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McGRAW ELECTRIC RAILWAY DIRECTORY

August, 1919

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703
.M16
1919
Aug.

Published Semi-Annually

McGraw-Hill Company, Inc.
1221 Avenue of the Americas
New York

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COMPLETE SERVICE TO THE ELECTRIC RAILWAY INDUSTRY

The McGraw Electric Railway Directory is compiled by the Directory Department of the Electric Railway Journal, one of the McGraw-Hill publications.

Electric Railway Journal has been for more than thirty-five years an integral part of the electric railway industry, the leaders of which it has continuously inspired, informed and guided.

Its readers are the executives and their principal assistants who direct the purchases of the five hundred million dollars which the entire industry annually disburses.

Electric Railway Journal readers control practically all important decisions on the roads which own 98% of all cars and 99% of all existing electrified mileage.

The advertising pages of the Electric Railway Journal include regularly the sales messages of the manufacturers who get the bulk of the electric railway orders in their respective lines.

Published weekly—Subscription \$4.00 a year.

McGraw Electric Railway Directory

August, 1919

Published Semi-Annually
February and August

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M. R. A.
P. 87

Directory of Electric Railway Companies

*in United States
Canada and Mexico*

[AUGUST, 1919]

THE INFORMATION contained
in the body of this Directory has
been corrected up to June, 1919.

IMPORTANT FEATURES OF THIS DIRECTORY

BESIDES the names of officials,
number of cars, number of miles
of track, etc., the power plant and
sub-station equipment is also given in
the reports of the Companies listed.

INDEXES—The reports of the electric railway
companies in this Directory are arranged geograph-
ically by states and cities, and are also numbered
consecutively. Immediately following the pages
containing the reports there will be found complete
alphabetical lists of both the company names and
the individual names appearing in the Directory,
with reference by number to the report in which
each name appears.

THE DATE OF INFORMATION is indicated in
each report by the figures at the end of the last line.
The final figure indicates the last figure of the year,
and the preceding figure or figures the month. The
figures 69 will thus be understood to mean that
information for that particular report was furnished
in June, 1919.

Electric Railway Companies.

KEY TO ABBREVIATIONS AND SIGNS.

Population is given directly after the names of cities or towns, and, unless otherwise specified, is from 1910 Census.

The (★) indicates a report which differs in some respect from the report of same company in the previous issue of the Directory; and the figures directly following the (★) indicate the latest date of information by month and year. T 69 would indicate a report received in June, 1919; ★69 would indicate July 1919, as the date of latest information, and that some change has been made that report since the previous issue.

The (§) indicates a company not previously reported in the Directory.

The (*) in the Alphabetical Index to companies indicates:

1. Companies whose property is controlled or operated by another company, which are not reported separately in this directory.
2. Companies whose identity has been lost through merger, consolidation, or organization.

The mileage shown is the number of miles of single track; i. e., if a road is 15 m long and double track the entire length, it is reckoned as 30 miles of single track.

Act.....Acting	H. & T.....Hardie & Tynes	Pwr. or Pr.....Po
Adjr.....Adjuster	Har.....Harrison	Quak. City.....Quaker C
a.c.....alternating current	Hasel.....Haseltine	Recvr.....Recei
Allis-C.....Allis Chalmers Co.	Haz.....Hazeltone	Rel.....Rella
Am.....American Engine	H. B. & M.....Harrisburg	Ridg.....Ridg
A & R.....Abendroth & Root	Boiler & Mfg.	Ris.....Ris
A & S.....Armington & Sims	Hels.....Heisler	Robb-M.....Robb-Munf
A & T.....Aultman & Taylor	H. F. & M.....Harrisburg	Roch.....Roche
Asst.....Assistant	Foundry & Mche	rot.....rot
Atlas or Lyons-Atlas.....Lyons	Herc.....Hercules	Rus.....Rus
Atlas Co.	H. B.....Hoffman-Billings	R. & F.....Rankin & Frit
b.....boiler	Hol.....Holyoke	R. & H.....Root & Herl
Bab. & W.....Babecock & Wilcox	H. O. & R.....Hooven, Owens & Rentschler	R. & S.....Rice & Sarg
Ball.....Ball Engine Co.	hp.....horse-power	Sec.....Secret
Brngm.....Birmingham	Ht.....Heat	S. C.....Sioux C
Bcky.....Buckeye	H. S. & G.....Houston, Stan-wood & Gamble	Schof.....Schoff
Big.....Bigelow	H. S. & H.....Hinchley, Spears & Hayes	Schuy.....Schuy
Borg.....Borger Bros.	H. & P.....Hewes & Phillips	S. D. Co.....Sinker-Davis
Brn.....Brownell	J.-Mc.....Jolly-McCormack	S. F. & M.....Southw Foundry & M
Bull.....Bullock	Kendall.....Kendall Boiler Co.	Skinr.....Skir
B.S. & S.....Broomell, Schmidt & Steacy Co.	Kew.....Kewanee Boiler Co.	S. M.....Sawyer-I
B. & W.....Ball & Wood	K. & K.....Knowlson & Kelley	Smith. S. Morgan Smith
C. & C.....C. & C. Elec.	Kva.....Kilovolt Ampere	Snow.....Snow Steam Pt
C. & Z.....Campbell & Zell	kw.....kilowatt	Stewart.....Stewart Boiler
Ch.....Chief	LaR.....LaRoche	s. ph.....single pl
Chm.....Chairman	L. E.....Lake Erie	Spgr.....Spring
Chatt.....Chattanooga Boiler Works	L. & B.....Lane & Bodley	Supt.....Superintenc
Com.....Commercial	Leb.....Lebanon	Stan.....Stan
Comm.....Committee	Lef.....Leffel	Std.....Stand
Conv.....Converters	Lewis P.....Lewis Pettibone	Stew.....Stev
Cor.....Corlias	Lt.....Light	Stir.....Stir
Ca-R.....Cabill-Roberts	Ltg.....Lighting	St. L.....St. L
Cpr.....C. & G. Cooper	Lomb.....Lombard	S. Line.....Straight l
Cpr-R.....Cooper-Roberts	Mad.....Madison Machine Co.	Sturt.....Sturte
C. G. E.....Canadian Gen. Elec.	Man.....Manning	S. V. & Co. Smith-Valled
C. W.....Crocker-Wheeler	Mgr.....Manager	S. & B.....Stillwell & Bi
C. & H.....Casey & Hedges	McC.....McCormick	S. & H.....Siemens & Ha
Cungh.....Cunningham	McE.....McEwen	S. W.....Struthers-V
Cys.....cycles	McI. & S.....McIntosh & Seymour	transf.....Transfo
i.c.....direct current	Michl.....Michaelman	trans.....Transmis
Def.....Detroit	Mil.....Milwaukee	Treas.....Treas
D. & C.....Dick & Church	Miapl.....Minneapolis	T-H.....Thompson-Hou
distrbn.....distribution	M. M.....Master Mechanic	T-R.....Thompson-I
e.....engine	Mor. Ch.....Morrin-Climax	Tri.....Triumph Elec
Ed.....Edison	mo.....motor	T. C.....Twin
Edge.....Edge Moor	Mur.....Murray Iron Works	tot.....tot
Elec.....Electric	Musk.....Muskegon	turb.....turb
Elec.....Electrician	Natl.....National	Tay. & C.....Tayl
Engr.....Engineer	N. B.....New Britain	Chai
Erie City.....Erie City Iron Works	N. H.....New Haven	U. E. I.....United Ele
exc.....Exciter	Nord.....Nordberg	Improvemen
Fishkl.....Fishkill	Northn.....Northern Elec. Mfg. Co.	V. Pres.....Vice-Pres
Fitch.....Fitchburg	O'Br.....O'Brien	Vil.....V
F. M. & Co.....Fairbanks Morse & Co.	ovhd.....overhead	W. & W.....Walsh & W
Frank.....Franklin	Pres.....President	W. & A.....Wright & A
Frnm.....Freeman	Pur. Agt.....Purchasing Agent	Watertrn.....Water
Ft. W.....Ft. Wayne	Penn.....Pennsylvania	Wis.....Wisc
F. & C.....Frazer & Chalmers	ph.....phase	W-C.....Watts-Cam
F. & S.....Filer & Stowell	P. H.....Porter Hamilton	W. E.....Western Ele
G. E.....General Electric	Pier.....Pierpont	West. or Westg.....West
gen.....generators	Por-A.....Porter-Allen	Weth.....Wet
G. & McC.....Goldie & McCullough	Prov.....Providence	Whk.....Whe
Greenw.....Greenwald	Pwr. & M. M. Co.....Power & Mining Machy. Co.	W. I. & S. Wks.....Willi
Habkn.....Haberkon Engine		Google Iron & Steel
Ham.....Hamilton		Wks.....W
		Wms.....Wil
		Wtr.....Wtr

UNITED STATES.

ALABAMA.

ALABAMA CITY. 4,318.

(See No. 6.)

ALBANY. 6,165.

1—North Alabama Traction Co.
—Office, Second Ave. (Connects Decatur and Albany.)

Pres. Jno. B. Weakly.....Birmingham
Sec. & Treas. W. C. Hamilton “
Supt. & Pur. Agt.

W. R. Speer.....Albany
Energy purchased from Alabama Pwr. Co.; repair shop at 2nd Ave. and Jackson St.

Reaches and controls Oakland Park.
7.63 miles; 4-8½ g; 9 motor and 6 other cars. ★78

ANNISTON. 14,112 (1916)

1a—Alabama Power Co. (Anniston Div.)—Local office, 980 Noble St. (Controlled by the Alabama Trac., Lt. & Pwr. Co., Ltd.) (Connects Anniston, Oxanna, Oxford and Hobson City; co. also operates in Huntsville.)

Pres. Jas. Mitchell
120 Broadway, New York, N. Y.

V. Pres. T. W. Martin
Brown-Marx Bldg., Birmingham

Sec. Walter M. Hood “ “
Treas. H. S. Swan “ “
Audr. Nathan Wood “ “

Gen. Mgr. Walter N. Walmaley
Brown-Marx Bldg., “

Asst. Gen. Mgr. W. E. Mitchell
Brown-Marx Bldg., “

Pur. Agt. Robert Klein
Brown-Marx Bldg., “

Cl. Agt. W. R. Loyd
Brown-Marx Bldg., “

Mgr. J. M. Barry.....Anniston
Ch. Engr. O. G. Thurlow

Brown-Marx Bldg., Birmingham
M. M. D. M. Bowles.....Anniston
Energy from hydro-electric plant at Lock No. 12 Coosa River; 2 d. c. G. E. tot. 900 kw; trans. volt. 2300 v; trolley volt. 600 v..

1 sub-sta. cap. 1200 kw; 2 mo. gen. sets.
Repair shops at 6th St. & Wilmer Ave.
Reaches Oxford Lake Park and Hobson City Park (owned).

10.88 miles; 4-8½ g; 17 motor pass., 5 trail pass., 1 ft. motor and 5 service cars. (Company does general lighting and power business.) ★59

BESSEMER. 16,556 (1916)

(See No. 4.)

BIRMINGHAM. 181,762 (1916)

(See also No. 710.)

2—Birmingham & Edgewood Elec. Ry. Co.—(Controlled by the Birmingham Ry., Lt. & Pwr. Co.) (Connects Birmingham, Rosedale, Oak Grove and Edgewood.)

Pres. J. S. Pevear
2100—1st Ave., Birmingham

Sec. J. P. Ross.. “ “
Treas. N. H. Hawkins “ “
Energy purchased and cars leased from Birmingham Ry., Lt. & Pwr. Co.

4.5 miles; 4-8½ g. ★59

3—Birmingham-Tidewater Ry. Co.
—Office, 2100 1st Ave. (Successor to Birmingham, Ensley & Bessemer R.R.) (Connects East Lake, Woodlawn, Avondale, Birmingham, Graymont, Pratt City and Ensley, now within the corporate limits of the City of Birmingham; also Fairfield.) (Controlled, through

ownership of capital stock, by Birmingham Ry., Lt. & Pwr. Co.)
Pres. & Gen. Mgr.

J. S. Pevear.....Birmingham
Sec. & Treas. J. P. Ross.... “

Audr. R. O. Launey..... “
Claim Agt. H. H. Barnard.. “
M. M., J. R. Burriess..... “

Energy purchased from the Birmingham Ry. Lt. & Pwr. Co.; trans. volt 18,000 v; trolley volt. 575 v.

Repair shops at 4th Ave. and 11th St.
Reaches East Lake, Avondale, Fair field and West Parks.

32.8 miles; 4-8½ g; 27 motor and 28 other cars. ★59

4—Birmingham Ry., Lt. & Pwr. Co.
—Office, 2100 1st Ave. (Connects Brighton, Bessemer, Lipscomb, Inglenook and Irondale.) (Controls Birmingham & Edgewood Elec. Ry. Co. and Birmingham-Tidewater Ry. Co. and is in turn controlled by the American Cities Co.)

Recvr. John Sparrow,
1400 Empire Bldg., Birmingham
Pres. & Gen. Mgr. J. S. Pevear.. “

Asst. Gen. Mgr.
Fred V. Underwood..... “

Sec.-Treas. J. P. Ross..... “
Audr. R. O. Launey..... “

V.-Pres. & Chief Engr.
L. L. Newman..... “

{ (Elect.) B. H. Elliott “
{ (Equip.) J. R. Burriess “
{ 4th Ave. & 11th St., “

Supts. { (Gas) J. E. Montgomery “
{ (Lines) J. F. Beard “
{ (Pwr. House & Steam Dept. B. Jordan..... “

Claim Agt. H. H. Barnard... “
Fgt. Traf. Mgr.
T. G. Brabston 1604 1st Ave... “

Asst. Traf. Mgr.
(Mrs) C. L. Stevens..... “
Pur. Agt. H. R. Dombey.... “

Asst. Ch. Engr. H. E. Cox “
Roadmaster, H. J. Kribs..... “
Energy purchased from Alabama Pwr. Co.

Power sta. equip. 3 d. c. G. E. tot. 3300 kw; 5 a. c. G. E. Allis C. tot. 14,000 kw. 2300 v. 3 ph. 60 cys; 10,200 hp. e. Birmghm. Allis-C. G. E.; 17,450 hp. b. Bab. & W; 11,000 kw. turb. (stm.) G. E. Allis-C; trans. volt. 13,000 v; trolley volt. 575 v.

Power sta. at 19th St. & Powell Ave.; repair shop at 4th Ave. & 11th St.
Reaches East Lake Park.

153.65 miles; 4-8½ g; 183 motor and 154 other cars. (Sells energy to Birmingham-Tidewater Ry. Co.) ★59

CLOVERDALE. 173 (1914).

(See No. 11.)

DECATUR. (4,228)

(See No. 1.)

EDGEWOOD.

(See No. 2.)

ENSLEY. 7,000.

(See No. 3.)

FAIRHOPE. 800.

5—Peoples Railroad Co.
1.5 miles; 2 gasoline cars and 1 trail car. (Electrification contemplated in future.) 128

FLORENCE. 6,889.

(See No. 14.)

GADSDEN. 14,642 (1916).

6—Alabama City, Gadsden & Attalla Ry. Co.—Office, Gadsden. (Leases Gads-

den Ry. Co.) (Connects Gadsden, At-
talla and Alabama City.)

Pres., Sec. & Treas.

E. T. Schuler..... Gadsden

V. Prests. { G.H. Schuler
 { Jacksonville, Fla.

Alston Green..... Gadsden

Gen. Mgr. C. J. Zell..... "

Trainmaster, M. D. Payne..... "

Energy purchased.

Sub-sta. equip. 3 rot. conv. Westg.
tot. 900 kw; 6 transf. tot. 1238 kw. trans.
volt. 2200-22,000 v; trolley volt. 2200
-22,000 v.

Sub-sta. and repair shops at Gadsden.
11 miles; 4-8½ g; 10 passenger and
3 other cars. Company furnishes energy
for lighting and operates ice plant. ★59

**7—Gadsden, Bellevue & Lookout
Mountain Ry.**—Office, Gadsden.
(Connects Gadsden and Nocalula
Falls.)

Pres. U. J. Virgin,

838 Canal St., New Orleans, La.

1st V. Pres., Gen. Mgr. & Pur. Agt.

Louis Hart..... Gadsden

2d V. Pres. T. J. Simpson..... Rome, Ga.

Sec. & Treas. A. B. Brindley.... Gadsden

Audr. A. Greet..... "

Elec. Engr., Jim Cooper..... "

M. M. & Engr. Maint of Way,

Luther Martin..... "

Energy purchased.

Repair shops at Nocalula Falls, Gads-
den.

Reaches Nocalula Falls Park.

3.1 miles; 4-8½ g; 3 motor pass cars.

★59

HUNTSVILLE. 7,611.

8—Alabama Pwr. Co. (Huntsville
Div.)—Local office, Huntsville. Gen.
office, Birmingham.

Pres. Jas. Mitchell..... New York, N. Y.

V. Pres. Thos. W. Martin.... Birmingham

Ass't. to Pres. D. J. McGrath..... "

Sec. & Treas. Wiley Aiford... "

Gen. Mgr. W. N. Walmsley... "

Asst. Gen. Mgr. W. E. Mitchell..... "

Pur. Agt. E. S. Curtis, Jr.... "

Local Mgr. C. G. Childs..... Huntsville

Mgr. Local Oper.

W. M. Stanley..... Birmingham

Supt. J. S. McLure..... "

M. M., R. V. McLure..... "

Ch. Engr. O. G. Thurlow..... "

Ch. Engr. Pwr. Sta.

S. D. Higgins..... Huntsville

Elec. Engr. J. A. Sirnit..... Birmingham

Power sta. equip. 1 d. c. Westg. 150 kw;

2 a. c. G. E., Westg. tot. 350 kw. 2300 v. 3

ph. 60 cys; 550 hp. e. R. & S. and Ball;

1000 hp. b. B. & W; 1000 kw. Westg. turb.

4 sub-sta. auto. cont. cap. 1050 kw.

trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shop at West

Clinton St.

4.83 miles; 4-8½ g; ovhd. 6 motor cars.

Company does general lighting and power

business. 49j

MOBILE. 58 221 (1916).

9—Mobile Light & R. R. Co.—Office,
158 Government St., Mobile. (Connects
Mobile, Whistler, Plateau, Magazine
Point, Spring Hill and Crichton; also
operates line to the Chickasaw Ship-
building plant.)

Pres. J. Howard Wilson..... Mobile

Ass't. to Pres. D. J. McGrath..... "

Sec. & Andr. F. B. Clements..... "

Treas. C. T. N. White-Spunner..... "

Claim Agt. R. W. Jones..... "

Pur. Agt. F. H. Peters..... "

M. M., S. M. Coffin..... "

Supt., W. C. Stockman..... "

Engr. Pwr. Sta. C. Manker..... "

Roadmaster, O. C. Hume..... "

Power sta. equip. 3 d. c. G. E., Westg.,
S. & H. tot. 2350 kw; 3525 hp. e. Allis-C.
Fulton, Ham; 1480 hp. b. Stir. Bab. & W;
trolley volt. 550 v.

Power station at Royal and Monroe
Sta.; repair shop at Monroe Park.

Owens Monroe Park (white) and reaches
Dixie Park (colored).

61.5 miles; 4-8½ g; 77 motor pass., 24
trail pass. and 18 service cars. ★69

**10—Mobile & Pensacola Ry. & Na-
vigation Co.**—Office, Lillian. (Suc-
cessor to Mobile, Volanta & Pensacola
R. R. Co.) (Will connect Mobile to Vo-
lanta, E. Fairhope, Gabel, Barclay,
Holland, Marlow, Summerdale, Ader,
Elberta, and Lillian, Ala., and Pensa-
cola, Fla., a distance of 44 miles.)

Pres., Charles Barclay..... Lillian

V. Pres. & Gen. Mgr.

M. H. Miller..... Sea Cliff

Treas. W. D. Stapleton..... Bay Minette

Repair shop at Volanta.

Reaches park in Volanta.

2 miles in operation from Volanta, east;

4-8½ g; 1 gas elec. car and 2 other cars.

118

MONTGOMERY. 43,285 (1916).

**11—Montgomery Light & Traction
Co.**—Office, 3 Court Square., Mont-
gomery. (Connects Montgomery, Oak
Park, Pickett Springs and Cloverdale.)

Recvr & Pres. Ray Rushton, Montgomery

Sec. - Treas. Chas. E. Norton..... "

Ch. Engr. Pwr. Sta.

J. M. Chumley..... "

Supt. W. M. Perdue..... "

2 a. c. tot. 5000 kva; 2 exc. tot. 200 kw.

8 stir. b. 2 west stm. turb; trolley volt

610 v.

Repair shops at Madison Ave.

1 sub. sta; 5 rot. conv.

Owens Picket Springs Park and Wash-
ington Park (colored).

38 miles; 4-8½ g; 54 motor and 3 other

cars. (Company does general lighting

and power business.) ★59

OXFORD. 1,090.

(See No. 1a.)

PHOENIX. 4,555.

(See No. 139.)

SELMA. 15,626 (1916).

13—Selma Elec. Railway Co.
(Formerly Selma Traction Co.) Office
cor. Broad and Selma Streets.

Pres. D. L. Gerould..... Warren, Pa.

Sec. - Treas. & Gen. Mgr.,

Hugh Mallory..... "

Supt. & Pur. Agt.

W. E. Nees,..... Box 77, Selma

Energy purchased from Selma Lighting

550 v; Co.; trolley volt.

Repair shop at 1518 No. Broad St.

Owens Elkdale Park & reaches Munic.

swimming pools.

7 miles; 4-8½ g; 9 motor pass., 10 trail

pass. and 2 service cars; 1 elec. loco. ★69

SHEFFIELD. 4,865.

14—The Sheffield Co.—Office, Sheffield
(Connects Sheffield, Florence and Tus-
cumbia.)

Pres. Henry Parsons,

101 Park Ave., New York, N. Y.

V. Pres. J. H. Pardee..... Sheffield

Asst. to V. Pres. & Pur. Agt.

W. S. Hatch..... "

Sec. & Treas. Joseph Parsons, "

101 Park Ave., New York, N. Y.

Audr. G. W. Terry..... Sheffield

Gen. Mgr. J. F. Gammon..... "

Supt. J. W. Robertson..... "

Supt. Water Dept. O. F. Swain... "

Claim Agent, W. R. Hale Sheffield
 Elec. Engr. H. H. Burt "
 Engr. Pwr. Sta. E. N. McClain.. "
 M. M., F. L. Hinman "
 Roadmaster, P. S. Milner "
 Power sta. equip. 1 d. c. West. 325 kw;
 3 a. c. West, 1 Allis-C. tot. 1950 kw. 2300 v.
 3 ph. 60 cys; 800 hp. e. Brown, Wisconsin
 Eng. Co.; 2400 hp. b. Wickes, Edge; 1250
 kw. turb. (stm.) West, Allis-C; trans.
 2300-volt 600 v. trolley volt. 600 v.
 Power sta. and repair shops at Sheffield.
 Owns and reaches two parks.
 1 Sub-sta. with auto. control cap.
 500 kw.; 2 rot. conv., 1 mo. gen. set. (40)
 syn. mo. 300 kw.)
 12.2 miles; 4-8½ g; 16 motor and 9
 other cars. (Company furnishes energy
 for power and lighting.) ★69

TUSCALOOSA. 10,488 (1916)

15—Tuscaloosa Ry. & Utilities
 Co.—Office, 2213 Broad St. (Successor
 to Birmingham-Tuscaloosa Ry. & Util-
 ities Co.) (Purchased Tuscaloosa Ice
 & Lt. Co.) (Connects Tuscaloosa and
 Holt.)
 Pres. J. H. Morris..... Philadelphia, Pa.
 V. Pres., Gen. Mgr. & Pur. Agt.
 I. W. Ross..... Tuscaloosa
 Sec. & Treas.
 F. A. Courtney..... Philadelphia, Pa.
 Audr. J. S. Billings..... Tuscaloosa
 Supt. Ry. & M. M.,
 C. J. Erickson "
 Supt. Lt. & Pwr. E. C. Beatty "
 Supt. Gas Dept. "
 M. L. Thoms on..... "
 Ch. Engr. Pwr. Sta.
 P. J. Jiminez..... "
 Energy purchased from Alabama Pwr.
 Co.; power plant used as "stand-by";
 1 d. c. West. 350 kw; 600 v; 1 rot. conv.
 500 kw; 3 a. c. G. E. tot. 800 kw. 2300 v.
 3 ph. 60 cys; direct connected to Ham-Cor.
 engine; 800 hp. e. Cor. 1000 hp. b. W. & W;
 500 kw. turb. (stm.) G. E; trolley volt.
 600 v.
 Power sta. and repair shops at Tusca-
 loosa.
 Owns and reaches Riverview Park.
 15 miles; 4-8½ g; 5 motor and 17 other
 cars. (Co. does general lighting and
 power business.) ★19†

VOLANTA.

(See No. 10.)

WHISTLER. 3,432.

(See No. 9.)

ALASKA.

THANE.

16—Alaska Gastineau Mining Co.
 —Office, Thane. (Operates 1 passenger
 train daily between Thane and Perse-
 verance; road used chiefly for ore haul-
 age.)
 Gen. Mgr. G. T. Jackson..... Juneau
 Pur. Agt. Leonard Guy..... Thane
 Supt. of Transp. Wm. G. Carlberg. "
 M. M., L. M. Stevenson "
 Ch. Engr., W. A. Tolch..... "
 Engr. Ovhd. Constr. W. A. Fleek.. "
 Power sta. on Salmon Creek; trolley
 volt. 500 v.
 1 sub. sta. cap. 600 kw; 2-300 kw. rot.
 conv. 60 cys. 600 v. d. c.
 Repair shop at Thane.
 5.25 miles; 3 g; 3 18-ton Baldwin West.
 locos and 2 6-ton G. E. locos; 2 trail
 pass. and 110 other cars. ★69

ARIZONA.

BISBEE. 9,019.

(See No. 20.)

DOUGLAS. 8,000 (1914).

17—Douglas Traction & Lt. Co.—
 Office, Douglas.
 Pres. J. S. Douglas..... Douglas
 V. Pres. Wm. Adamson..... "
 Sec. S. P. Applewhite..... "
 Treas. E. R. Pirtle..... "
 Gen. Mgr. & Pur. Agt.
 R. G. Arthur..... "
 Energy purchased from Copper Queen
 Consid. Mining Co., Douglas, for rail-
 way service; trolley volt. 250 v.
 Repair shops at Douglas.
 Reaches Douglas Park (owned).
 10 miles; 4-8½ g; 6 motor and 1
 trail car. (Operates pwr. sta. for elec.
 ltg. service.) 118

PHOENIX. 18,621 (1916)

18—Phoenix Ry. Co. of Arizona.—
 Office, 1314 E. Washington St. (Con-
 nects Phoenix and Glendale.)
 Pres. M. H. Sherman
 Westminster Hotel, Los Angeles, Cal.
 V. Pres. R. P. Sherman
 637 Consolidated Realty Bldg.,
 Los Angeles, Cal.
 Sec. A. I. Smith " "
 Treas. George H. Clark
 Gen. Mgr., Gen. Fgt. & Pass. Agt.
 & Pur. Agt. Sam'l H. Mitchell.. Phoenix
 Claim Agt. C. E. Newcomer..... "
 Energy purchased from Pacific Gas &
 Electric Co.; trolley volt. 550 v.
 Repair shop at 1800 E. Washington St.
 32.5 miles; 4-8½ g; 20 motor and 1
 other car. 59

TUCSON. 16,756 (1916)

19—Tucson Rapid Transit Co.
 Office, Tucson. (Controlled by Federal
 Lt. & Trac. Co., New York, N. Y.)
 Pres. E. N. Sander-on..
 60 Broadway, New York, N. Y.
 V. Pres. & Treas.
 J. Dunhill..... " "
 Sec. A. R. Marshall " "
 Mgr. Frank E. Russell..... Tucson
 Gen. Supt. & Ch. Engr., C. H. Nichols,
 60 Broadway, New York, N. Y.
 Energy purchased from Tucson Gas &
 Elec. Lt. & Pwr. Co; 2 d. c. West. tot.
 500 kw.; trolley volt. 550 v.
 Repair shops at Tucson.
 5 miles; 4-8½ g; 9 motor pass cars. 59

WARREN. 425.

20—Warren Company, (Operating
 Warren-Bisbee Ry.—Office, Warren.
 (Connects Warren, Bakerville, Lowell,
 Johnson Addition and Bisbee.
 Pres. & Gen. Mgr. G. H. Dowell... Bisbee
 V. Pres. C. T. Knapp..... "
 Sec. & Treas. J. E. Curry..... "
 Supt. J. G. Cowen..... Warren
 Claim Agt. M. E. Cassidy..... Bisbee
 Pur. Agt. John B. Rawlings..... Warren
 Ch. Engr. D. M. Rait..... "
 M. M. W. E. McKee..... Bisbee
 Energy purchased from Calumet &
 Arizona Mining Co., trans. volt. 2300 v.;
 trolley volt. 2300 v.
 Owns and reaches Vista Park and Ball
 Park in Warren.
 6.7 miles; 4-8½ g; 8 pass. and 1 work
 car. Company does lighting and power
 business. 59

ARKANSAS.

ARGENTA. 14,907 (1916)

21—Intercity Terminal Ry.—Office,
 724 Main St. (Operates in Argenta
 and runs auto busses over bridge con-
 necting Little Rock and Argenta.)
 Pres. C. C. Kavanaugh
 221 Southern Tr. Bldg., Little Rock

Sec. & Treas. F. J. Schmutz.. Little Rock
 Gen. Mgr., Cl. Agt. &
 Pur. Agt. P. C. Warren..... Argenta
 Energy purchased from Little Rock Ry.
 & Elec. Co.; trolley volt. 550 v.
 Repair shops at Argenta.
 5 miles; 4-8½ g; 5 motor and 4 other
 cars (20-passenger auto busses). 116

EUREKA SPRINGS. 3,228.

23 — Eureka Traction Co. — Office
 Eureka Springs.
 Pres. & Gen. Mgr.
 H. D. Jenkins..... Eureka Springs
 V. Pres. Floyd Walker.... "
 Sec. F. C. Cook..... "
 Energy purchased from Eureka Springs
 Elec. Co.; trolley volt. 550 v.
 Repair shop at Spring St. & Glen Ave.
 Owns Auditorium Park and Opera
 House.
 4 miles; 4-8½ g; 9 motor and 1 work
 car. 59

FORT SMITH. 34,000 (1917).

24 — Fort Smith Lt. & Traction Co. —
 (Controlled through stock ownership by
 Standard Gas & Elec. Co., and operated
 by H. M. Byllesby & Co., Chicago, Ill.)
 Pres. A. S. Huey..... Chicago, Ill.
 V. Pres. H. M. Byllesby..... "
 2d V. Pres. F. C. Gordon.... "
 3rd V. Pres. & Gen Mgr. .
 D. C. Green..... Fort Smith
 Sec., Treas. & Audr.
 R. E. Ballard..... "
 Supt. & Claim. Agt., T. G. Kelley "
 Pur. Agt. Mr. Davis..... "
 Ch. Engr. Pwr. Sta., L. J. Noble "
 M. M., M. E. Wright..... "
 Engr. M. of W., M. C. Garlick "
 Power sta. equip. 2 d. c. G. E. Allis-C.
 tot. 1100 kw; 3 a. c. G. E., West. tot.
 2350 kw. 2300 v. 2 ph. 60 cys; 6750 hp. e.
 Fulton, Rus. Ham, Allis; B & W, 2500 hp.
 b. Bab. & W; 3 000 kw. turb. (stm.) Westg.
 trans. volt. 36,000 v; trolley volt. 575 v.
 Power sta., at First & C Sta.; repair
 shop at cor. Midland Boulevard &
 Highway.
 Owns and controls Electric Park.
 33 miles; 4-8½ g; 41 motor cars. Company
 does general lighting and power bus-
 iness and distributes natural gas in Ft.
 Smith and Van Buren; furnishes energy
 to Ft. Smith-Oklahoma Lt. & Trac. Co.
 (Installing 1 8000-kw. 2300-v. 2-ph. West.
 stm. turb. and 2 600-hp. Bab. & W.
 boilers.) 118

25 — Fort Smith-Oklahoma Lt. &
 Trac. Co. — Office, 301 Garrison Ave.,
 Fort Smith. (Operates in State of Okla-
 homa to the townsite of Arkoma.) (Part
 of system of Ft. Smith Lt. & Trac. Co.)
 Pres. R. E. Ballard..... Ft. Smith
 V. Pres. & Gen. Mgr. D. C. Green "
 Sec. W. R. Kennedy..... "
 Treas. Geo. Sengel, Jr. "
 Energy purchased from Ft. Smith Lt.
 & Trac. Co.; trolley volt. 550 v.
 1.21 miles; 4-8½ g; 1 motor pass. car.
 ★59

HELENA. 10,796 (1916)

26 — The West Helena Consoli-
 dated Co. (Successor to Interurban
 Ry. Co.) — (Connects Helena and West
 Helena.)
 Pres. E. C. Hornor..... Helena
 V. Pres. R. B. Mason..... "
 Sec. & Treas. J. S. Hornor..... "
 Gen. Mgr. E. T. Hornor..... "
 Gen. Fgt. & Pass. Agt. L. G. Hornor. "
 M. M. H., N. Tibbles..... West Helena
 Engr. M. of W., E. P. Douglas "
 Energy purchased from the Helena Gas
 & Elec. Co.

Repair shops at West Helens.
 Reaches Beech Crest Park, Walnut Grove
 (owned).
 5.5 miles; 4-8½ g; 21 motor and 16 other
 cars. 126

HOT SPRINGS. 17,233 (1916)

27 — Central Arkansas Ry. & Lt.
 Corp. — Office, 60 B'way, New York,
 N. Y. (Controls Hot Springs St. Ry.
 Co., Hot Springs Wtr. Co., Citizens
 Elec. Co. and Consumers Gas Co., and
 in turn is controlled by the Federal Lt.
 & Trac. Co.)
 Pres. E. N. Sanderson
 60 Broadway, New York, N. Y.
 V. Pres. & Treas. "
 J. Dunhill..... "
 Sec. E. K. H. D'Aeth..... " 59

28 — Hot Springs St. Ry. Co. — Office,
 915-917 Central Ave. (Controlled by
 Central Arkansas Ry. & Lt. Corp.,
 which in turn is controlled by the Fed-
 eral Lt. & Trac. Co., New York, N. Y.)
 Pres. E. N. Sanderson
 60 Broadway, New York, N. Y.
 V. Pres. J. Dunhill " "
 Sec. & Treas. F. H. Russ..... Hot Springs
 Gen. Mgr. S. E. Dillon..... "
 Gen. Supt. & Ch. Engr.
 C. H. Nichols..... New York, N. Y.
 Supt. J. H. Butterfield..... Hot Springs
 Energy purchased from Citizens Elec.
 Co.; repair shop at 737 Park Ave.
 13.8 miles; 4-8½ g; 32 motor and 2 other
 cars. 59

LITTLE ROCK. 57,343. (1916).

29 — Little Rock Ry. & Elec. Co. —
 Office, 115 W. 4th St. (Connects Little
 Rock and Pulaski Heights.) (Controlled
 by the American Cities Co.)
 Pres. D. H. Cantrell..... Little Rock
 V. Pres. & Treas., A. Brizzalara "
 Sec. & Audr. W. J. Tharp.... "
 Gen. Mgr. C. J. Griffith..... "
 Pur. Agt. R. Elck..... "
 Supt. Ry. Dept. A. R. Koonce.
 Claim Agt.
 Elmer Schoggen..... "
 Gen. Supt. Elec. Dept., Supt.
 Distrib. & Engr. Ovhd. Constr.
 P. T. Phillips..... "
 Engr. Pwr. Sta., A. P. Singer.. "
 M. M. W. H. Curtis..... "
 Com. Mgr.
 R. I. Brown 417 Main St.... "
 Roadmaster, John Card..... "
 Power sta. equip 2 d. c. G. E. tot. 1650
 kw; 6 a. c. turbo gen. G. E. tot. 14,500 kw.
 2300 v. 3 ph. 60 cys; rot. conv. tot. 1250 kw.
 2000 hp. e. Allis-C, H. O. & R. 6200 hp.
 b. A.-T. B. & W; trans. volt. 18,200.
 6600 & 2300 v. trolley volt. 600 v.
 6 sub. sta. (1 with auto. cont.) tot. cap.
 9150 kw; 2 rot. conv.
 Power sta. at foot of Arch St.; repair
 shops at foot of Chester St.
 Reaches Kavanaugh Field and Forest
 Park.
 41 miles; 4-8½ g; 87 motor and 15
 other cars. Company does general lgt. &
 pwr. business; sells energy to Intercity
 Terminal Ry. Co. ★59

PINE BLUFF. 17,447. (1916)

30 — The Pine Bluff Co. Office, 512
 Main St.
 Pres. H. C. Couch..... Pine Bluff
 V. Pres. John N. Watkins
 7 Wall St., New York, N. Y.
 Sec. & Elec. Engr.
 J. L. Longino..... Pine Bluff
 Audr. L. B. West..... "
 Supt. Ry. Dept. J. Cain..... "
 Claim Agt. Parker C. Tucker.. "
 Ch. Engr. Pwr. Sta. Google
 Frank Emerson..... "

M. M. T. F. Willey..... Pine Bluff
 Engr. Ovhd. Const. C. H. Smith " "
 Power sta. equip. 4 a. c. G. E. tot. 4750
 kw., 2300 v. 3 ph. 60 cys; 1800 hp. b. B. &
 W; 4700 kw. stm. turb. G. E. trans. volt.
 33,000 v; trolley volt. 600 v.
 7 sub-sta. (3 with auto. cont.) tot. cap.
 3600 kw. 2-300 kw. G. E. rot. conv.
 Power sta. at 4th & Ash Sts., and repair
 shop at 3d and Ash Sts.
 11 miles; 4-8½ g.; 21 motor and 8 other
 cars. Company does general lighting and
 power business. Contemplate purchase
 of 2-600 hp. b. ★89j

TEXARKANA (Ark-Tex). 20,000.

31—Southwestern Gas & Elec. Co.
 (Texarkana Div.)— Office, 132 East
 Broad St., Texarkana, Ark. (Connects
 Texarkana, Ark., and Texarkana, Tex.)
 Pres. Henry M. Dawes.
 1615 Harris Trust Bldg., Chicago, Ill.
 V. Pres. R. C. Dawes " " "
 Treas. J. C. Markley " " "
 Andr. C. W. Demmon " " "
 Gen. Mgr. W. L. Wood, Jr. Texarkana
 Pur. Agt. W. E. Bann " "
 Supt. L. W. Johnson " "
 Claim Agt. W. E. Casey " "
 Ch. Engr. Elec. Engr. & Engr.
 Ovhd., Constr. Chas. Hays " "
 Ch. Engr. Pwr. Sta. A. W. Ball " "
 Roadmaster, J. H. Earhart " "
 Power sta. equip. 1 d. c. Westg. 350 kw;
 3 a. c. Bull. Allis-C., tot. 875 kw. 2300 v. 3
 ph. 60 cys; 1650 hp. e. Fulton, Allis-C.,
 Ham; 1676 hp. b. Heine. Stir; 1000 kw.
 turb. (stm.) G. E; trans. volt. 2300 v;
 trolley volt. 600 v.
 Power sta. at Texarkana, Ark.; repair
 shops at Texarkana, Tex.
 Reaches Spring Lake Park, Texas.
 14 miles; 4-8½ g; 16 motor pass., 4 ftg.
 cars without motors; 1 construction car.
 Company does a lighting business. ★89j

WALNUT RIDGE. 1,798.

32—Central Power & Lt. Co.—Office'
 1511 Chemical Bldg., St. Louis Mo
 (Successor to Walnut Ridge & Hoxie
 Lt. Pwr. & Transit Co.) (Connects
 Walnut Ridge and Hoxie.)
 Pres. R. W. Morrison,..... St. Louis, Mo.
 Pres. W. S. McCall " " "
 Sec. Treas. & Andr. E. H. Gorse " " "
 Gen. Mgr. James Favors... Walnut Ridge
 Pur. Agt. H. C. Loehr " St. Louis, Mo.
 Ch. Engr. A. Wright " Walnut Ridge
 Elec. Engr. D. L. Keiser... St. Louis, Mo.
 Ch. Engr. Pwr. Sta. & M. M.
 B. W. Brown " Walnut Ridge
 Power sta. equip. 2 d. c. F. M. & Co.
 tot. 57 kw; 3 a. c. West. G. E. tot. 790
 kva. 2200 v. 3 ph. 60 cys; 2 mo.-gen. sets
 tot. 100 kw. 550 v; 475 hp. stm. e. Nord.,
 300 kva. stm. turb. West. St. Louis, Cor.,
 450 hp. b. Heine; trans. volt. 18,200 v. s.
 ph 60 cys; trolley volt. 550 v.
 Power sta. and repair shop at Walnut
 Ridge.
 2.50 miles; 4-8½ g; 4 motor cars. Com-
 pany does lighting & power business. ★89j

CALIFORNIA.

ALAMEDA. 27,732. (1916)

(See No. 52.)

BAKERSFIELD. 16,874 (1916)

33—Bakersfield & Kern Elec. Ry.—
 Office, Bakersfield; Main Office, Fresno
 (Controlled by San Joaquin Lt. & Pwr.

Corp.) (Connects Bakersfield and Kern
 City.)
 Pres. W. G. Kerckhoff
 805 Garland Bldg., Los Angeles
 V. Pres. A. C. Balch " "
 805 Garland Bldg. " "
 Sec. L. M. Farnham " "
 805 Garland Bldg. " "
 Treas. & Compt. A. E. Peat " "
 805 Garland Bldg. " "
 Andr.
 A. B. Carpenter Tulare & H Sts., Fresno
 Gen. Mgr. A. G. Wishon " " "
 Supt. & Gen. Fgt. & Pass. Agt.
 D. L. Wishon..... Bakersfield
 Claim Agt.
 M. Bourne.... Tulare & H Sts., Fresno
 Pur. Agt. J. H. Newlin " "
 Ch. Engr. & Engr Overhead Constr.
 E. A. Quinn... Tulare & H Sts. " "
 Elec. Engr. D. B. Ogle..... Bakersfield
 Ch. Engr. Pwr. Sta.
 A. Y. Mendell..... " "
 M. M., V. N. Mickelberry " "
 Energy purchased from San Joaquin
 Lt. & Pwr. Corpn.
 1 sub-sta.; 2 mo. gen. sets.
 Repair shops at 19th St. & Union Ave.,
 Bakersfield.
 Reaches Recreation Park (owned).
 10.51 miles; 4-8½ g; 15 motor cars.
 59

BERKELEY. 57,658 (1916)

(See No. 52.)

CHICO. 3,750.

(See No. 55a)

CORONADO. 1,477.

(See No. 58.)

EAGLE ROCK. 1,450 (1913).

(See Nos. 42 and 46.)

EUREKA. 14,694 (1916).

34—Humboldt Transit Co.—Office,
 J. & Harris Sts.
 Pres. Wm. Butterworth..... Molive, Ill.
 V. Pres. H. Baldwin
 907 Kohl Bldg., San Francisco
 Sec. & Treas. Horace R. Hudson " "
 907 Kohl Bldg. " "
 Gen. Mgr., Andr., Claim & Pur. Agt.
 J. W. Hale..... Eureka
 Asst. Mgr. & M. M. F. L. Jackson.. " "
 Engr. M. of W. & Engr. Ovhd. Constr.
 C. H. Ragon..... " "
 Energy purchased from Western States
 Gas & Elec. Co.; trans. volt. 11,000 v. a. c.
 trolley volt. 550 v. d. c. volt. 550 v.
 Power sta. on Humboldt Bay; repair
 shops at J & Harris Sts.
 Reaches and controls Sequoia Park,
 Sequoia Gardens.
 12 miles; 4-8½ g; 17 motor pass. and 15
 service cars. ★59

EXETER. 600.

35—Visalia Electric R. R. Co.—
 Gen. Office, Pacific Electric Bldg., Los
 Angeles. (Connects Visalia, Farmers-
 ville, Exeter, Lemoncove, Woodlake
 and Strathmore. (Controlled by the
 Southern Pacific Co.)
 Pres. Paul Shoup..... San Francisco
 V. Pres. R. P. Schwerin " " "
 Sec. & Andr. H. A. Culloden, Los Angeles
 Treas. M. S. Wade " " "
 Gen. Mgr. Frank W. Webster..... Exeter
 Supt. & Elec. Engr., W. P. Ballard " "

Pur. Agt. I. L. Ward.....Los Angeles
 Fgt. Claim Agt. E. T. Albert.. "
 Gen. Fgt. Agt. T. J. Day "
 Gen. Pass. Agt. O. A. Smith "
 Ch. Engr. R. T. Jackson.... "
 Ch. Engr. Pwr. Sta. J. E. Jones...Exeter
 M. M., A. A. Benn..... "
 Roadmaster, J. E. Lane..... "
 Energy purchased from Mt. Whitney
 Pwr. & Elec. Co.; trans. volt. 11,000 v;
 trolley volt. 3800 v; 2 a. c. West. tot. 750
 kw. 11,000 v. s. ph. 15 cys.
 4 sub. stas. cap. 1500 kw.
 Repair shops at Exeter.
 Reaches Terminus Beach.
 69.4 miles (16.64 miles of track owned
 by Southern Pacific Co.); 4-8½ g. ovhd.
 8 motor pass. cars, 1 gas-elec. pass. car,
 and 8 other cars; 1 elec. loco. and 1 gas
 elec. loco. 118

FRESNO. 34,958 (1916).

(See also No. 33.)

40—Fresno Interurban Ry. Co.—
 Gen. Office, 464 California St. (Operates
 in Fresno and extends 17 miles east of
 Fresno to Sunmaid; does mostly freight
 business and has connections with
 Santa Fe and Southern Pacific at
 Fresno.)
 Pres. & Gen. Mgr. Thos. M. Paterson
 464 Calif. St., San Francisco
 V. Pres. F. O. Cooke..... "
 Sec. & Audr.
 Geo. H. Bradner..... "
 Supt. & Pur. Agt.
 W. F. Fuller..... Fresno
 Cl. Agt. & Gen. Fgt. & Pass. Agt.
 F. L. Farrell "
 Energy purchased from San Joaquin
 Lt. & Pwr. Corp.; 1 d. c. G. E. 100
 kw; trolley volt. 550 v.
 Repair shops at Alvina Heights.
 19 miles; 4-8½ g; 2 elec. motor cars
 and 1 gasoline motor car. (Expects to
 build 6 miles to Centerville and Kings
 River head gates.) 118

41—Fresno Traction Co.—Gen. office,
 Pacific Electric Bldg., Los Angeles
 (Leases Fresno City Ry. Co. (8.14 miles).
 (Controlled by Southern Pacific Co.)
 Pres. W. F. Herrin..... San Francisco
 V. Pres. Paul Shoup..... "
 Sec. & Audr. H. A. Culloden.. "
 Treas. M. S. Wade..... "
 Gen. Mgr. Frank W. Webster..... Fresno
 Supt. E. A. D'everaux "
 Claim Agts. Everts & Ewing..... "
 Pur. Agt. I. L. Ward Los Angeles
 Ch. Engr. A. H. Babcock
 Flood Bldg., San Francisco
 M. M., E. G. Snider..... Fresno
 Energy purchased from San Joaquin
 Lt. & Pwr. Corp.; 4 d. c. motor-gen. sets
 G. E. West, Allis-C. tot. 1400 kw; trolley
 volt. 550 v.
 Repair shops. First and Tulare Sts.
 Reaches and owns Recreation Park and
 Fresno Beach.
 45.01 miles; 4-8½ g; 32 motor cars and
 1 elec. loco; 2 other cars. (In addition to
 the above mileage, owns 8.51 miles leased
 to and operated by Southern Pacific Co.)
 59

GLENDALE. 8,897 (1913).

42—Glendale & Montrose Ry.—
 Office, 109 East Broadway. (Connects
 Glendale, Eagle Rock, Montrose and
 La Crescenta.)
 Pres. Wm. G. Henshaw
 762 Mills Bldg., San Francisco
 V. Pres. John Treanor
 640 Title Ins. Bldg., Los Angeles
 Sec. & Treas. C. L. McFarland,
 Evans Block, Riverside
 Audr. J. H. Woods
 640 Title Ins. Bldg., Los Angeles

Gen. Mgr. R. M. Wallitz
 640 Title Ins. Bldg., Los Angeles
 Supt. & Pur. Agt.
 P. L. Hatch " "
 Gen. Fgt. & Pass. Agt. " "
 M. W. Mills " "
 Engr. Maint. of Way
 W. A. Mulligan " "
 Energy purchased from Southern Cali-
 fornia Edison Co.; 1 d. c. Bull 200 kw;
 2200 v. 3 ph. 60 cys; trans. volt. 10,000 v;
 trolley volt. 575 v.
 1 sub-sta; 1 mo. gen. set.
 Sub-sta. and repair shop, Montrose.
 8½ miles; 4-8½ g; 5 motor pass., 1 flat
 and 1 line car., 1 elec. loco. (Contem-
 plates 6-mile extension to Sunland. ★56

GRASS VALLEY. 4,520.

43—Nevada County Trac. Co.—
 Office, Room 707, 354 Pine St., San
 Francisco, Cal.-
 Pres. John Martin..... San Francisco
 Sec. & Treas. F. H. Pierson.. "
 Gen. Mgr. & Pur. Agt.
 C. C. Skewes..... Grass Valley
 Elec. Engr., Ch. Engr. Pwr.
 Sta. & M. M., T. C. Thomas "
 2 d. c. G. E. tot. 300 kw; 2 a. c. Stanley
 tot. 300 kw. 4200 v. 3 ph. 60 cys; trans.
 volt. 4200 v; trolley volt. 600 v.
 Pwr. sta. and repair shops at Glenbrook
 Olympia Park reached.
 5 miles; 4-8½ g; 4 cars. 118

INGLEWOOD. 1,586.

(See No. 46.)

LA JOLLA. 1,200.

(See No. 56.)

LOS ANGELES. 319,198.

(See also Nos. 34, 39, 41, 71, 72, 74
 and 77.)

45—Los Angeles & Mt. Washington
Ry. Co.—Office 200 Marsh-Strong
Bldg. (Incline to top of Mt. Wash-
ington.)
 Pres. Robt. Marsh..... Los Angeles
 V. Pres. J. E. Marsh..... "
 Sec. & Treas. R. D. Middleton "
 Energy purchased from Pacific Lt. &
 Pwr. Corp.
 Owns hotel and 14-acre park on Mt.
 Washington.
 3000 ft. (electric, 3rd rail, cable); 3-6 g;
 2 cars. 78j

46—Los Angeles Ry. Corp.—Office,
 6th & Main Sts. (Successor to Los An-
 geles Ry. Co.—narrow gauge lines of
 Pacific Elec. Ry. and Los Angeles Inter-
 urban Ry. in Los Angeles, and all those
 portions of the Los Angeles & Redondo
 Ry. Co. and California-Pacific Ry. Co.
 north of a line running through Athens
 and Hawthorne.) (Controls City Rail-
 way Co. of Los Angeles.) Connects
 Los Angeles Eagle Rock, Colegrove and
 Vernon, Huntington Park, Sunnyside,
 HydePark and Inglewood.)
 Pres. H. E. Huntington
 25 Broad St., New York, N. Y.
 V. Prests. } W. E. Dunn..... Los Angeles
 } Howard Huntington "
 Sec., Treas., Compt. and Audr.
 C. A. Henderson..... "
 Gen. Mgr. G. J. Kuhrt..... "
 Supt. E. L. Lewis..... "
 Cl. Agt. T. A. Cole..... "
 Asst. } F. H. Van Vranken.. "
 Supts. } A. B. Merrihue..... "

Ch. Engr. Thos. W. Bulpin. Los Angeles
 Elec. Engr. L. O. Lieber..... "
 M. M., E. L. Stephens..... "
 Supt. Elec. Repairs, J. L. Clarke "
 Energy purchased from Southern California Edison Co: trans. volt. 15,000 v; trolley volt. 600 v; repair shops at 54th St. & South Park Ave.
 Reaches all parks in vicinity but one.
 389.08 miles; 3-6 g; 875 pass. 2 funeral, 49 motor service and 54 work cars without motors. ★59

47—Montecito Railroad Co.—Office, 204 Higgins Bldg. (Operates a local line in Los Angeles.)
 Pres. Berenice A. Johnson... Los Angeles
 Sec. Chas. P. Brown.... "
 Andr. M. E. Hammond. "
 1.46 miles; 3-6 g; 1 motor car.
 Dec. 13, 1918 — Road reported dismantled. 128

48—Pacific Elec. Ry. Co. — Office, Pacific Electric Bldg. (A consolidation of the Pacific Elec. Ry., Los Angeles Interurban Ry., Los Angeles & Redondo Ry. Co., Los Angeles-Pacific Co., The Riverside & Arlington Ry. Co., The San Bernardino Valley Trac. Co., Redlands Central Ry. Co. and San Bernardino Inter-Urban Ry. Co.) (Acquired property of Peck R. R. Co. and Ontario & San Antonio Heights R. R. Co.) (Connects Los Angeles with all principal suburban towns within a radius of 75 miles; also Mt. Lowe resort and direct line to mountain resorts of the San Bernardino & San Gabriel ranges, Rubio Canyon, La Ramada and direct line to mountain resorts of the San Gabriel range.) (Leases from Southern Pacific Co., branch from Clement Junction to Port Los Angeles Wharf including branch to Soldiers Home.) (Controlled by Southern Pacific Co.)
 SOUTHERN DIV. comprises: Whittier, La Habra, Fullerton, Santa Ana, Santa Ana - Orange, Santa Ana - Huntington Beach Lines, Seal Beach, Huntington Beach, Newport Beach, Balboa, Long Beach, Watts Local, Long Beach City Lines, Long Beach-San Pedro, San Pedro City, San Pedro via Dominguez, San Pedro via Gardena, Redondo via Gardena and El Nido-Hawthorne-El Segundo Lines and branches thereof, including Long Beach, San Pedro, and Redondo Terminals.

NORTHERN DIV. comprises: Edendale, Glendale, Burbank, So. Pasadena Local, Annandale, Pasadena Short Line, Pasadena via Oak Knoll, Mt. Lowe Line, Sierra Vista Local, Pasadena City Lamanda Park, Sierra Madre, Monrovia, Glendora, Alhambra, San Gabriel, Shorb, El Monte, Covina, San Dimas, Pomona, Pomona City Lines, Ontario, Upland, San Antonio Hts., San Bernardino, San Bernardino City, Colton, Redlands, Redlands City, Highland, Arrowhead, Riverside City, Victoria, Magnolia, Bloomington, Corona, and Rubidoux Lines and branches thereof.

WESTERN DIV. comprises Redondo Beach via Playa del Rey, Venice Short Line, Sawtelle, Venice-Inglewood, Venice-Playa del Rey, Westgate, Santa Monica Air Line with eastern terminus at Clement Junction, Santa Monica via Hollywood Line, Soldiers' Home, Coldwater Canon Line, Hollywood Local Lines, Lankershim, Van Nuys, Owensmouth and San Fernando Lines and branches thereof.

Pres. Paul Shoup..... San Francisco
 V. Pres. H. B. Titcomb..... Los Angeles
 Sec. & Andr. H. A. Culloden. "
 Treas. I. W. Hellman..... "
 Asst. Treas. M. S. Wade..... "
 Gen. Mgr. J. McMillan..... "
 Chief Counsel, Frank Karr... "

Gen. Supt. F. L. Annable.... Los Angeles
 Ass't Gen. Supt. J. C. McPherson "
 Pur. Agt. I. L. Ward "
 Tax Agt. F. A. Alspach "
 Mgr. Real Estate, Taxes & Rcsorts.
 C. H. Burnett..... "
 Gen. Claim Agt. S. A. Bishop.. "
 Gen. Pass. Agt. O. A. Smith. "
 Gen. Freight Agt. T. J. Day .. "
 Trav. Traffic Insp.
 J. A. Birmingham..... "
 Gen. Agt. Pass. Dept.
 R. E. Kelley..... "
 Gen. Agt. Freight Dept.
 F. C. Weeks "
 Gen. Agt. E. H. Sharpe... San Bernardino
 Supt. So. Div. O. P. Davis.. Los Angeles
 Asst. Supt. So. Div.
 S. E. Wilson..... "
 Supt. West. Div. W. C. White "
 Asst. Supt. West. Div.
 E. Clark..... "
 Supt. No. Div. A. C. Bradley.. "

Asst. Supts. { F. E. Peachey, San Bernardino
 No. Div. { C. H. Belt.... Los Angeles
 H. E. Rodenhouse Pasadena
 Traveling { F. E. Billhardt.. Los Angeles
 Pass. { A. H. Fidel "
 Agts. { H. O. Marler.... "
 Traveling Fgt. Agt.
 S. E. Cooper "
 Mech. Supt. Fred F. Small.... "
 Ch. Engr. F. C. Johnson "
 Elec. Supt. S. H. Anderson... "
 Asst. Elec. Supt.
 C. M. Warnecke..... "

Asst. Elec. Supt.
 (Chge. Pwr. & Elec. Distb.)
 Julian Adams..... "
 Asst. Elec. Supt. (Chge. Sub-sta.
 Const. & Maint.) W. F. Smith "
 Gen. Storekeeper
 C. C. Fenimore, 7th & Central "
 Pwr. sta. equip. 1 d. c. West. 1000 kw; 8 a. c. Bull, Stanley tot. 12,850 kw. 2200 v. 3 ph. 50 cys: 17,000 hp. e. Mcl. & S; 15,000 hp. (approx.) b. Stirling, Bab. & W. Edge; 2750 kw. turb. (stm.) West; trans. volt. 15,000 v; trolley volt. 575v. and 1200v. Energy purchased from Southern Cal. Edison Co.

Power stas. at 636 Central Ave., Los Angeles and Vineyard. Repair shops at 7th St. and Central Ave., Los Angeles, Sherman and Redondo.
 50 sub-stas. tot cap. 52,755 kw.
 Owns and reaches Alpine Tavern, Mt. Lowe; Urbita Springs Park, San Bernardino; Redondo Beach Resorts and Rubio Canyon. Reaches beach resorts at Santa Monica, Ocean Park, Venice, Long Beach, Balboa, Newport Beach, Seal Beach, and Anaheim Landing.
 1091 miles; 4-8½ g; 697 motor cars; 36 elec. locos; 1862 other cars. ★69

MARYSVILLE. 5,430.
 (See No. 36.)

MONROVIA. 3,576.
 (See No. 48.)

MONTEREY. 4,923.

49—Monterey & Pacific Grove Ry Co.—Office, 58 Sutter St., San Francisco. (Owned and operated by Coast Valleys Gas & Elec. Co., which is controlled by the California Ry. & Pwr. Co.) (Connects Del Monte, Monterey and Pacific Grove.)
 Pres. W. L. McKinley... San Francisco
 Gen. Mgr. H. F. Jackson.. "
 Sec. Treas. & Andr.
 F. J. Blanchard..... "
 Pur. Agt. L. C. Helfrick .. "
 Supt. C. H. Noack..... Monterey
 Ch. Engr. Jas. Thexter..... "
 Energy from Coast Valleys Gas & Elec. Co.

Energy purchased from San Diego Elec. Ry. Co.

Repair shops at 10th & N Sts.
117.4 miles (stm. & elec.); 4-8½ g; 36 pass., 3 gas-elec. and 342 fgt. cars. Electric cars are operated over 10 miles of the road by San Diego Elec. Ry. Co. 118

SAN FRANCISCO. 463,516 (1916)

(See also Nos. 36, 40, 43, 49, 51, 52, 53, 55, 75, 76 and 568.)

61—California St. Cable R. R. Co.—
Office, Hyde & California Sts.

Pres. J. Henry Meyer.....San Francisco
V. Pres. A. H. Payson.... " "
2d V. Pres., Gen. Mgr.
& Pur. Agt. Jas. W. Harris. " "
Sec. & Claim Agt.
Geo. A. Hare..... " "
Treas. J. Henry Meyer & Co. " "
Audr. Charles P. Stone..... " "
Elec. Engr. John R. Steel.. " "
Ch. Engr. Pwr. Sta.
C. Trubert..... " "
Roadmaster, Alfred Bowes. " "
Power sta. equip. 500 hp. e. Union I. Works; 500 hp. b. Bab. & W; 2-300 hp. G. E. d. c. motors.
Power sta. and repair shops at California & Hyde Sts.
11.5 miles (cable); 3-6 g; 50 cars. 59

62—Central California Trac. Co.

—Office, 637 Holbrook Bldg. (Connects Stockton, Lodi and Sacramento; leases lines in Stockton to the Stockton Elec. R. R.) (In 1916, entered into agreement with Tidewater Southern Ry. Co. for joint operation of the two lines.)

Pres. H. Fleishhacker.....San Francisco
1st V. Pres. M. Fleishhacker " "
2d V. Pres. Geo. W. Peltier
Calif. Natl. Bank, Sacramento
Sec. & Treas.
A. N. Baldwin.....San Francisco
Audr. M. E. Taylor
101 E. Weber Ave., Stockton
Gen. Mgr. Frank W. Webster " "
Supt. J. J. Hooper..... " "
Cl. Agt. & Traffic Mgr.
J. C. Stone..... " "
Gen. Fgt. & Pass. Agt.
A. E. Rhoades.....Sacramento
Pur. Agt. I. L. Ward

Pacific Elec. Bldg., Los Angeles
Elec. Engr. C. E. Spencer.... " "
M. M., A. H. Gazin.....Stockton
Roadmaster, A. Palm.....Los Angeles
Energy purchased from Western States Gas & Elec. Co.; trans. volt. 60,000 v; trolley volt. 1200—600 v. d. c.; repair shops; at Stockton.

70.8 miles (1200 v. & 600 v. d. c. — overhead trolley and third rail); 4-8½ g; 21 motor and 33 other cars; 1 loco. 118

63—Fairfax Incline Railroad Co.—

Office, 760 Market St. (Connects Fairfax with Mt. Top on Fairfax Manor.)
Pres. T. W. Rivers,
760 Market St, San Francisco
V. Pres., Sec. & Gen. Mgr.,
C. C. Rivers..... " "
Treas. Gray & Holt Co..... " "
Pur. Agt. Rivers Bros..... " "
Supt. H. G. Day..... Fairfax
Ch. Engr. & M. M. Ernest Claxton " "
Energy from Pacific Gas & Elec. Co.
1500 feet; double cable, electric hoist. ★59

64—Municipal Ry. of San Francisco—Office, 2600 Geary St.

Supt. Fred Boeken.....San Francisco
Asst. Supts. { Denis Collins.. " "
 { B. H. Roberts. " "
 { E. Chisbee.... " "
Ch. Clerk Wm. H. Scott
49 Broderick St., " "
Claim Agt. Jno. Leighton.. " "
M. M., Wm. C. Bendel.... " "
City Engr. M. M. O'Shaughnessy " "
Energy purchased from Pacific Gas & Elec. Co.; trolley volt. 575-600 v.
Repair shop at 2600 Geary St.
Reaches nearly all city parks.
58.14 miles; 4-8½ g; 197 motor pass. and 1 other motor car. 118

65—Northwestern Pacific R. R. Co.

(Federal organization)—Office, 64 Pine St. (Connects Eureka and San Francisco, via San Rafael, Petaluma, Santa Rosa, Ukiah, Willits, South Fork and Arcata. Electrical operations cover suburban territory between Sausalito, San Rafael, Manor and Mill Valley.
Gen. Mgr. W. S. Palmer....San Francisco
Asst. to Gen. Mgr. H. G. Jenkins, " "
Gen. Solicitor
Stanley Moore. 310 California St., " "
Fed. Audr.
W. B. Burris..... " "
Fed. Treas. & Pur. Agt.
H. W. Ellicott..... " "
Claims Atty. Elliott Johnson.... " "
Gen. Pass. & Fgt. Agt.
J. J. Geary..... " "
Ch. Engr. F. K. Zook..... " "
Asst. to Ch. Engr. Wm. Wollner.. " "
Fgt. Claim Agt. J. G. Brady..... " "
Supt. Motive Pwr. & Southern Div.
J. K. Brassill.....Sausalito
Supt. Northern Div. W. J. Hunter, Eureka
Ch. Elec. F. T. Vanata.....Sausalito
Div. Engr. M. of W., Northern Div.
R. W. Conant.....Eureka
Div. Engr. M. of W., Southern Div.
W. W. Winn.....Sausalito
Power sta. equip. 6 d. c. Stan. West, G. E., tot. 3200 kw; 2250 hp. e. McI. & S; 2100 hp. b. Bab. & W, Keeler; 1000 kw. turb. (stm.) West; trans. volt. 45,000 v; trolley volt. 600 v.
1 sub-sta. cap. 1500 kw; 3-500 kw. mo. gen. sets. G. E. Allis-C.
Power sta. at Alto; portion of energy purchased from Pacific Gas & Elec. Co.; repair shops at Sausalito.
85.60 miles (3rd rail); 4-8½ g; 40 motor and 22 other cars. ★59

66—Ocean Shore R. R. Co.—Office,

52 Eleventh St. (This is a steam road connecting San Francisco, Salada, Tobin, Farallone, Moss Beach, Granada, Princeton, Half Moon Bay and Tunitas (38 miles); also Santa Cruz and Swanton (16½ miles). Terminals of 4 miles in San Francisco operated by electricity.)

Pres. F. W. Bradley.....San Francisco
V. Pres. & Gen. Mgr.
John G. Sutton..... " "
Sec., Treas., Audr. & Pur. Agt.
J. W. Crosby..... " "
Claim, Fgt. & Pass. Agt.
J. A. Waldren..... " "
Supt. H. Horn..... " "
M. M., W. Hesse..... " "
Energy purchased from Pacific Gas & Elec. Co.
Repair shops at San Francisco.
Reaches Princeton-by-the-Sea.
54.5 miles in operation, 26.4 miles under construction, 4 miles of terminals operated by electricity; 4-8½ g; 3 motor, 27 pass., and 105 freight cars; 10 locos.

67—Southern Pacific Co. (Elec. Divs.)—Offices, 65 Market St., San Francisco, and 166 Broadway, New York, N. Y. (Includes Oakland, Alameda & Berkeley lines; controls Pacific Elec. Ry. Co., Fresno Trac. Co., Peninsular Ry. Co., Stockton Elec. R. R. Co., Visalia Elec. R. R. Co., and San Jose Railroads. Absorbed Portland, Eugene & Eastern Ry. Co.)

Chmn. & Pres.
 J. Kruttschnitt.....New York, N. Y.
V. Pres. & Asst. to Pres.
 Paul Shoup.....San Francisco
V. Pres. & Compt.
 A. D. McDonald.....New York, N. Y.
Sec. Hugh Neill..... " "
Treas. A. K. Van Deventer " "
Asst. Sec. W. F. Bull. " "
Asst. Treas. & Asst. Sec.
 G. L. King.....San Francisco
Corp. Andr. F. L. McCaffery " "
Dir. of Pur. F. W. Mahl " "
Supt. (Oakland, Alameda & Berkeley Elec. Lines)
 J. C. McPherson.....Oakland
Pur. Agt. F. W. Taylor.....San Francisco
Ch. Engr. William Hood " "
 Power sta. equip.: 2 a. c. West. E. M. Co. tot. 15,000 kw. 13,200 v. 3 ph. 25 cys; 7740 hp. b. Parker; 15,000 kw. atm. turb. West; trans. volt. 13,200 v; trolley volt. 1200 v.
 3 sub-stas. tot. cap. 15,000 kw; 10 rot. conv.
 130 miles; 4-8½ g; 85 motor, 60 trail and 2 baggage & express motor cars. (See also Portland (Ore.) Div.) ★69

68—United Railroads of San Francisco.—Office, 58 Sutter St. (Owns and operates a suburban line to San Mateo and leases the San Francisco Electric Railways (which owns the Parkside Transit Co. and the Visitacion Valley line) and the Gough St. R. R.; the South San Francisco R. R. & Pwr. Co. is part of this system.) (Controlled by the California Ry. & Pwr. Co., a subsidiary of the United Railways Investment Co.) (Negotiations pending for purchase of property by City of San Francisco.)

Pres. & Gen. Mgr.
 Wm. Von Phul.....San Francisco
V. Pres., Sec. & Compt.
 Geo. B. Willcutt..... " "
Treas. A. M. Dahler..... " "
Asst. Gen. Mgr. M. McCants " "
Gen. Supt. Henry T. Jones.. " "
Gen. Atty. W. M. Abbott.. " "
Pur. Agt. P. C. Paddock... " "
Claim Agt. J. H. Handlon.. " "
Engr. Maint. of Way & Constr. B. P. Legare.... " "
Supt. Cable Machinery L. P. Peterson
 Turk & Fillmore Sts., San Francisco
Engr. Elec. Equip. W. T. Bivins " "
M. M. J. M. Yount
 San Jose & Geneva Aves " "
 Energy purchased from Sierra & San Francisco Pwr. Co.; 3 d. c. G. E. tot. 650 kw; 1 a. c. G. E. motor 600 hp. 440 v. 3 ph. 60 cys; 500 hp. e. Ried; 920 hp. b. U. I. W; trans. volt. 11,000 v; trolley volt. 550 v.
 Repair shops at San Jose & Geneva Aves.
 372.77 miles (electric and cable); 3-6 g (cable) & 4 8½ g; 828 cars, of which 761 are electric motor and special cars and 67 cable cars. ★69j

69—California Ry. & Pwr. Co.—Office, 25 Broad St., New York, N. Y. (This is a holding company only and controls the United Railroads of San Francisco, the Sierra & San Francisco Pwr. Co., the Coast Valleys Gas & Elec. Co. and the San Francisco Elec. Rys. and is itself controlled by the United

Railways Investment Co. through ownership, either directly or through subsidiaries, of the outstanding preferred and common stocks.)
Pres. Mason B. Starring, New York, N. Y.
V. Prests. { S. H. March, " "
 { Geo. de B. Greene, " "
 { 43 Exchange Place, " "
Treas. B. S. Guinness,
Sec. P. M. Hoskins 39

SAN JOSE. 38,962 (1916)

71—Peninsular Ry. Co.—Gen. office, Pacific Elec. Bldg., Los Angeles. (Connects San Jose, Saratoga, Los Gatos, Campbell, Cupertino, Monta Vista, Mayfield, Palo Alto, Los Altos and Berryessa.) (Controlled by the Southern Pacific Co.)
Pres. Paul Shoup.....Los Angeles
Sec. & Andr. H. A. Culloden " "
Treas. M. S. Wade..... " "
Gen. Mgr. & Park Mgr.
 F. E. Chapin.....San Jose
Supt. C. F. Edmonds..... " "
Gen. Fgt. & Pass. Agt.
 E. G. Shoup..... " "
Pur. Agt. I. L. Ward..... Los Angeles
Ch. Engr. & Engr. M. of W.
 Henry H. Lynch.....San Jose
Elec. Engr. & Engr. Ovhd. Constr. " "
 W. H. Davison..... " "
 M. M., H. J. Rego..... " "
 Energy purchased from Pacific Gas & Elec. Co.; trans. volt. 11,000 v. 3 ph; trolley volt. 600 v. d. c.; 7 rot. conv. G. E. West. tot. 1950 kw.
 Repair shops at Sunol & San Carlos Sts. Reaches Congress Mineral Springs (owned) and Alum Rock Park (owned by city).
 97.40 miles; 4-8½ g; 46 motor cars (88 owned and 8 leased) 2 trailers and 8 fgt. cars. ★69

72—San Jose Railroads—Gen. office, Pacific Elec. Bldg., Los Angeles. (Connects San Jose & Santa Clara.)
Pres. W. F. Herrin.....San Francisco
V. Pres. Paul Shoup.....Los Angeles
Sec. & Andr. H. A. Culloden.. " "
Treas. M. S. Wade..... " "
Gen. Mgr. F. E. Chapin.....San Jose
Supt. C. F. Edmonds..... " "
Gen. Fgt. & Pass. Agt.
 E. G. Shoup..... " "
Pur. Agt. I. L. Ward.....Los Angeles
Ch. Engr. & Engr. M. of W.
 Henry H. Lynch.....San Jose
Elec. Engr. & Engr. Ovhd. Constr. " "
 W. H. Davison..... " "
 M. M., H. J. Rego..... " "
 Energy purchased from Pacific Gas & Elec. Co.; trolley volt. 500 v; repair shop at 1070 Alameda Ave.
 Owns and reaches Luna Park.
 88.85 miles; 4-3½ and 3.5 g; 40 motor, 3 trail pass. 2 sprinklers (owned) 6 motor cars (leased.) ★59

SAN LEANDRO. 3,471.

(See No. 52.)

SAN LUIS OBISPO. 5,157.

73—Pacific Coast Ry. Co. (Elec. Div.) —Offices, 612 L. C. Smith Bldg., Seattle, Wash. and San Luis Obispo. (Connects Port San Luis, Avila, San Luis Obispo, Arroyo Grande, Santa Maria, Guadalupe, Orcutt, Sisquoc, Los Alamos & Los Olivos.)
Pres. E. C. Ward.....Seattle, Wash.
V. Prests. { N. D. Moore..... " "
 { E. W. Clark.....Los Angeles

Sec. & Andr. H. M. Watkins.. Seattle, Wash.
 Treas. R. S. Walker.....
 Supt. & Gen. Fgt. & Pass. Agt.
 J. M. Sims..... San Luis Obispo
 Pur. Agt. W. E. Nichols... Seattle, Wash.
 Ch. Engr. A. F. Marlon....
 M. M., D. W. Ford..... San Luis Obispo
 Roadmaster H. Bunce..... Santa Maria
 Energy purchased from Midland Counties Public Service Corpn., Santa Maria: 1 mo. gen. set Allis-C. 225 hp. 2200 v. 3 ph; trolley volt. 550 v.
 Repair shops San Luis Obispo.
 18 miles; 3 ft. g; use cars of 3 steam line; 3 elec. locos. 118

SAN PEDRO. 6,000.

(See No. 48.)

SAN RAFAEL. 5,934.

(See No. 57.)

SANTA BARBARA. 14,846 (1916).

74—Santa Barbara & Suburban Ry. Co. (Successor to The Santa Barbara Consolidated R. R. Co.)—Exec. office, 190 E. 4th St., Los Angeles; local office, Santa Barbara.
 Pres. W. A. Brackenridge... So. Pasadena
 V. Pres. C. A. Edwards... Santa Barbara
 Sec. S. M. Kennedy..... Alhambra
 Treas. W. L. Percy..... Los Angeles
 Pur. Agt. John Otto.....
 Supt. W. E. Erwin..... Santa Barbara
 M. M., Joseph N. Lloyd...
 Energy purchased from Santa Barbara Gas & Elec. Co.; trans. volt. 4000 and 2300 v; trolley volts 500 v; repair shop at Castillo St.
 Owns Ball Park.
 7.55 miles; 4-8½ g; 10 motor pass., 4 fgt. cars; 1 elec. loco. ★59

SANTA CRUZ. 14,594 (1916).

(See also No. 66.)

75—Union Traction Co. — Office 454 California St., San Francisco. (Successor to Santa Cruz Elec. Ry. Co. and Santa Cruz, Capitola & Watsonville Ry. Co.) (Connects Santa Cruz, Seabright, Del Mar, Opal and Capitola.) (Owned by the Coast Counties Gas & Elec. Co.)
 Pres. & Gen. Mgr.
 S. W. Coleman..... San Francisco
 V. Pres. R. M. Hotaling...
 Sec. & Treas. L. W. Pryor...
 Elec. Engr. R. L. Cardiff..... Santa Cruz
 Supt. G. L. Fitzgerald.....
 Energy purchased from Coast Counties Gas & Elec. Co.; trolley volt. 600 v.
 Repair shops at Santa Cruz.
 Reaches an amusement park.
 15 miles; 4-8½ g; 21 cars. 49

SANTA ROSA. 7,817.

(See No. 53.)

SELMA. 1,750.

(See No. 41.)

SOUTH SAN FRANCISCO. 1,989.

76—So. San Francisco R.R. & Pwr. Co.—Office, So. San Francisco. (Connects with United Railroads of San Francisco and operates from Lelpsic Crossing to South San Francisco water front. Part of United Railroads System.)
 Pres. Wm. J. Martin... So. San Francisco
 V. Pres. Wm. M. Abbott..... San Mateo
 Sec. J. R. Sloan..... San Francisco
 Treas. A. M. Dahler
 58 Sutter St., " "

Energy from United Railroads of San Francisco.
 3.48 miles; 4-8½ g; 5 cars.

STOCKTON. 35,358 (1916).

(See also No. 62.)

77—Stockton Elec. R. R. Co.—Gen. office, 65 Market St., San Francisco (Operates in Stockton; also, under 33-yr. lease, from Jan. 1, 1915, lines of the Central California Trac. Co. in Stockton) (Controlled by Southern Pacific Co.)
 Pres. Paul Shoup..... Los Angeles
 Sec. & Andr. H. A. Culloden...
 Treas. M. S. Wade.....
 Gen. Mgr. Frank W. Webster... Stockton
 Supt. J. J. Hooper.....
 Pur. Agt. I. L. Ward... Los Angeles
 Claim Agt. A. L. Levinsky..... Stockton
 Energy purchased from Western States Gas & Elec. Co.; trolley volt. 600 v.
 Repair shop at Stockton.
 Reaches Oak Park and Mineral Baths.
 25.51 miles; 4-8½ g; 32 motor pass. and 2 other cars. ★59

78—Tide Water Southern Ry. Co. —Office, 101 E. Weber Ave., Stockton. Connects Modesta, Turlock, Manteca, Stockton, Hilmar & Escalon. (Majority of stock owned by Western Pacific Ry.)
 Pres. Byron A. Bearce..... Stockton
 V. Pres. Karl C. Brueck.....
 Sec. C. F. Craig..... San Francisco
 Treas. Chas. Eisey.....
 Andr. J. F. Evans, Mill Bldg. "
 Gen. Mgr. E. L. Gamble..... Stockton
 Elec. Engr. W. H. Evans.....
 Energy purchased from Sierra & San Francisco Pwr. Co.
 2 sub-sta. tot. cap. 800 kw; 2 rot. conv. trolley volt. 1200 v. d. c.; repair shop at Stockton.
 65 miles; 4-8½ g; 3 motor and 1 other motor car; 1 elec. loco. 118

VALLEJO. 13,461 (1916).

(See No. 50.)

VISALIA. 4,550.

(See No. 39.)

COLORADO.**BOULDER. 11,669 (1916).**

79—The Western Lt. & Pwr. Co.—Office, Temple Bldg., Boulder.
 Pres. Guy E. Tripp.
 37 Wall St., New York, N. Y.
 V. Pres. D. A. Hegarty..... Boulder
 Sec. John Seager,
 37 Wall St., New York, N. Y.
 Andr. E. E. Sherman..... Boulder
 Treas. & Gen. Mgr. C. A. Semrad "
 Supt. C. L. Green..... "
 Pur. Agt. D. W. Guiney..... "
 Ch. Engr. Frank W. Laas..... "
 Elec. Engr. W. D. Bennetts..... "
 Ch. Engr. Pwr. Sta. Thos. Allen... Lafayette
 Power sta. equip. 4 a. c. turbo gen. Westg. tot. 6000 kw. 3 ph. 60 cys; 4411 hp. b. Franklin; 6000 hp. turb. Westg; trans. volt. 13,000 v; trolley volt. 550 v.
 Power sta. at Lafayette; repair shop at 12th and Arapahoe Sts.
 Reaches Chautauqua Park (owned by city).
 10.7 miles; 3-6 g; 9 motor and 5 other cars. (Co. does ltg. & pwr. business.) ★19†

COLORADO SPRINGS. 32,971 (1916).

80—The Mt. Manitou Park & Incline Ry. Co.—Office, 206 Mining Exch.

Bldg. (Connects Manitou to Mt. Manitou Park at summit of Mt. Manitou.)
 Pres. Spencer Penrose... Colorado Springs
 Sec. & Andr.
 E. S. Hartwell..... " "
 Treas. A. S. Gill..... " "
 Gen. Mgr. J. J. Cogan... " "
 Traffic Mgr. F. C. Matthews " "
 Energy purchased from Colorado Springs Lt., Ht. & Pwr. Co.; trans. volt. 6600 v.
 1 G. E. motor 75 hp. 220 v. 3 ph. 60 cys. belted and geared to cable sheaves.
 Reaches and owns park on summit of Mt. Manitou.
 1.25 mile cable; 2-6 g; 2 cars. 59

81—Colorado Springs & Interurban Ry. Co.—Office, 520 S. Tejon St. (Consolidation of Colorado Springs Rapid Transit Co. and Colorado Springs & Suburban Ry. Co.) (Connects Colorado Springs, Colorado City, Manitou, Roswell and Ivywild.)
 Pres. D. H. Rice,
 117 E. Pikes Peak Ave., Colorado Springs
 V. Pres. W. Lennox " "
 Sec. Wm. Lloyd..... " "
 Treas. C. S. Chamberlin..... " "
 Gen. Supt. B. M. Lathrop..... " "
 Claim Agt. J. O. Henry..... " "
 Ch. Engr. Pwr. Sta. C. E. Bibb
 W. Rio Grande St., " "
 M. M. Geo. Reid..... " "
 Roadmaster C. E. Elliott " "
 1812 Colorado Ave., " "
 Power sta. equip. 4 d. c. G. E. Bull. tot. 1825 kw; 2000 hp. b. Bab. & W; trans. & trolley volt. 570-560 v.
 Power stations at Rio Grande and Sierra Madre Sta; repair shop at 520 S. Tejon St.
 Owns Stratton Park and reaches Prospect Lake.
 39 miles; 4-8½ g; 84 motor pass., 5 ftg., and 6 other cars; 1 elec. loco. ★59

82—Cripple Creek & Colo. Springs E. R. (Elec. Div.)—Office, 301 Mining Exchange Bldg. (Connects Cripple Creek, Victor, Goldfield, Elkton, Independence, Anaconda and Colorado Springs)
 Pres. Spencer Penrose.. Colorado Springs
 V. Pres. J. J. Cogan... " "
 Sec. & Andr. E. S. Hartwell
 13 Independence Bldg. " "
 Treas. A. S. Gill..... " "
 Gen. Fgt. & Pass. Agt.
 F. C. Matthews,..... " "
 Pur. Agt. S. W. Baker,
 West End Sta. " "
 Ch. Mech. Engr.
 P. E. Brooks..... " "
 Ch. Engr. Pwr. Sta.
 W. H. Meldrim..... Cripple Creek
 M. M., M. J. Powers.
 West End Sta. Colorado Springs
 Roadmaster. D. Corbett " "
 Power sta. equip. 1 d. c. G. E. 225 kw; 3 rot. conv. West, G. E. tot. 840 kw. 3 ph. 30 cys; 350 hp. e. E. P. Allis; 345 hp. b. Kewanee; trans. volt. 22,000-6,600 v; trolley volt. 500 v. d. c. Energy also purchased from Arkansas Valley Ry., Lt. & Pwr. Co.
 Power sta. at Cameron, Cripple Creek Dist.; repair shops at Cripple Creek and Colorado Springs.
 18.5 miles; 4-8½ g; 7 motor pass; 3 trall pass. cars and 1 other car.

CRIPPLE CREEK. 6,206.
 (See No. 82.)

DENVER. 280,800 (1916).

83—The Denver & Intermountain E. R. Co.—Office, 805 Tramway Bldg. (Operates through ownership and by lease, freight trackage by steam and electricity from Denver to Golden and

Leyden; also operates by electricity from Denver to Barnum 3 miles).
 Pres. & Gen. Mgr. F. W. Hild.... Denver
 V. Pres. S. M. Perry
 Gas & Elec. Bldg. " "
 Sec. & Treas. H. S. Robertson.... " "
 Andr. Wm. A. Doty..... " "
 Gen. Supt. & Ch. Engr.
 Edward A. West..... " "
 Supt. Transp. J. L. Adams..... " "
 Supvr. of Safety S. G. Shaw..... " "
 Pur. Agt. W. S. Brackett..... " "
 Traffic Mgr. H. F. Wood..... " "
 M. M., G. W. Dolezal..... " "
 Bway & Alaska St., " "
 Supt. of Way A. M. Evans..... " "
 Supt. of Lines O. P. Morse..... " "
 Energy purchased from The Denver Tramway Co; trolley volt. 550 v.
 Repair shops at Broadway & Alaska Sts. Denver.
 55.42 miles; 4-8½ & 3-6g; 18 motor pass., 2 trall pass., 8 other motor and 150 other cars; 5 elec. and 2 atm. locos. ★59

84—The Denver & Interurban R. R. Co.—Office, Railway Exch. Bldg. (Connects Denver & Boulder, 41.40 miles, and branch to Eldorado Springs, 3.08 miles.)
 Pres. Charles E. Perkins..... Chicago
 V. Pres. & Gen. Andr.
 J. H. Bradbury..... Denver
 Sec. & Treas. W. H. Anderson.. " "
 Receiver William H. Edmunds... " "
 Energy from Western Lt. & Pwr. Co.; trolley volt. 11,000 v; a. c. s. ph. catenary. & 575 v. d. c.
 Repair shops at Denver.
 Reaches Eldorado Springs.
 44.43 miles; 4-8½g; 14 motor and 6 trall cars. ★59

85—The Denver & South Platte Ry. Co.—Office, 704 Tramway Bldg. Denver. (Connects Englewood and Littleton.)
 Pres. H. W. Hartman..... Denver
 Sec. & Treas. & Gen. Mgr. R. C. Larkin " "
 Energy purchased from the Denver Tramway Co.
 Repair shop at Littleton.
 Reaches two parks (leased).
 4.5 miles in operation; 15 miles under construction; 3-6 g; 2 motor pass. and cftg. car. ★59

86—The Denver Tramway Co.—Office, Tramway Bldg., 14th & Arapahoe Sts., Denver. (Acquired the properties of the Denver & Northwestern Ry. Co.) (Operates in Denver and connects Golden, Arvada, Leyden, Englewood and Aurora.)
 Chmn. Bd.
 Chas. Boettcher... Ideal Bldg., Denver
 V. Pres. S. M. Perry..... " "
 Sec. H. S. Robertson..... " "
 Treas. H. J. Alexander
 1st Nat. Bk. Bldg.. " "
 Andr. Wm. A. Doty..... " "
 Gen. Mgr. F. W. Hild..... " "
 Gen. Supt. & Ch. Engr.
 Edward A. West..... " "
 Supt. Transp. J. L. Adams..... " "
 Supvr. of Safety, S. G. Shaw.... " "
 Pur. Agt. W. S. Brackett..... " "
 Traffic Mgr. H. F. Wood..... " "
 Mech. Engr. Eugene Weber..... " "
 Supt. of Power, W. E. Casey.... " "
 M. M., G. W. Dolezal
 Broadway & Alaska St. " "
 Supt. of Lines O. P. Morse.... " "
 Supt. of Way, Alfred M. Evans... " "
 Power sta. equip. 3 d. c. G. E. tot. 3200 kw; 4 a. c. G. E. Westg; tot. 13,000 kw. 6600 & 2300 v. 3 ph. 25 cys; 21,700 hp. e. G. E., Whlk, Allis-C., West; 9625 hp. b.

Stirling; 11,500 kw. turb. (stm.) West. G. E.; trans. volt. 13,200 v; trolley volt. 600 v.

Power sta. at 14th & Platte Sts.; repair shops at Broadway & Dakota Sts.; also purchases energy from Colorado Pwr. Co.

Reaches City Park and Lakeside, Mountain, Berkeley, Washington and Cheesman Parks.

223.90 miles: 3-6 g. and 4-8½ g; 244 motor pass., 7118 trail pass., 40 other motor and 26 other cars. ★59

DURANGO. 4,686.

87 - Durango Ry. & Realty Co. - 812 Main Ave. (Connects Durango and Animas City.)

Pres. & Gen. Mgr. J. A. Porter University Club, Denver
V. Pres., Sec., Treas., Supt. & Pur. Agt. W. N. Bagby.....Durango
M. M. J. P. McKinney..... "

Energy purchased from The Western Colorado Pwr. Co.; trans. volt. 550 v.

Repair shop at Durango.

Owns Brookside and Animas City Parks and Fair Grounds.

2.5 miles; 4-8½ g; 5 motor pass. cars. ★59

GRAND JUNCTION. 10,000 (1911).

88 - The Grand River Valley Ry. Co. - Office, 3d & Main Sts., Grand Junction. (Connects Grand Junction and Fruita)

Pres. A. E. Carlton.....Colorado Springs
V. Pres. Spencer Penrose "
Sec. & Treas. Charles L. Tutt "
Gen. Mgr. J. Stewart.....Grand Junction
Gen. Supt. A. E. Anderson "
Ch. Engr. F. C. Merriell.. "
M. M. Roscoe Combs.. "
Ch. Engr. Pwr. Sta. Elec. Engr. H. P. Smith..... "
Roadmaster, N. P. Hansen "

Energy purchased from Grand Junction Elec. Gas & Mfg. Co.

Repair shops at Grand Junction.

1 sub-sta. cap. 300 kw; 2 rot. conv.

21 miles; 4-8½ g; 6 motor pass, 4 trail pass. 1 fgt. motor and 4 fgt. cars without motors; 1 elec. loco. (Company does lighting in Grand Junction and Fruita.)

★69

GREELEY. 11,420 (1916).

89 - The Greeley & Denver R. R. Co. - Office, Greeley. (Operates in Greeley.)

Pres. P. W. Allen.....Greeley
V. Pres. J. H. Woolf..... "
Supt. & Elec. Engr. C. L. Hartman..... "

Energy purchased from The Western Lt. & Pwr. Co.

Repair shops at Greeley.

6 miles; 4-8½ g; 6 cars. 118

PUEBLO. 63,000 (1917).

90 - Arkansas Valley Ry., Lt. & Pwr. Co. - Office, Electric Bldg. (Controlled through stock ownership by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.)

Pres. Arthur S. Huey.....Chicago, Ill.
V. Pres. & Gen. Mgr. W. F. Raber... Pueblo
Sec. Herbert List Chicago, Ill.
Asst. Sec. & Audr. E. J. Rosenauer, Pueblo
Treas. R. J. Graf..... Chicago, Ill.
Asst. Treas. Walter J. Bonning.... Pueblo
Supt. Ry. Dept. W. C. Porter.... "
Supt. Ltg. Dept. E. F. Stone..... "
Claim Agt. H. P. Vorles..... "
Pur. Agt. S. G. Cunningham..... "
Engr. Pwr. Sta. M. G. Lord..... "

Power sta. equip. 1 d. c. G. E. 800 kw; 2 a. c. G. E. tot. 1610 kw. 2900 v, 3 ph.

60 cys; 3424 hp. e. k. & S; 4635 hp. b. Cahall, Stir., Heine, Bab. & W; 3000 kw. (stm.) turb. Allis-C; 1050 kw. rot. conv. G. E.; trans. volt. 24,000-33,000 v; trolley volt. 550 v.

Power sta. at Pueblo, repair shops at Pueblo.

Reaches Minnequa Park.

35.3 miles: 4 g; 40 motor and 10 trail cars. (Additional power stas. at Canon City, Skagunay, Rocky Ford and La Junta for lighting and power service.)

★59

TRINIDAD. 13,875 (1916).

91 - Trinidad Elec. Transmission Ry. & Gas Co. - New York Office, 60 Broadway. (Controls city system and interurban road between Trinidad, Sopris, Starkville, Jansen, Jerryville, Thomasville, Piedmont, McBrideville, Cokedale, Viola and Sopris Plaza.) (Controlled by the Federal Lt. & Trac. Co., New York, N. Y.)

Pres. E. N. Sanderson..New York, N. Y.

V. Pres. & Treas. J. Dunhill " "

Sec. E. K. H. D'Aeth..... " "

Asst. Sec. H. J. Wightman.....Trinidad

Asst. Treas. Almer G. Fay..... "

Gen. Mgr. W. P. Southard..... "

Gen. Supt. & Ch. Engr. C. H. NicholsNew York, N. Y.

TRINIDAD PWR. STA. EQUIP. 4 a.

c. turbo-gen. West. G. E. tot. 10,625 kva.

2300 v. 3 ph. 60 cys; 4396 hp. b. Parker,

Franklin, A. & T; trans. 44,000-22,000-

6,600 & 2300 v; trolley volt. 550 v.

WALDEN STA. EQUIP. 2 a. c. turbo-

gen. West. tot. 3750 kva. 2300 v. 3 ph. 60

cys; 1600 hp. b. Wickes, Vil.; trans. volt.

6,600 v.

HASTINGS STA. EQUIP. 1 a. c. turbo-

gen. Allis-C. 1875 kva. 2300 v. 3 ph. 60 cys;

1000 hp. b. Wickes, Vil.

Repair shops at Trinidad.

Reaches Central Park.

19.85 miles; 4-8½ g; 8 pass. and 10

other cars. (Co. does gen. lgt. & pwr. business.) 128

CONNECTICUT.

ANSONIA. 16,704 (1916).

(See Nos. 98 and 104.)

BERLIN. 3,723.

(See No. 102.)

BRANFORD. 6,047.

(See also No. 104.)

92 - The Connecticut Co. (Branford Line.) - (Connects with New Haven and Stony Creek, also Guilford by means of Shore Line Elec. Ry. Co.)

For general officers see No. 103.

Mgr. F. P. Harlan.....New Haven

Energy purchased from the Conn. Lt. & Pwr. Co.; trolley volt. 600 v.

12 miles; 4-8½ g. 59

BRIDGEPORT. 121,579 (1916).

93 - The Connecticut Co. (Bridgeport Div.) (This division operates in and connects Stamford, Derby, Ansonia, New Haven, Norwalk, Westport, Southport, Fairfield, Bridgeport, Stratford, Milford & Shelton.) For general officers, see No. 103

Mgr. J. S. Goodwin.....Bridgeport

Claim Agt. A. B. Gould..... "

Ch. Engr. Pwr. Sta. F. R. Fowler " "

M. M. A. C. Colby..... " "

Roadmaster, M. E. Stark..... " "

Power sta. equip. 5 d. c. G. E. tot. 4800 kw.; 1 a. c. turbo-gen. G. E. 5000 kw. 11,000 v. 3 ph. 25 cys; 2 rot. conv. tot. 4000 kw; 6400 hp. e. Penn. Allis-C, Prov; 1500 hp. b. Bab. & W; trolley volt. 600 v.
Power sta. at Seaview Ave., repair shops at Congress St.
105.38 miles; 4-8½ g; 271 motor pass. 5 fgt. motor and 42 other cars. ★59

B3a—Danbury & Bethel St. Ry. Co. (Connects Bridgeport and Long Hill.) See Danbury. (Operations discontinued indefinitely.)
5 miles; 4-8½ g; 2 motor pass. cars. ★59

B4—The Lordship Railway—Office, 1188 Main St. (Connects Bridgeport and Stratford.)
Pres. F. A. Bartlett..... Bridgeport
V. Pres. Geo. B. Clark..... "
Sec. & Audr. Geo. L. Taylor, Jr. "
Treas. Lewis A. Corbett..... "
Gen. Mgr. Chas. H. Davis..... "
Supt. & Elec. Engr. M. C. Connell
Stratford & Hollister Ave. "
Energy purchased from The Conn. Co.
Repair shop at Stratford & Hollister Aves.
Owns and reaches Lordship Park.
4 miles; 4-8½ g; 7 motor cars. 118

BRISTOL. 15,927 (1916)

95—The Bristol & Plainville Tramway Co.—Office, 17 Riverside Ave. (Connects Bristol, Forestville, Plainville, Terryville and Lake Compounce.)
Chrmn. Bd. Charles H. Tenney. Hartford
Pres. A. B. Tenney.... Lexington, Mass.
V. Pres. D. Edgar Manson.. Boston "
Sec. & Treas. M. L. Tiffany..... Bristol
Asst. Treas. E. A. Bradley..... "
Mgr. G. E. Cockings..... "
Gen. Mgr.
Charles H. Tenney & Co., Boston, Mass.
Energy purchased from The Conn. Pwr. Co.
Sub-sta. equip. 1500 kw. stm. turb. Curtis; 1400 hp. b. Haz.
Repair shops at Bristol.
Reaches Amusement Park at Lake Compounce.
13.74 miles; 4-8½ g; 34 pass. cars (11 closed, 18 open and 5 combination), 3 snow plows and 1 other car. (Company does a general lighting (gas and elec.), power and steam heating business.) ★89

BURRVILLE. 130.

96—The Connecticut Co. (Torrington Div.)—For general officers, see No. 103
Supt. & M. M. Frank L. Hopkins. Burrville
Power sta. equip. 2 d. c. G. E. tot. 350 kw; 500 hp. e. Slater; 500 hp. b. Stewart, Kendall; trolley volt. 550 v.
Power sta. and repair shop at Burrville. Reaches Electric Park.
12.676 miles; 4-8½ g; 20 motor pass. 1 work, 2 flat and 2 other cars; 3 plows. ★59

DANBURY. 23,502.

98—Danbury & Bethel St. Ry. Co.—Office, 23 South St. (Connects Danbury and Bethel. Purchased the Bridgeport & Danbury Elec. Ry., operating between Bridgeport and Long Hill.)
Receiver, J. Moss Ives..... Danbury
Pres., Gen. Mgr., Pur. Agt. & M. M.
Stephen Crute..... "
Sec., Treas. & Supt.,
Geo. H. Klinzing..... "
Elec. Engr. Wm. Rosenbaum .. "
Ch. Engr. Pwr. Sta.
Eric Swanson..... "

Power sta. equip. 2 a. c. turbo-gen. G. E. tot. 1350 kw. 2200 v. 3 ph. 60 cys; 1100 hp. b. Rust, Bab. & W; trans. volt. 2200 v; trolley volt. 550 v.
Power sta. and repair shop at Danbury. Owns Kenosia Park.
16 miles; 4-8½ g; 35 motor pass. and 2 other cars. ★59

DERBY. 9,655 (1916)
(See Nos. 93 and 104.)

EAST LYME. 1,916.
(See No. 108.)

ESSEX. 2,745.
(See No. 108.)

FAIRFIELD. 6,134.
(See No. 93.)

HARTFORD. 110,969 (1916)
(See also Nos. 101, 109 and 311.)

99—The Connecticut Co. (Hartford Div.) Office, 127 State St.—(Connects Wethersfield, Hartford, West Hartford, Windsor, Glastonbury, East Hartford, Newington, Rockville, New Britain, Middletown, Unionville, Farmington, South Manchester and Stafford Springs.) For general officers, see No. 103.

Local Mgr. W. P. Bristol..... Hartford
Supt. Fred. Miller..... "
Asst. Supt. M. J. Scott..... "
Claim Agt. R. M. Marlowe..... "
Ch. Engr. Pwr. Sta. Chas. Miller "
M. M., W. E. Crilly..... "
Roadmaster F. P. McKaig..... "
Power sta. equip. 3 d. c. G. E., C.-W. tot. 2800 kw; 8 rot. conv. G. E. Westg. tot. 4000 kw. 6 ph. 25 cys; 3 a. c. turbo-gen. G. E. West. tot. 5000 kw. 11,000 v. 3 ph. 25 cys; 3600 hp. e. Penn. Allis-C; 4800 hp. b. Heine, Edge; [trans. volt. 11,000 v; trolley volt. 600 v.]
Sub-stas. at Buckland (2-300 kw. 3 ph. 25 cys. G. E. rot conv. 11,000 v.), Unionville (2-200 kw. 3 ph. 25 cys. G. E. rot. conv. 11,000 v.), and Rockville (2-400 kw. 3 ph. 25 cys. G. E. rot. conv. 11,000 v.)
Power sta. at 70 Commerce St.; repair shop at Vernon St.
Reaches Luna Park.
190.051 miles; 4-8½ g; 826 motor pass. 7 fgt. motor and 65 other cars. ★59

LEDYARD. 1,079.
(See No. 108.)

MERIDEN. 32,066.

100—The Connecticut Co. (Meriden Div.) (Connects Southington, Plantsville, Milldale, Cheshire, Meriden, So. Meriden, Tracy, Yalesville and Wallingford.) For general officers, see No. 103.
Supt.
Robert P. Lee... 127 Pratt St., Meriden
M. M., C. S. Symonds " "
Roadmaster T. E. O'Neill " "
Energy from Berlin; trans. volt. 11,000 v.
Sub-sta. at Hanover Park, Meriden; equip. 3-300 kw. 3 ph. 25 cys. G. E. rot. conv; trolley volt. 600 v.
Repair shop and car barns at 127 Pratt St., Meriden.
Reaches and owns Hanover Park.
38.185 miles; 4-8½ g; 61 motor pass. and 17 other cars. ★59

MIDDLETOWN. 20,749.

101—The Connecticut Co.—(Middletown Div.)—(Connects Meriden, Middletown, Portland, Rockfall, Cromwell, Middlefield Center, Rocky Hill and Hartford.) For general officers see No. 103.

Supt. F. A. Hewett.....Middletown
 Claim Agt. R. M. Marlowe.....Hartford
 Ch. Engr. Pwr. Sta. A. E. Goodrich, Berlin
 M. M., J. Booth.....Middletown
 Power sta. equip. 2 a. c. G. E. tot. 1700
 kw. 11,000 v. 3 ph. 25 cys; 3000 hp. e.
 Bckye; 1500 hp. b. Ken; 2-200 kw. 3 ph.
 25 cys. G. E. rot. conv; trans. volt. 11,000
 v; trolley volt. 600 v. (This sta. serves
 Meriden Div.)
 Power sta. at Berlin; sub. sta. (2-300
 kw. 3 ph. 25 cys. G. E. rot. conv. & 1-300
 kw. 3 ph. 25 cys. West. rot. conv.) and
 repair shops at Middletown.
 Reaches and owns Lake View Park.
 88.470 miles; 4-8½ g; 88 motor pass.
 and 12 other cars. ★59

MILFORD. 4,366.

(See No. 93.)

MYSTIC. 3,900.

(See No. 108.)

NEW BRITAIN. 55,000 (1918)

102—The Connecticut Co. — (New
 Britain Div.) Office, 88 Chestnut St.
 (Connects Kensington, Berlin, Plainville
 and New Britain.) For general officers
 see No. 103.

Supt. F. L. Beardsley.....New Britain
 Claim Agt. R. M. Marlowe.....Hartford
 M. M., Harry Connolly.....New Britain
 Gen. Track Fmn. T. E. O'Neil...Meriden
 Energy purchased from the Conn. Lt.
 & Pwr. Co.; trolley volt. 600 v.
 Repair shops at Chestnut St., New
 Britain.

83.472 miles; 4-8½ g; 50 motor pass.
 and 16 other cars. ★59

NEW HAVEN. 149,685 (1916)(See also Nos. 110, 450, 650, 736,
759 and 1133.)

103 — The Connecticut Co. — Gen.
 office, 129 Church St. (Operates under
 agreement West Shore Ry. Co.) (Leases
 New London Division to the Shore Line
 Elec. Ry. Co.) (Controlled by N. Y. N.
 H. & H. R. R.)

Pres. L. S. Storrs.....New Haven
 V. Pres. & Gen. Mgr.
 J. K. Punderford....."
 Sec. & Gen. Traffic Agt.
 Victor S. Curtis....."
 Treas. E. T. Chapman....."
 Comptr. I. A. May....."
 Pur. Agt. J. H. Sanford....."
 Ch. Engr. Pwr. & Equip.
 P. W. Ripple....."
 Elec. & Sig. Engr. H. M. Gould....."
 Constr. Engr. Chas. R. Harte....."

Total mileage and equip: 723.40 miles;
 4-8½ g; 1491 motor pass, 80 fgt. motor,
 4 fgt. without motors and 297 other
 cars; 2 electric locos. ★59

104—The Connecticut Co. — (New
 Haven Div.) (Connects New Haven,
 West Haven, Woodmont, Derby, An-
 sonia, Cheshire, Wallingford, Branford
 and Stony Creek.) For general officers,
 see No. 103.

Mgr. F. P. Harlan.....New Haven
 Supt. J. B. Judge....."
 Claim Agt. C. T. Matson....."
 Ch. Engr. L. A. Farnham....."
 M. M., James E. Dooley....."
 Roadmaster, P. N. Wilson....."

Power sta. equip. 7 d. c. G. E., C. W. tot.
 5500 kw; 1 a. c. turbo-gen. West. 7500
 kw. 11,000 v. 3 ph. 25 cys; 3 rot. conv.
 tot. 6000 kw.; 5500 hp. e. Weth., Allis-C.
 Bckye; 5000 hp. b. Big-Hornsby; trans.
 11,000 v; trolley volt. 600 v.

Power stas. at 458 Grand Ave., and Elm
 & River Sts., West Haven; sub-sta. (2-200
 kw. 3 ph. 25 cys. G. E. rot. conv. 11,000
 v.) at North Haven; repair shop, at 301
 Grand Ave.

Reaches and owns Savin Rock Park.
 178,568 miles; 4-8½ g; 486 motor pass;
 18 fgt. mo., 4 fgt. cars without motors
 and 94 other cars. ★59

**105—The New York, New Haven &
 Hartford R. R.—** Offices, New Haven,
 Boston and New York. (Co. operates
 by overhead trolley system main line
 from Woodlawn, N. Y., to Cedar Hill
 via Stamford (62.72 miles), Harlem River
 Branch (11.17 miles), New Canaan
 Branch (7.65 miles), Providence, War-
 ren and Bristol Branch (23.82 miles),
 and during summer its line between
 Nantasket and Pemberton (6.95 miles.)
 (Enters New York City over tracks
 of New York Central.) (Co. has also
 electrified tunnel at Providence, R. I.)
 (Controls all elec. rys. operated by
 The Connecticut Co. in Conn; also
 controls Berkshire St. Ry. Co. (which
 leases The Vermont Co. and operates
 Hoosick Falls R. Co.), New York,
 Westchester & Boston Ry. Co., New
 York & Stamford Ry. Co. and West-
 chester St. R. R. Co. of White Plains.)
 Federal Mgr. E. J. Pearson..New Haven
 Pres. E. G. Buckland....."
 Chmn. Comm. Intercorporate Relations,
 Howard Elliott.....New York, N. Y.
 V. Pres. & Compt.
 J. M. Tomlinson.....New Haven
 Sec. & Treas. A. E. Clark....."
 Asst. Sec'y's, { C. H. Hempstead "
 { W. H. Rowland "
 Federal Treas. A. S. May.... "
 Asst. Treas. { (Corporate) "
 { T. F. Paradise "
 { (Federal) "
 { A. W. Bowman "
 Executive Asst. E. G. Riggs.
 Rm. 3840 Grand Central Terminal,
 New York, N. Y.

Andr. Revenue, A. Mackrille..New Haven
 Gen. Mgr. C. L. Bardo....."
 Gen. Supts. { W. H. Foster... "
 { C. N. Woodward Boston, Mass.
 { J. A. Droege, New York N. Y.
 Asst. Gen. Supt.
 R. D. Fitzmaurice.....Boston, Mass
 Pur. Agt. Geo. G. Yeomans...New Haven
 Gen. Pass. Agt. A. B. Smith.. "
 1st Asst. Gen. Pass. Agt.
 F. C. Coley....."
 Gen. Fgt. Agt. L. H. Kentfield.. "
 Fgt. Claim Agt.
 G. L. Winlock.....Boston, Mass.
 Actg. Elec. Engr.
 S. Withington.....New Haven
 Supt. of Elec. Trans. H. Gilliam..Coscob

Mech. Supts. { A. A. Harris..... "
 { G. A. Moriarty, Boston, Mass
 { Supt. of Shops A. L. Ralston..... "
 Mech. Asst. W. L. Bean.....New Haven
 Engr. of Tests. H. P. Haas... "
 Inspnr. of Power Houses
 B. F. Bardo....."
 Supt. C. H. Motsett..Harlem River, N. Y.
 Ch. Engr. Pwr. Plant
 C. L. Peterson.....Coscob

Ch. Engr. Edw. Gagel.....New Haven
 M. M., S. R. Richards..Harlem River, N. Y.
 Engr. of Structure
 W. H. Moore.....New Haven
 Sig. Engr. C. H. Morrison... "
 Maint Engr.
 C. F. Yardley.....Harlem River N. Y.

Power sta. equip. 8 a. c. West. tot.
 35,510 kva. 11,000 v. s. ph. 25 cys; 16,030
 hp. b. Bab. & W. Big. Hornsby; 34,000
 kw. turb. (stm). Westg; trans. volt. 22,000
 v; trolley volt. 11,000 v. Energy purchased
 from United Elec. Lt. & Pwr. Co.,
 New York City.

Power sta. at Coscob, Conn.; repair
 shops at Stamford, New Haven and Van
 Nest.

450 miles (trolley volt. 11,000 v. a. c. catenary, s. ph. 25 cys. and 575 v. d. c.); 4-8½ g; (New York Div.) 27 mult. unit motor cars, 50 trailers and 106 electric locos; (Berlin-Middletown Br.) 5 motor cars; (P. W. & B. Br.) 34 motor cars; 25 trailers; (Nantasket Beach) 5 motor cars; 23 trailers. ★69

106—West Shore Ry. Co.—(Operated under agreement by The Connecticut Co.) (Connects West Haven and Woodmont.)

Pres. L. S. Storrs.....New Haven
Sec. Victor S. Curtis..... "
Treas. E. T. Chapman..... "

59

NEW LONDON. 20,985 (1916).

(See No. 108.)

NORWALK. 26,899 (1916)

107—The Connecticut Co.—(Norwalk Lines). Office, 10 High St. (Connects Stamford, Norwalk and Westport.) See New Haven for general officers.

Mgr. J. S. Goodwin.....Bridgeport
Supt. T. MacLean.....Norwalk
Claim Agt. A. B. Gould.....Bridgeport
M. M., A. C. Colby.....
Roadmaster. M. E. Stark..... "

Energy purchased from the Conn. Lt & Pwr. Co.; trolley volt. 600 v.
Controls Roton Point Park.
24.144 miles; 4-8½ g; 41 motor pass. and 9 other car. ★59

NORWICH. 28,219.

108—The Shore Line Elec. Ry. Co.—Office, 362 Main St. (P. O. Box 477). (Operates an electric railway between New Haven, Stony Creek, Guilford, Madison, Clinton, Westbrook, Old Saybrook, Essex, Ivoryton Deep River, and Chester. In July 1913, leased for 99 years that portion of the Connecticut Co. known as the New London Div. which is substantially local lines of New London and Norwich, line from New London to Norwich, Willimantic and Coventry, also line from Norwich to Jewett City, Plainfield, Central Village, Danielson, Dayville, Putnam to Grosvenordale. In 1916, purchased the following: Norwich & Westerly Traction Co., Westerly & Connecticut Ry. Co., Pawcatuck Valley St. Ry. Co. and Ashaway & Westerly Ry. Co., connecting Norwich, Poquettanuck, Hallville, Preston, Ledyard, N. Stonington, Conn., and White Rock, Ashaway, Westerly, Watch Hill, Pleasant View, Atlantic Beach, and Weekapaug, R. I., 33.15 miles; Groton & Stonington St. R. R. Co., connecting New London, Groton, Noank, Mystic, Stonington, Conn., and Westerly, R. I., 23 miles; New London & East Lyme St. Ry. Co., extending from New London to Waterford, Flanders to Ferry Road at Saybrook, East Lyme and Niantic, 25.7 miles.) (In 1917, The Shore Line Electric Railway Co. of Rhode Island was organized and has absorbed all rights possessed by Pawcatuck Valley St. Ry. Co., Ashaway & Westerly Ry. Co. and Westerly & Connecticut Ry. Co.)

Pres. R. W. Perkins.....Norwich
Sec. & Treas. A. E. Sherman.... "
Gen. Andr. J. F. Sorensen..... "
Andr. Geo. W. Geer..... "
Gen. Mgr. M. G. Stratton..... "
Supt. Transp. J. H. Cain..... "
Claim Agt. R. G. Staplin..... "
Gen. Fgt. & Pass. Agt. "

D. C. Peck.....New London
Pur. Agt. J. E. Vaughn.....Norwich
M. M. John Meilor..... "
Supt. Way & Struct. "
J. B. Whittemore..... "

Supt. Pwr. E. T. Phillips.....Norwich
Gen. Line Supt. "

J. H. Humphrey..... "
Power sta. equip. at Saybrook; 3 a. c. G. E. Allis C. tot. 3100 kw. 11,000 v. 3 ph. 25 cys; 1875 hp. b. Big; 4000 kw. turb. (stm.) G. E.; trans. volt. 11,000 v; trolley volt. 1200 v. d. c.

Power sta. equip. at Thamesville (P. O. Norwich); 1 d. c. G. E. 800 kw; 2 a. c. Westg. tot. 2250 kw. 3 ph. 25 cys; 1000 hp. e. Prov. Westg; 1600 hp. b. Bab. & W. Edge; trans. volt 11,000 v; trolley volt. 550 v.

Pwr. sta. equip. at Hallville; 3 a. c. Westg. tot. 1200 kw. 3 ph. 25 cys; 1500 hp. e. Ham, Cor; 1250 hp. b. Frank; trans. volt. 16,000 v; trolley volt. 600 v.

Power sta. equip. at Mystic; 2 d. c. West. tot. 650 kw; 970 hp. e. C. & G. Cpr; 606 hp. b. Stir; trolley volt. 600 v.

Power sta. at Saybrook, Thamesville, Mystic and Hallville; sub-sta. at Saybrook; repair shops at Saybrook, Greenville, Oswegatchie, Mystic and Hallville. Reaches Lincoln Park and Wequetequock Casino; owns Golden Spur Inn at East Lyme.

221.8 miles; 4-8½ g; 180 motor pass. and 41 other motor cars; 8 other cars. ★118

PLAINVILLE. 2,882.

(See No. 95.)

POQUETTANUCK. 400.

(See No. 108.)

PUTNAM. 7,280.

(See No. 108.)

SHELTON. 4,807.

(See No. 93.)

SOUTHINGTON. 6,516

(See No. 100.)

SOUTHPORT. 1,479.

(See No. 93.)

STAMFORD. 30,884 (1916).

(See Nos. 93, 105 and 736.)

STONEY CREEK. 1,200.

(See Nos. 92, 104 and 108.)

STRATFORD. 5,712.

(See No. 93.)

SUFFIELD. 3,841.

(See No. 109.)

TORRINGTON. 18,018 (1916)

(See No. 96)

WALLINGFORD. 11,155.

(See No. 100.)

WAREHOUSE POINT. 6,609.

109—Hartford & Springfield St. Ry. Co.—Office, Warehouse Point; Ex. office, 53 State St., Boston, Mass. (Operates Windsor Locks Traction Co., Somers & Enfield Elec. Ry. Co. and Rockville, Broad Brook & East Windsor St. Ry. Co.) (Connects Springfield, Mass., Hartford, Warehouse Pt., Thompsonville, Hazardville, Somerville, Somers, Broad Brook, Ellington, Rockville, Suffield, Windsor Locks.)

Pres. P. L. Saltonstall.....Boston, Mass.
V. Pres. Thos. C. Perkins.....Hartford
Sec. & Gen. Mgr. .

J. M. Mellor.....Warehouse Point
Treas. Geo. S. West.....Boston, Mass.
Audr. A. W. LuceHazardville
Pur. Agt. H. B. Freeman.....Hartford
Claim Agt. Robt. F. Kelly..Thompsonville
Ch. Engr. Pwr. Sta.

R. H. Gessner.....Warehouse Point
M. M. John Pasquerillo...Thompsonville
Roadmaster,
James Furey.....Warehouse Point
Supt. Ovhd. Lines

Harry Frew.....Thompsonville
Ch. Disp. J. F. Hannon...Warehouse Pt.
Power sta. equip. 3 d. c. G. E., tot.
1100 kw; 1800 hp. e. Weth, Cpr, Cor; 1000
hp. b. A. & T; trolley volt. 600 v.

Power sta. and repair shops at Ware-
house Point.

Reaches Piney Ridge Park (owned).
48 miles; 4-8½ g; 41 motor pass. and
7 other cars. ★59

WATERBURY. 73,141.

110—The Connecticut Co.—(Water-
bury Div.) Office, 57 N. Main St.
(Connects Waterbury and New Haven
via Cheshire; Waterbury and New
Haven via Derby and Naugatuck; Mid-
dlebury and Woodbury, Thomaston and
Watertown.) For general officers see
No. 103.

Mgr. Chas. H. Chapman.....Waterbury
M. M., W. S. Dixon..... “
Roadmaster, T. D. McCarthy.. “
Engr. Ovhd. Constr. Geo. Pfurr “

Energy purchased from the Conn. Lt.
& Pwr. Co.; trolley volt. 600 v.

Repair shops at W. Main St., Waterbury.
Reaches and owns Lake Quassapaug,
Middlebury (controlled) and Lakewood
Park (not controlled.)

84,888 miles; 4-8½ g; 151 mo. pass. 1
fgt. mo. and 31 service cars; 2 elec.
ocos. ★59

111—Waterbury & Milldale Tram-
way Co.—Office, 144 Bank St. (Ex-
tends from Waterbury to Milldale,
where connection is made with the
Conn. Co's. line for Meriden and New
Britain.)

Pres. Chas. H. Clark.....Milldale
1st V. Pres. & Treas.

Richard Elliott.....Southington
Sec. & Gen. Mgr.

John H. Cassidy.....Waterbury
Purchases energy.

8.5 miles; 6 motor cars. ★69

WEST HAVEN. 8,543.

(See Nos. 104 and 106.)

WESTPORT. 4,259.

(See No. 98.)

WILLIMANTIC. 12,670 (1916)

(See No. 106.)

DELAWARE.

DELAWARE CITY. 1,182.

(See No. 112.)

NEW CASTLE. 3,351

113—Wilmington, New Castle &
Delaware City Ry. Co. (Consoli-
dation of Wilmington, New Castle &
Delaware City Ry. Co. and Wilming-
ton Southern Traction Co.)—Office, 834
Market St., Wilmington. (Connects
Delaware City, Riverside, Dobbinsville,

New Castle and Wilmington.) (Con-
trolled, through stock ownership, and
leased by Wilmington & Philadelphia
Trac. Co.)

Pres. Van Horn Ely,
1321 Walnut St., Philadelphia, Pa.

V. Pres. & Gen. Mgr.
T. W. Wilson.....Wilmington

Sec. & Treas. C. N. Ryan.... “
Audr. C. E. Yost..... “

Supt. Wm. A. Heindle..... “
Energy from Wilmington & Philadelphia
Trac. Co.

17 miles; 5-2½ g; 14 motor and 4 other
cars. 118

WILMINGTON. 94,265 (1916)

(See also Nos. 112, 205, 704, 706, 981
and 982a.)

113—Wilmington & Philadelphia
Trac. Co., The—Office, 834 Market St.,
Wilmington. (Owns all the stock of
Southern Penn. Trac. Co., Chester &
Eddystone St. Ry. Co., Wilmington,
New Castle & Delaware City Ry. Co.,
Peoples Railway Co. and Wilmington
Lt. & Pwr. Co., which last three compa-
nies it leases; also leases and operates
the Wilmington City Ry. Co., Wilming-
ton & Edgemoor Elec. Ry. Co., Gordon
Heights Ry. Co., Front & Union St. Ry.
Co. and Wilmington City Elec. Co., of
which companies the United Pwr. &
Transp. Co., owns entire capital stock,
directly or indirectly.) (Controls and
operates through the above leases and
through the Southern Penn. Traction Co.
all electric light and power business in
the City of Wilmington and vicinity, and
street railway lines in Wilmington,
New Castle and Delaware City, Del.,
Chester and Media, Pa., and suburban
lines connecting the above places with
each other and with the City of Phila-
delphia, comprising a total of 136 miles
of track.) (Controlled by The American
Railways Co.)

Pres. Van Horn Ely
1321 Walnut St., Philadelphia, Pa.

V. Pres. & Gen. Mgr.
T. W. Wilson.....Wilmington

Sec. & Treas. C. N. Ryan.... “
Asst. Treas. Frank J. Pryor “

Audr. C. E. Yost..... “
Supt. Ry.

Wm. A. Heindle..... “
Pur. Agt. G. C. Weirick..Philadelphia, Pa.

Supt. Transp.
H. H. Geiger.....Wilmington

Claim Agt. A. G. Jack.....Chester, Pa.
Elec. Engr., Supt. Lt. & Pwr. Dept.

A. T. Throop.....Wilmington
Ch. Engr. Pwr. Sta.

Geo. T. Bromley..... “
M. M., J. W. Gould..... “

Power sta. equip. 9 d. c. G. E., Bull.
tot. 2050 kw; 5850 hp. e. Weth; 9400 hp.

b. Ster. Edge, Heine; 8400 kw. stm. turb.
G. E. West, Allis-C; trans. volt. 2200 v;

trolley volt. 550 v; energy also purchased
from Delaware County Elec. Co.

Power stas. and repair shops at Wil-
mington and Chester.

Owens Shellpot Park and Brandywine
Springs Park.

136 miles; 5-2½ g; 371 cars, of which
295 have electric equipment. Sells energy.
★49†

DISTRICT OF COLUMBIA.

WASHINGTON. 331,069.

(See also No. 391.)

114—The Capital Traction Co.—
Office, 36th & M Sts., N. W. (Leases
the Washington & Maryland Ry. Co.)

Pres. Geo. E. Hamilton..... Washington
 V. Pres. D. S. Carll..... "
 V. Pres. (in chge. oper.)
 J. H. Hanna..... "
 Sec. & Mgr. Claims Dept.
 H. D. Crampton..... "
 Treas. R. D. Simms..... "
 Supt. Transp. G. W. Shockey
 Supt. Traffic E. Von Culin... "
 Pur. Agt. J. Fleming..... "
 Claim Adjt. T. G. Hill..... "
 Elec. Engr. R. H. Dalglish.. "
 Ch. Engr. Pwr. Sta.
 A. H. Sparshott..... "
 M. M. W. H. McCarty..... "
 Engr. M. of W.,
 H. P. Hunting..... "
 Roadmaster, F. Morrill..... "
 Power sta. equip. 4 d. c. G. E. tot. 2100 kw; 4 a. c. Westg. tot. 11,000 kw. 3 ph. 25 cys; 3200 hp.e. Allis-C; 8800 hp. b. Bab. & W. A. & T; 11,000 kw. stm. turb. Westg; trans. volt. 6600 v; trolley volt. 600 v. 3 sub-sta. tot. cap. 9750 kw.
 Power sta. at Wis. Ave. & K St., N. W., and Chevy Chase, Md.; repair shop at 3223 M St., N. W.
 Reaches Chevy Chase Lake, Md. 69.573 miles (48,556 underground and 21,017 overhead); 4-8½ g; 433 motor and 244 other cars. (Company sells energy to railways.) 118

115 — East Washington Heights Trac. R. R. Co.—Office, 2500 Pennsylvania Ave., S. E. (Connects Randle Highlands with the National Capital and operates along Pennsylvania Ave.)
 Pres. Arthur E. Randle. Randle Highlands
 V. Pres. & Gen. Mgr.
 Oscar C. Brothers... "
 Sec. & Treas.
 John D. Harman, Jr. "
 Energy purchased from Capital Trac. Co.
 1 mile; 4-8½ g; 2 cars. 128

115a—Washington-Great Falls Ry. & Pwr. Co.—Office, 603 Hibbs Bldg. (Extends from Bradley Lane and Wisconsin Ave. to Great Falls, Md.)
 Pres. Gardner L. Boothe..... Washington
 Sec., Treas. & Gen. Mgr.
 J. C. Freeland..... "
 Energy purchased from Washington & Rockville R. R. Co.
 10.5 miles. 18

116—Washington-Interurban R.R. Co.—Office, 231-14th St., N. W. (Connects Washington, D. C., Cottage City, Bladensburg, E. Riverdale and E. Berwyn, Md.) (Controlled by Washington Ry. & Elec. Co.)
 Pres. W. F. Ham..... Washington, D. C.
 V. Pres. & Sec.
 S. R. Bowen..... "
 Treas. Atwood M. Fisher " "
 Asst. Sec. & Treas.
 Wm. L. Clarke..... " "
 Compt. A. G. Neal..... " "
 Gen. Atty. J. S. Barbour " "
 Supt. J. H. Stephens.. " "
 Supt. Transp.
 W. M. Casey..... " "
 Engr. Way & Structures
 C. S. Kimball..... " "
 M. M. R. D. Voshall " "
 2411 P St., N. W.
 Pur. Agt. R. W. Crowell " "
 Energy purchased from Washington Ry. & Elec. Co; trolley volt. 500 v.
 Repair shops at 2411 P St., N. W.
 8.253 miles; 4-8½ g; 1 motor pass car. ★69

117—Washington & Maryland Ry. Co.—Office, 1413 H St., N. W. (Purchased franchise and assets of Baltimore & Washington Transit Co.) (Connects Takoma Park, Md. and Washington.) (Leased to The Capital Trac. Co.)

Pres. Chas. Selden, Jr..... Washington
 V. Pres. & Gen'l Atty., Henry W. Williams
 Fidelity Bldg., Baltimore, Md.
 Sec. N. M. Little..... Washington
 Energy purchased from Washington Ry. & Elec. Co.; trans. volt. 6600 v; trolley volt 550 v; 1 rot. conv. G. E., 250 kw. 600 v. 3 ph. 25 cys: 3 transf. G. E. Sub-sta. at Takoma Park, Md.
 4 miles; 4-8½ g; 4 cars. 118

118—Washington & Old Dominion Railway—Office, 3506 M St., N. W., Washington. (Connects Washington D. C., Alexandria, Bluemont and Great Falls, Va.)

Pres. Colin H. Livingston.... Washington
 V. Prests. { E. B. McLean "
 { Corcoran Thom... "
 Sec. & Treas. A. K. Stratton.. "
 Gen. Mgr. J. V. Davis..... "
 Gen. Fgt. & Pass. Agt.
 G. C. Baggett..... "
 Comm. & Claim Atty.
 S. C. Bumgarner..... "
 Ch. Engr. James Mainland... "
 Asst. Elec. Engr.
 H. W. Kidwell..... "
 Asst. Engr. Maint. of Way & Structures
 W. E. King..... "
 Power sta. equip. 2 a. c. Westg. tot. 1250 kw. 400 v. 8 ph. 25 cys; 1500 hp. b. Stir; 2500 kw. turb. (stm.) Westg; trans. volt. 33,000-22,000 v; trolley volt. 650 v. 7 sub-sta., 10 rot. conv., & 1 mo. gen. set.
 Power sta. and repair shops at Rosslyn, Va.
 Owns Great Falls Park.
 89 miles; 4-8½ g; 19 motor and 18 other cars; 12 steam & 4 elec. loco. (Will purchase energy from Potomac Elec. Pwr. Co.) ★59

119 — Washington Ry. & Electric Co.—Office, 14th & C Sts. N. W. (Controls the following: City & Suburban Ry. of Washington (which owns Washington, Berwyn & Laurel Elec. Ry.), 41.42 miles; Georgetown & Tenallytown Ry. Co., 8.56 miles; Washington & Glen Echo R. R. Co.; Washington & Rockville R. R. Co., 11.5 miles; Washington, Woodside & Forest Glen Ry. & Power Co., 2.94 miles; Washington Interurban R. R. Co., 8.03 miles and Potomac Elec. Pwr. Co.)
 Pres. W. F. Ham..... Washington
 V. Prests. { Sec. S. R. Bowen " "
 { Allen G. Hoyt, New York, N.Y.
 Treas. Atwood M. Fisher,
 231 14th St., N.W., Washington, D.C.
 Asst. Sec. & Treas.
 Wm. L. Clarke..... " "
 Compt. A. G. Neal..... " "
 Gen. Atty. John S. Barbour..... " "
 Supt. J. H. Stephens..... " "
 Supt. of Transp. W. M. Casey.. " "
 Engr. Way & Structures
 C. S. Kimball..... " "
 Pur. Agt. R. W. Crowell..... " "

{ C. S. Wilson,
 Benning Pwr. Plant.
 Engrs. Pwr. Stas. { J. W. Carroll,
 Washington, D. C.
 M. M. R. D. Voshall... 2411 P St., N. W.
 POWER STA. EQUIP., 14th & B. Sts., N. W.—8 d. c. G. E. tot. 4850 kw; 6800 hp.e. McL. & S; 4950 hp. b. Bab. & W; trans. volt. 2900-220-110 v.
 BENNING RD. STA. EQUIP.—7 a. c. G. E. tot. 67,000 kw. 8 ph. 25 cys; 14,100 hp. b. Bab. & W; 70,000 hp. turb. (stm.) G. E; trans. volt. 18000 v; trolley volt. 600 v.
 Power houses at 14th and B Sts., N. W. & Benning Road & Eastern Branch; repair shop at 2411 P St.

Reaches Glen Echo Park.
Furnishes energy for light, power and railway.

Washington Ry. & Elec. Co., 101.32 miles; tot. mileage 175.855 miles, 4-8½ g. of which 63.849 miles are underground and 112.006 miles overhead electric 549 motor pass. 75 trail pass. fgt. motor and 33 service cars. 25 snow plows and sweepers; 2 elec. locos. ★69

120—Washington Utilities Co.—Office, Rms. 1 & 2, Alexandria Natl. Bk. Bldg., Alexandria, Va. (Inc. in Nov., 1911, as Maryland-Virginia Railway Co. Name changed in Nov., 1912, to above; chartered to construct a line from Nauck, Va., to Manassas, Va.)
Pres. Norman Grey..... Washington
Sec. & Treas. J. C. Freeland.. " 18

121—Washington-Virginia Ry. Co.—Executive office, Hibbs Bldg.; operating office, 1202 Pennsylvania Ave. (Connects Washington, D. C., Alexandria, Mt. Vernon, Radio, Ballston, Falls Church, Dunn Loring, Nauck, Clarendon, Vienna, Fairfax, Arlington, Arlington National Cemetery and Ft. Myer, Va.)

Pres. Norman Grey... Washington, D. C.
V. Pres. David A. Howe..... "
Sec. Gardiner E. Boothe..... "
Treas. J. C. Freeland..... "
Gen. Mgr.

R. W. King... 1202 Penna. Ave. "
Claim Agt. Thos. H. Travers.... "
Civil Engr. C. A. Sinclair..... "
Elec. Engr. J. H. Stephens..... "
Gen. Supt. J. W. Rich..... "
Supt. Mt. Vernon Div. P. E. Clift "
M. M. Daniel Schum. Four Mile Run, Va.
Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 3 a. c. Westg. tot. 2000 kw. 3 ph. 25 cys; 1500 hp. e. Prov; 2000 kw. turb. (stm.) Westg; 2300 hp. b. Stir, Big; trans. volt. 6600 v; trolley volt. 600 v.

Sub-stas. at Arlington Junction, Alexandria, Lacey and Vienna; repair shops at Four-Mile Run and Lacey, Va.

Reaches Washington Luna Park.
63.36 miles; 4-8½ g; 41 motor and 38 other cars. 18

FLORIDA.

FERNANDINA. 3,482.

123—Fernandina Munic. Ry.—Office, 11th & Centre Sts, Fernandina. (Controls Old Amelia Beach Co. Road) (Connects Fernandina and Amelia Beach; operates during summer months only.)

Treas. H. P. Williams..... Fernandina
Gen. Mgr. & Supt.

C. H. Klotz..... "
City Clerk & Par. Agt.

W. S. Whitney..... "
Ch. Engr. W. C. Veach..... "

Power sta equip. d. c. Bull. 75 kw; 2 a. c. G. E. tot. 200 kw. 110 v. 60 cys.; 325 hp. e. Ball Wood Skir. H. F. & M.; 400 hp. b. Atlas Schof; trolley volt. 550 v.
1 sub-sta. cap. 200 kw.

Power sta. at cor. 11th & Centre Sts; repair shops at 13th & Beach sts.

Reaches Amelia Beach (owned).
2½ miles; 4-8½ g; 2 motor pass.
3 other cars. (Co. does general lgt. and pwr. business in Fernandina.) ★69

JACKSONVILLE. 66,850 (1915)

124—Jacksonville Traction Co.—Gen. Office, Jacksonville; ex. office, 147 Milk St., Boston, Mass. (Company does

entire electric railway business in Jacksonville.)

Pres. Geo. J. Baldwin

55 Wall St., New York, N. Y.

V. Pres. Harry H. Hunt.... Boston, Mass.

Treas. Henry B. Sawyer.... "

Asst. Treas. Peter M. Miller. Jacksonville

Gen. Mgrs.

Stone & Webster..... Boston, Mass.

Local Mgr. Hardy Croom... Jacksonville

Claim Agt. J. S. Harrison.... "

Supt. B. T. Longino..... "

Pur. Agt. C. E. Bostwick, Jr. "

Ch. Engr. Pwr. Sta.
W. N. Norris..... "

M. M., A. B. Bowman..... "

Power sta. equip. 2 d. c. G. E. tot. 2400 kw; 3000 hp. e. Nord; 1200 hp. b. Edge; trolley volt 600 v.

1 sub-sta. 500 kw. cap.

Power sta. at Riverside Ave. & Lelia St.

(tot. cap. 1875 kw.); repair shops at Riverside Ave. & McCoy St.

62.6 miles; 5 g.; 115 motor pass. and 4 other cars. 78

KEY WEST. 19,945.

125—The Key West Elec. Co.—Boston office, 147 Milk St.; local office, Duval and Green Sts., Key West. (Does the entire street railway and electric lighting and power business in Key West.)

Pres. Geo. J. Baldwin

55 Wall St., New York, N. Y.

V. } Henry G. Bradlee. Boston, Mass.

Pres. } Harry H. Hunt.... "

Sec. Ernest I. Doe..... "

Treas. Henry B. Sawyer.... "

Asst. Treas. Arnold Swain.... Key West

Gen. Mgrs.

Stone & Webster..... Boston, Mass.

Mgr. B. L. Grooms..... Key West

Supt. Line P. L. Mesa..... "

Sales Agt. J. H. Monticino.... "

Ch. Engr. Pwr. Sta. Anthony Yates "

M. M., Otto Kirchheimer..... "

Power sta. equip. 2 d. c. Westg. Ft. W. tot. 800 kw; 4 a. c. Ft. W., Allie-C, West. Stan. tot. 875 kw. 2 ph. 60 cys; 450 hp. e. (oil) Diesel; 450 hp. e. Ball; 600 hp. b. Bigelow; trolley volt. 550 v.

Power sta. and repair shops at Key West.

Reaches La Brisa Park (owned).

5.41 miles; 5-2½ g.; 9 motor pass. and 1 other car. ★69

MIAMI. 28,000. (1917.)

126—Miami Traction Co.—Office, 212 12th St.

Pres. B. B. Tatum..... Miami

V. Pres. J. H. Tatum..... "

Sec. Supt. & Pur. Agt.

J. R. Tatum..... 212½ 12th St. "

Treas. S. M. Tatum..... "

Audr. E. L. Parke..... "

Engr. Pwr. Sta. & M. M., W. F. Key "

Power sta. equip. 2 d. c. G. E. tot. 40 kw; 60 hp. e. (oil) Muncie.

Power sta. and repair shop at Ave. U & 9th St.

Reaches and owns Tatum Park.

5 miles; 4-8½ g; 11 motor cars (storage battery system). ★59

PENSACOLA. 25,000

127—Pensacola Elec. Co.—Office, E. Garden St.; Boston office, 147 Milk St.

(Does the entire electric railway business in Pensacola and owns the Escambia County Elec. Lt. & Pwr. Co., which company does the entire electric lighting and power business.) (Connects Pensacola, Navy Yard and Barrancas.)

Pres. Geo. J. Baldwin

55 Wall St., New York, N. Y.

V. Pres. Harry H. Hunt.... Boston, Mass.
 Sec. Alvah K. Todd..... "
 Treas. Henry B. Sawyer..... "
 Asst. Treas. W. B. Anderson... Pensacola
 Gen. Mgrs.
 Stone & Webster..... Boston, Mass.
 Local Mgr. J. G. Holtzclaw.... Pensacola
 Lt. Supt. H. J. Shannon..... "
 Claim Agt. C. L. Shine..... "
 Ch. Engr. Pwr. Sta. H. R. Sharpless "
 M. M., A. P. Brooks..... "
 Roadmaster R. C. Willoughby "
 Power sta. equip. 1 d. c. C. - W. 500
 kw; 8 a. c. West. Allis-C. tot. 2300 kw.
 2300 v. 3 ph. 60 cys; 670 hp. e. Cpr;
 1600 hp. b. Heine; 2300 kw. (stm.) turb.
 West. Allis-C; 1 mo.-gen. set 800 kw;
 trans. volt. 2300 v; trolley volt. 550 v.
 Power sta. at Main & Tarragona Sts.;
 repair shop at De Villier & Gadsden Sts.
 Reaches Palmetto Beach (owned) and
 Magnolia Bluff.
 21.4 miles; 4-8¼ g; 85 motor pass.
 1 trail cars and 8 other cars. ★69

ST. AUGUSTINE. 5,494.

128—St. Johns Elec. Co.—Office, Bay
 St., St. Augustine. (The St. Augustine
 & South Beach Ry. is part of this system,
 Connects St. Augustine with Anastasia
 South Beach and Chautauqua Beach.)
 Pres. J. I. Mange..... New York, N. Y.
 V. Pres. T. W. Moffat..... "
 Sec. & Treas. H. B. Brown... "
 Audr. B. E. Dyson..... St. Augustine
 Oper. Mgrs. The J. G. White Mgt. Corpn.
 48 Exchange Pl., New York, N. Y.
 Mgr. O. H. P. Fant..... St. Augustine
 Ch. Engr. Pwr. Sta.
 J. L. King..... "
 M. M., W. H. Forward..... "
 Power sta. equip. 1 d. c. Bull. 500 kw;
 8 a. c. G. E. tot. 900 kw. 2300 v. 3 ph.
 60 cys; 1611 hp. e. Allis-C, H. O. & R;
 906 hp. b. Stir; trans. volt. 2300 v; trolley
 volt. 550 v.
 Power sta. & repair shops, St. Augustine.
 Owns So. Beach and Chautauqua Beach.
 10¼ miles; 4-8¼ g; 7 motor pass., 1 ft.
 motor car; 1 ft. car without motor.
 Company does general ltg. & pwr.
 business. ★59

ST. PETERSBURG. 7,186 (1915)

129a—St. Petersburg & Gulf Ry. Co.—
 Office, 5th and Central Aves., St. Peters-
 burg. (Connects St. Petersburg, Gulf-
 port, Davista, Southland Seminary and
 Big Bayou.)
 Pres. Wm. C. McClure..... Peoria, Ill.
 1st V. Pres. & Gen. Mgr. H. Walter Fuller
 Real Estate Tr. Bldg., Philadelphia, Pa.
 2d V. Pres. H. K. Heritage
 Real Estate Tr. Bldg., " "
 Sec. & Treas. J. D. Scanlon
 Real Estate Tr. Bldg., " "
 Audr. A. L. Mitchell..... St. Petersburg
 Asst. Gen. Mgr.
 Walter P. Fuller..... "
 Supt., Claim & Pur. Agt.
 Edw. Morton, Jr..... "
 M. M., Edw. Morton, Sr.... "
 Roadmaster, J. S. Wilder... "
 Engr. Ovhd. Constr.
 Emmet McClung..... "
 Energy purchased from St. Petersburg
 Elec. Lt. & Pwr. Co.; trolley volt. 600 v.
 d. c.
 Repair shops at St. Petersburg.
 Reaches Jungle, Big Bayou.
 20.11 miles; 4-8¼ g; 23 motor and 8
 other cars.
 November 21, 1918. Company in process
 of reorganization through bondholders'
 committee. C. M. Allen, Receiver. 118

129b—St. Petersburg - Tampa Ry.
 (Connects Tampa and St. Petersburg &
 Suburbs.)

Pres. Geo. S. Gandy..... St. Petersburg
 Sec. & Treas. A. L. Gandy " "
 20 miles. Under construction. 78

TAMPA. 48,160.

130—Tampa Elec. Co.—Office, 810
 Tampa St. (Purchased the Tampa &
 Sulphur Springs Traction Co.) (Does
 the entire electric railway and elec-
 tric lighting and power business in
 Tampa and operates an electric railway
 between Tampa, Port Tampa and West
 Tampa.)
 Pres. G. J. Baldwin
 120 Broadway, New York, N. Y.
 Peter O. Knight..... Tampa
 V. Presta. { Harry H. Hunt
 147 Milk St., Boston, Mass.
 V. D. Vickery " "
 Sec'y. Alvah K. Todd..... "
 Treas. Henry B. Sawyer..... "
 Asst. Treas. F. J. Gwynn..... Tampa
 Gen. Mgrs.
 Stone & Webster..... Boston, Mass.
 Local Mgr. C. F. W. Wetterer.... Tampa
 Claim Agt. B. M. Harrison..... "
 Supt. Ry. Dept. W. M. Bird..... "
 Pur. Agt. F. E. Fletcher..... "
 Ch. Engr. Pwr. Sta.
 H. E. Harley..... "
 Asst. Engr. L. P. Chaney..... "
 Elec. Engr. C. L. Howe..... "
 M. M., E. T. Smith..... "
 Roadmaster, T. C. Folsom..... "
 Power sta. equip. 1 d. c. G. E., 500 kw.
 575 v; 6 a. c. West., G. E. Allis-C. tot.
 14,600 kva. 2300 v. 3 ph. 60 cys; 1850
 hp. e. Allis-C. Ham. Cor.; 3100 hp. b.
 Bab. & W.; 20,480 kw. (stm.) turb. West.
 Allis-C; 1400 hp. turb. (wtr.) McC.; trans.
 volt 6600 v; trolley volt. 575 v.
 Power stas. and repair shop at Tampa.
 Reaches Ballast Point and Ballast Point
 Park.
 52.62 miles; 4-8¼g; 86 motor pass..
 1 other motor and 16 other cars. ★19†

GEORGIA.

ALBANY. 10,604 (1916)

131—Albany Transit Co.—Office,
 Albany.
 Pres. C. W. Rawson... Albany
 V. Pres. F. F. Putney..... "
 *Sec., Treas. & Pur. Agt.
 J. C. Fulford..... "
 Power sta. equip. 2 d.c. G.E. tot. 300 kw.
 Power sta. at Flint & Front Sts., Al-
 bany.
 6 miles; 4-8¼ g; 5 motor and 4 trail.
 cars. 59

ATHENS. 17,846 (1916)

132—Athens Ry. & Elec. Co.—Office,
 N. E. Cor. Hancock & College Aves.
 (Successor to Athens Elec. Ry. Co.)
 (Controlled by the Cities Service Co.)
 Pres. & Gen. Mgr.
 C. D. Flanigen..... Athens
 1st V. Pres. F. W. Frueauff
 60 Wall St., New York, N. Y.
 2nd V. Pres.
 John E. Talmadge, Jr. " "
 Sec. & Treas. J. M. Billing..... Athens
 Supt. Lines, J. J. Fowler..... "
 Engr. Pwr. Sta. H. M. Hughes... "
 M. M. & Roadmaster, Robt. G. Davis "
 Power sta. equip. 2 rot. conv. G. E.
 West. tot. 600 kw; 9 a. c. G. E. Allis-C.
 tot. 4350 kw. 3 ph. 60 cys; 1600 hp. b. Stir;
 3500 kw. turb. stm. Westg, Allis-C, G. E;
 7190 hp. turb. (wtr.) S. V. Co., Allis-C;
 trans. volt. 12,000 and 2300 v; trolley volt.
 600 v.

Power stas. (water) 2 1/4 miles, 6 1/2 and 11 miles from city. (Steam turbine sta. near city line.) Repair shops near city limits.

0.5 miles; 4-8 1/2 g.; 16 motor cars, 2 other cars; company furnishes lighting and power. ★59

ATLANTA. 190,558 (1916)

133—Atlanta Northern Ry. Co.— Office, Elec. & Gas Bldg. (Connects Atlanta, Bolton, Smyrna and Marietta.) (Stock owned by the Georgia Ry. & Elec. Co.)

Pres. P. S. Arkwright..... Atlanta
 V. Pres. & Mgr. Hys. W. H. Glenn “
 Sec. G. W. Brine..... “
 Treas. I. S. Mitchell, Jr..... “
 Audr. H. Flynn..... “
 Supt. Transp. S. E. Simmons.... “
 Gen. Claim Agt. L. F. Wynne.... “
 Pur. Agt. W. H. Smaw..... “

Energy purchased from Ga. Ry. & Pwr. Co.; 2 rot. conv. West. tot. 1000 kw; trans. volt. 22,000 v. 3 ph. 25 cys; trolley volt. 600 v.

21.63 miles (14.99 owned & 6.64 leased); 4-8 1/2 g; 6 motor pass., 2 trail pass. 2 other motor and 11 other cars. (Co. does lighting business at Smyrna and Bolton.) 59

134—Georgia Ry. & Pwr. Co.— Office, Elec. & Gas Bldg., Atlanta. (Connects Atlanta, Decatur, Clarkston, Stone Mountain, Bolton, Smyrna, Marietta, East Point, Hapeville, College Park, East Lake and Buckhead. In 1916, purchased property of Gainesville Ry. & Pwr. Co., operating in Gainesville and connecting Gainesville, New Holland and Chattahoochee Park. In addition to lines owned, operates under lease street railway in Atlanta and vicinity. owned by Georgia Ry. & Elec. Co., which company owns the stock of the Atlanta Northern Ry. Co.) (Controls the Carrollton Elec. Co., Suburban Gas & Elec. Co. and Atlanta Gas Lt. Co.)

Pres. P. S. Arkwright..... Atlanta
 V. Prests. { Gen. Mgr. G. W. Brine “
 { W. H. Glenn..... “
 Sec. W. H. Wright..... “
 Treas. I. S. Mitchell, Jr..... “
 Audr. H. Flynn..... “
 Supt. Transp. S. E. Simmons.... “
 Gen. Claim Agt. L. F. Wynne.... “
 Pur. Agt. W. H. Smaw..... “
 Supt. Stm. Pwr. J. T. Chambers.. “
 Supt. Wtr. Pwr. F. W. Hadley.... “
 Supt. Transm. & Distrbn. “
 T. F. Johnson..... “

Supt. Optn. G. A. Iler..... “
 Supt. Equip. A. M. Moore..... “
 Supt. Roadway, C. A. Smith..... “
 M. M., J. E. Eaves..... “
 Engr. Elec'l Dept. H. L. Wills.... “
 Pub. Agt. W. T. Waters..... “
 Power sta. equip. 4 d. c. West, G. E. tot. 4025 kw; 31 a. c. G. E., West, Ft. Wayne, Allis-C. tot. 92,830 kw. 440-2200 & 6600 v. 2 & 3 ph. 25 & 60 cys; 13,600 hp. e. (stm. & gas) H. F. & M., McI., S. & S. R. & S. Greene-Wheelock, Snow; 16,155 hp. b. Bab. & W. Cole; 14,500 kw. stm. turb. West, G. E.; 111,900 hp. turb. wtr. Smith, Holyoke; trans. volt. 110,000-38,100-22,000-11,000 v; trolley volt. 600 v.

Powerstas. (9): Atlanta (2 stm.), Tallulah Falls, Morgan Falls, Carrollton, Dunlap, Hartwell, Chestatee and Gainesville; energy also purchased from Central Ga. Pwr. Co., Tenn. Pwr. Co. and Columbus Pwr. Co.

Car shops at Boulevard & Virginia Ave., Atlanta, and Gainesville. Dept. Tests and Repairs, Boulevard & Virginia Ave., Atlanta and Gainesville.

Reaches Baseball Park (owned) two city parks, Piedmont and Grant, and fair grounds.

229.75 miles; 4-8 1/2 g; 369 motor pass. 8 trail pass. and 24 other motor and 11 other cars. Company does a general lighting and power business in Atlanta and other cities in north Georgia. (Contemplates completing Tallulah Falls sta., by Nov. 1918, by installing 1 12,000-kw. G. E. gen. and 18,000-hp. Smith wtr. turb.) ★59

AUGUSTA. 50,245 (1916)

135—Augusta-Aiken Ry. & Elec. Corp. of South Carolina.— Office, Lamar Bldg., Augusta, Ga. (Operates Augusta & Aiken Ry. Co. and controls Augusta Ry. & Elec. Co. and Georgia-Carolina Pwr. Co.) (Connects Augusta and Aiken, S. C.)

Pres. F. Q. Brown
 31 Pine St., New York, N. Y.
 V. Prests. { J. H. Pardee “
 { 43 Exchange Pl., “
 { J. K. Choate..... “
 Sec. & Treas. D. H. Thomas
 31 Pine St..... “

Audr. Asst. Sec. & Asst. Treas. F. B. Culley..... Augusta

Oper. Mgrs. The J. G. White Mgt. Corpn. 43 Exchange Pl., New York, N. Y.

Gen. Mgr. Chas. S. Banghart.... Augusta
 Supt. City Div. W. Ford..... “
 Supt. Inter. Div. E. E. Mitchell.. “
 Claim Agt. Geo. H. Conklin..... “
 Pur. Agt. R. J. Morrison..... “
 Ch. Engr. & Engr. Pwr. Sta. A. W. Look..... “
 Elec. Engr. & Engr. Ovhd. Constr. J. J. Borger..... “
 M. M., L. Kelm..... “
 Engr. Maint. of Way D. D. Bell. “
 Com. Agt. M. H. Hendee..... “

Power sta. equip. 3 d. c. G. E. & Bull tot. 1476 kw; 6 a. c. West. G. E. tot. 16,250 kva. 2300 v. 2 & 3 ph. 60 cys; 1248 hp. b. Casey Hedges; 2750 kw. turb. (stm.) G. E.; 16,425 hp. turb. (wtr.) Morris, Stillwell; trans. volt. 44,000 v; trolley volt. 600 v. d. c.

4 sub-stas.; 4 rot conv; 2 mo. gen-sets. Power sta. and repair shops at 15th St., Augusta.

Uwus Lake View and Piney Dell. Reaches May Allen and Renney Parks. 55 miles; 4-8 1/2 g; 70 motor pass, 10 trail pass, 3 ft. mo. and 11 service cars; 1 elec. loco. (Co. does general ltg. & pwr. business. Sells energy to The Carolina Lt. & Pwr. Co., Aiken, S. C.) ★69

BRUNSWICK. 10,182.

(See also No. 146.)

136—City & Suburban Ry. Co.— Office, 1525 Grant St., Brunswick. (Controlled by Brunswick Terminal & Railway Securities Co., New York, N. Y.)

Pres. F. D. Aiken..... Brunswick
 1st V. Pres. Albert Fendig..... “
 2d V. Pres. E. H. Mason..... “
 Sec. Geo. H. Smith..... “
 Treas. Wm. Dunwoody..... “
 Audr. J. P. Brooks..... “
 Supt., Pur. Agt. & Roadmaster J. M. Armstrong..... “
 Claim Agt. O. C. Johannesen.
 Ch. Engr., Elec. Engr. & C' Engr Pwr. Sta. Chas. P. M. M. T. J. Lambright

Power sta. equip. tot. 600 kw; —kw. trans. volt. 2300 v; set.

Power sta. and r wick. Reaches tw 9 1/2 miles; 4.87 4 trail pass. cars sion to plant of 1 1/2 miles.)

CLARKESVILLE. 528.

137—Clarkesville R. R. Co.—(Connects with Tallulah Falls Ry.)
 Pres., Gen. Mgr. & Pur. Agt.
 F. G. Spencer.....Clarkesville
 V. Pres. W. S. Erwin..... "
 Sec. & Treas. O. M. Mauldin.. "
 1.25 miles; 4-8½ g; 2 gasoline motor
 cars. (Operation suspended.) ★19†

COLLEGE PARK. 2,173.
 (See No. 141.)

COLUMBUS. 25,950 (1916)

138—Columbus Elec. Co.—Gen. Office,
 Broad & 12th Sts., Columbus; ex-office,
 147 Milk St., Boston, Mass. (Owns all
 stock of Columbus R. R. Co. and Gas
 Lt. Co. of Columbus, also 1,213 shares
 of preferred stock and entire common
 stock of The Columbus Power Co.
 These companies do the entire electric
 railway, electric lighting, gas and power
 business in the city of Columbus and
 vicinity, and in adjoining towns of
 Phoenix and Girard, Ala. and a whole-
 sale power business in Columbus, West
 Point, Lanette, Lagrange, Hogansville,
 Trimble, Grantville, Moreland and New-
 nan.)
 Pres. Harry H. Hunt.....Boston, Mass.
 V. Pres. Geo. J. Baldwin.
 120 Broadway, New York, N. Y.
 Sec. Alvah K. Todd.....Boston, Mass.
 Treas. Henry B. Sawyer... "
 Asst. Treas. L. H. Crowell... Columbus
 Gen. Mgrs. Stone & Webster Boston, Mass.
 Mgr. Oper. Cos.
 John S. Bleecker..... Columbus
 Gen. Supt. R. M. Harding "
 ★19†

139—Columbus R. R. Co.—Gen.
 Office, Broad and 12th Sts., Columbus;
 ex-office, 147 Milk St., Boston, Mass.
 (Connects Columbus, Ga., Phoenix City
 and Girard, Ala., and is controlled by
 the Columbus Elec. Co. Of the mileage
 mentioned below, five miles have been
 leased to the Seaboard Air Line.)
 Pres. Harry H. Hunt.....Boston, Mass.
 V. Pres. Geo. J. Baldwin,
 120 Broadway, New York, N. Y.
 Sec. George A. Pierce.....Boston, Mass.
 Treas. Henry B. Sawyer.... "
 Asst. Sec. & Asst. Treas.
 L. H. Crowell..... Columbus
 Gen. Mgrs. Stone & Webster, Boston, Mass.
 Gen. Supt. R. M. Harding..... Columbus
 Claim Agt. A. S. Bradley..... "
 Pur. Agt. M. J. Fox..... "
 Supt. Transp. J. C. Chandler... "
 M. M., E. D. Loper..... "
 Roadmaster, W. B. Buchanan.. "
 Energy purchased from The Columbus
 Pwr. Co.; trans. volt. 66,000-11,000 v;
 trolley volt 550 v.
 Repair shops at 17th St. & 2d Av.
 Controls Wildwood Park.
 25.9 miles; 4-8½ g; 44 motor pass. and
 5 work cars. ★59

FAIRBURN. 1,395.

141—Fairburn & Atlanta Ry. &
Elec. Co.—Office, Fairburn, Ga. (Con-
 nects Fairburn, Union City, Stonewall,
 Red Oak and College Park.)
 Pres. & Gen. Mgr. L. M. Hobgood, Fairburn
 Sec. Paul Speir..... "
 Treas. C. R. Harvey..... "
 Supt. of Equip. & Maint. J. A. Hill "
 Roadmaster, Chas. Vickery..... "
 Repair shops at Fairburn.
 Reaches Union City and College Park
 10.6 miles; 4-8½ g; 3 gasoline cars. 78

GAINESVILLE. 5,925.
 (See No. 134.)

MACON. 45,757 (1916)

142—Georgia Lt., Pwr. & Rys.
 —Gen. office, 62 Cedar St., New York,
 N.Y. (Voluntary organization and con-
 trols Macon Ry. & Lt. Co., Macon Gas
 Co., Central Georgia Pwr. Co. and Cen-
 tral Georgia Transm. Co.)
 Pres. M. J. Murphy.....New York, N.Y.
 V. Pres. John D. Everitt "
 Sec. & Treas. F. B. Lasher "
 Asst. Sec. & Asst. Treas.
 W. E. Fulcher..... "
 ★19

143—Macon Ry. & Lt. Co.—Office,
 Public Utilities Bldg., Macon. (Con-
 solidation of all the railway and light
 companies in Macon.) (Controlled by
 Georgia Lt., Pwr. & Rys.)
 Pres. W. H. Felton..... Macon
 1st V. Pres. Philip G. Gossler
 62 Cedar St., New York, N. Y.
 2d V. Pres. L. S. Dure..... Macon
 Sec. R. Frank Jones..... "
 Treas. Gen. Mgr. & Ch. Engr.
 L. A. Magraw..... "
 Andr. N. M. Hudson..... "
 Supt. L. P. Jones..... "
 Claim & Pur. Agt. S. W. Hatfield. "
 Ch. Engr. Pwr. Sta. A. M. Howell. "
 M. M., W. H. Whatley..... "
 Engr. M. of W., B. R. Chestney... "
 Engr. Ovhd. Constr. J. W. Burch... "
 Pub. Agt M. A. Bowlin..... "
 Power sta. equip. (aux.) 1 d. c. G. E. 500
 kw; 2 a. c. G. E. West. tot. 8000 kw.
 2300 v. 3 ph. 60 cys; 750 hp. e. Ham, Cor.
 2240 hp. b. Bab. & W; 3000 kw. stm.
 turb. West, G. E.; trans. volt. 66,000 v;
 trolley volt. 550 v; energy purchased from
 Central Georgia Pwr. Co.
 1 sub-sta. cap. 4500 kw; 4 rot. conv. tot.
 2300 kw.
 Power sta. and repair shops at Oc-
 mulgee & Franklin Sts.
 Reaches Crump's, North Highlands,
 Rice's Mill and Ocmulgee Parks.
 37 miles; 4-8½ g; 52 motor and 4
 other cars. (Company furnishes lighting
 and power.) ★19†

MARIETTA. 5,949.

(See No. 134.)

ROME. 15,120.

145—Rome Ry. & Lt. Co.—Office, 800
 Broad St., Rome. (Connects Rome and
 Lindale.)
 Pres. S. A. Culbertson... Louisville, Ky.
 V. Pres. & Gen. Mgr. S. S. Bush "
 Sec. & Treas. G. W. Lewis.. "
 Supt. & Pur. Agt. H. J. Arnold.... Rome
 Elec. Engr. R. L. Maxwell..... "
 Ch. Engr. Pwr. Sta. W. A. Ford. "
 M. M., H. T. Clay..... "
 Power sta. equip. 2 a. c. turbo gen. G. E.
 tot. 1250 kw. 3 ph. 60 cys; 1000 hp. b. Stlr.
 Vogt; 1500 kw. wtr. wh; trans. volt. 2300
 v. trolley volt. 600 v. Has connections
 with Georgia Ry. & Pwr. Co.
 Power sta. and repair shops, Rome.
 12 miles; 4-8½ g; 22 motor cars and 1
 other car. Company does general lgt. &
 pwr. business. ★59

ST. SIMONS ISLAND. 300.

146—St. Simons Ry. Co.—Office, Bay
 and Mansfield Sts, Brunswick. (Co.
 has discontinued operations and is dis-
 posing of its effects.) ★59

SAVANNAH. 68,305 (1916)

147—Savannah Elec. Co.—Office, Bay
 & Whitticker Sts. (Does the entire elec-
 tric railway and greater part of electric
 lighting and power business in Savan-

Energy purchased from Aurora, Elgin & Chicago R. R. Co.; trans. volt. 26,400v; trolley volt. 600 v.

Repair shops at Aurora.

Reaches Bilas Park.

30.20 miles; 4-8½ g; 4 motor and 10 other cars. 118

164—Fox & Illinois Union Ry.— Office, 229 Coulter Block, Aurora. (Connects Lisbon Center, Morris, Yorkville, Central, Kentland and Saratoga.)

Pres. A. R. Evans.....Aurora

V. Pres. Henry Herbert Evans.... "

Gen. Mgr. & Pur. Agt.,

W. C. Miller.....Yorkville

Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 33,000 v; trolley volt. 600 v.

Power sub-sta at Lisbon Center; repair shops, Yorkville.

20 miles; 4-8½ g; 2 mo. pass. and 1 fgt. mo. car. ★59

BELLEVILLE. 21,149.

(See No. 201.)

BELVIDERE. 7,253.

(See No. 181.)

BLOOMINGTON. 27,258 (1916).

165—Bloomington & Normal Ry. & Lt. Co.—Office, 218 W. Jefferson St. (A consolidation of the Bloomington and Normal Ry., Elec. & Htg. Co., and Consumer Lt. & Ht. Co.) (Connects Bloomington & Normal.) (Part of Illinois Traction System.)

Pres. Wm. B. McKinley.....Champaign

V. Pres. H. E. Chubbuck.....Peoria

Sec. E. A. Macnutt.....Montreal, Can.

Treas. Geo. M. Mattis.....Champaign

Audr. E. O. Rungless.....Bloomington

Gen. Supt. D. W. Snyder, Jr., .. "

Claim Agt. E. J. Gottschalk.. "

Asst. Supt. Trans. .. "

C. L. Richards..... "

Ch. Engr. A. C. Salzman.... "

M. M., C. H. Robinson..... "

Actg. Supt. of Trac .. "

E. L. Meece..... "

Oper. Engr. D. G. Wallace.. "

Power sta. equip. (See under Illinois Trac. System, Peoria.)

Power sta. at So. West St.; repair shops at No. Park St.

Reaches Houghton Lake and Miller Park.

22 miles; 4-8½ g; 33 cars. (Company does ltg. & pwr. business in Gridley, El Paso, Chenoa, Morton, Tremont and Lexington.) 59

CAIRO. 15,794 (1916).

166—Cairo Ry. & Lt. System.—(Including Cairo Elec. & Trac. Co., Cairo City Gas Co., and Cairo & St. Louis R. R. Co.) (Connects Cairo, Mound City and Mounds.) (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign

V. Pres. & Gen. Mgr. .. "

H. E. Chubbuck.....Peoria

Sec. Edw. Woodman.....Portland, Me.

Asst. Treas. A. R. McComb .. "

Audr. B. E. Bramble.....Champaign

Gen. Supt. E. A. Roehry .. "

Pur. Agt. H. J. Vance.....Peoria

Supt. Transp. J. M. Davidge..... "

Ch. Engr. Pwr. Station Robt. J. Busey .. "

M. M., E. R. Kennedy.....Cairo

Roadmaster, O. Smothers..... "

Power sta. equip. 3 a. c. G. E. West.

tot. 1200 kw. 2300 v. 3 ph. 60 cys; 2250 hp. e. Erie, Ham; 1940 hp. b. Stir, Bab. & W; 750 hp. turb. (stm.) G. E; trans. volt. 2300-16,500 v; trolley volt. 500 v.

Power sta. and repair shops at 38th & Sycamore Sts.

22 miles; 4-8½ g; 27 motor and 5 other cars. Company does lighting and pwr. business. ★59

CANTON. 13,262 (1916)

167—Illinois Central Elec. Ry.—

Office, Canton. (Connects Fairview, Norris, Brereton, Canton, St. David, Bryant, Lewistown, and Farmington.)

Pres. S. A. Drake.....Canton

V. Pres. M. W. Rafferty..... "

2d V. Pres. J. V. Brokaw..... "

Sec. W. D. Plattenburg..... "

Treas. E. A. Heald..... "

Gen. Mgr. & Pur. Agt. .. "

T. W. Shelton..... "

Ch. Engr. G. W. Chandler..... "

M. M. John Slater..... "

Energy purchased from Canton Gas & Elec. Co.; trans. volt. 13,000 v; trolley volt. 600 v.

2 sub-stas; 2 rot. conv.

33 miles; 4-8½ g; 6 motor pass., 1 work and 2 fgt. cars. ★59

CARTERVILLE. 2,971.

(See No. 222.)

CENTRALIA. 11,588 (1916).

168—Centralia & Central City Trac. Co.—Office, 108 So. Walnut St. (Connects Central City and Centralia.)

Pres. Max Prill.....Centralia

V. Pres. & Gen. Mgr. .. "

Max H. Prill..... "

Sec. & Treas. John Langenfeld.. "

Energy purchased from Centralia Gas & Elec. Co.

Repairshops at 511 N. Elm. St.

Owms White City Park (42 acres).

3.5 miles; 4-8½ g; 4 motor and 3 other cars. 118

169—Centralia Traction Co.—Office,

108 South Walnut St. (A suburban line

extending from Centralia to the Village of Wamac. Connects with Centralia & Central City Trac. Co.)

Pres. John Langenfeld.....Centralia

V. Pres. Martin Beck..... "

Sec. & Treas. Max Prill..... "

Gen. Mgr. Max H. Prill..... "

Energy purchased from Centralia Gas & Elec. Co.

3.75 miles; 4-8½ g; 8 motor and 1 other car. 118

CHAMPAIGN. 14,508 (1916).

170—Urbana & Champaign Ry., Gas & Elec. Co. (Part of Illinois Trac. System.)

Pres. Wm. B. McKinley.....Champaign

V. Pres. Exec. H. E. Chubbuck....Peoria

Sec. Chas. Zilly.....Champaign

Treas. Geo. M. Mattis..... "

Audr. Jas. R. Wood..... "

Supt. F. W. Bedard..... "

Cl. Agt. G. R. Whittemore.....Peoria

Pur. Agt. H. J. Vance..... "

Elec. Engr. J. D. McKee.....Champaign

Ch. Engr. Pwr. Sta. .. "

Fred. Heimlicker..... "

M. M., John Key..... "

Roadmaster, Wm. Casey..... "

Power sta. equip. 2 d. c. Bull., G. E.

tot. 1000 kw; 3 a. c. West, Allis-C., G. E.

tot. 3040 kw. 2300 v. 3 ph. 60 cys; 4500 hp.

e. Fulton, Rus., Allis-C; 4000 hp. b Bab.

& W. Oil City; 1575 kw. turb. (stm.) G.

E. West; trans. volt. 15,000 v; trolley volt. 600 v.

Pwr. sta. and repair shops at N. Hickory St.

12.5 miles; 4-8½ g; 15 motor and 4 other cars. Co. does general ltg. & pwr. business. 59

CHARLESTON. 5,884.

(See also Nos. 223 and 224.)

171—Central Illinois Public Service Co.—See Mattoon, Ill.
Trolley volt. 575 v.; repair shops at Mattoon.
Reaches Fair Grounds and Chautauqua Park.

1.75 miles; 4-8½ g.; 2 motor cars. 59

CHICAGO. 2,497,722. (1916.)

(See also Nos. 194, 207, 217, 237, 246, 283, 556, 693 and 1062.)

172—Calumet & South Chicago Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (Operated by Chicago Surface Lines.) (Connects Chicago, Ill., with Hammond, Whiting and East Chicago, Ind., via the H. W. & E. C. Ry.)
Pres. Leonard A. Busby.....Chicago
V. Pres. W. W. Crawford....."
Sec. & Treas. F. D. Hoffmann..."
Audr. Jno. J. Duck....."

Energy purchased from Commonwealth Edison Co.; trans. volt. 6600 v.; trolley volt. 550 v.

Sub-stas. at 77th St. & So. Chgo. Ave. (2-1000 kw. rotaries); 93d St. & So. Chgo. Ave. (2-1000 kw. rotaries) and 109th St. & Michigan Ave. (2-1000 kw. rotaries); tot. cap. 7000 kw.

Reaches Jackson and Calumet Parks, So. Chicago Ball Park, Chicago and Douglas Parks in Hammond, Manhattan Beach on Lake Michigan and White City.

125.75 miles; 4-8½ g.; 56 motor cars. (Company sells energy to Hammond, Whiting & E. Chicago Ry.) ★79

173—Chicago City Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (System covers South Side lines. Operated by Chicago Surface Lines.)
Chmn. Ex. Comm. & Pres.

Leonard A. Busby.....Chicago
V. Pres. & Ch. Engr. H. B. Fleming..."
Sec. & Treas. F. D. Hoffmann..."
Audr. Jno. J. Duck....."

Energy purchased from Commonwealth Edison Co.; trans. volt. 9000 v.; trolley volt. 550 v.

Sub-stas. at 20th & Dearborn Sts. (2-1000 kw. and 5-2000 kw. rotaries); 63rd St. & Wentworth Ave. (2-1000 kw. and 4-2000 kw. rotaries); 42nd St. & Wabash Ave. (5-2000 kw. rotaries); 48th & Honor Sts. (4-2000 kw. rotaries); 82nd & Halsted Sts. (2-4000 kw. rotaries); 44nd St. & Kedzie Ave. (1-4000 kw. rotary) and Plymouth Ct. & Van Buren St. (2-1200 kw. rotaries); tot. cap. 55,400 kw.; has 3,275 kw. cap. in storage batteries.

Repair shops at 78th St. & Vincennes Ave.

Reaches Jackson, Washington, Marquette, McKinley, Sherman, Ogden & Hamilton City Parke, White City, Edelweiss Gardens (amusements); American League and other base ball parks and various beaches along Lake Michigan.

349.82 miles (including Southern St. Ry. Co.); 4-8½ g.; 1179 motor cars. ★79

174—Chicago & Interurban Trac. Co.—Office, 89th St. and Vincennes Ave. (Connects Chicago at 63rd St., with Blue Island, Harvey, Franklin, Glenwood, Chicago Hgts., Steger, Crete, Monee, Peotone, Manteno, Tucker, Bradley and Kankakee.)

Pres. O. G. Talmadge.....Chicago
Sec. & Treas. W. W. Crawford
914 Borland Bldg., "
Audr. W. W. Hill "
Claim Agt. Chas. Oldenburg..... "
Pur. Agt. L. Coatsworth..... "
Elec. Engr. & M. M., E. P. Doyle "

Energy purchased from Public Service Co. of Northern Illinois; trans. volt. 83,000 v.; trolley volt. 600 v.; repair shops at 88th St. and Vincennes Ave.

6 sub-stas. (1 with auto control) tot. cap 2800 kw.

Reaches Calumet Grove and Parks at Blue Island and Kankakee, Oakdell and Electric Parks.

52.67 miles; 4-8½ g.; 26 motor and 3 other cars. (Company does lighting.) 79

175—Chicago, Milwaukee & St. Paul Ry. Co. (Rocky Mountain & Missoula Divisions.)—Offices, Railway Exchange Bldg., Chicago; 42 Broadway, New York, N.Y., and White Bldg., Seattle, Wash. (Electric zone includes two operating divisions in Montana and Idaho as follows: Harlowton to Deer Lodge, Deer Lodge to Avery, Idaho, a total route mileage of 437.6.)

Federal Mgr. H. E. Byram.....Chicago
Gen. Mgr. H. B. Earling...Seattle, Wash.
Sec. E. W. Adams, Majestic Bldg.,

Milwaukee, Wis.
Fed. Treas. A. G. Loomis.....Chicago

Fed. Audr. G. J. Bunting....."
Gen. Supt. W. B. Foster...Seattle, Wash.

Supt. Trans. G. L. Whipple.....Chicago
Asst. Supt. Trans.

J. L. Brown.....Seattle, Wash.
Cl. Agt. F. R. Shong....."

Gen. Fgt. Agt.
F. D. Burroughs....."

M. M. (In Charge Maint. of Elec. Locos.)
E. Sears.....Deer Lodge, Mont.

Pur. Agt. W. A. Linn.....Chicago
Gen. Supt. Mot. Pwr.

H. P. Warnock....."
Supt. Mot. Pwr. F. Rnsch.....Tacoma

Elec. Engr. R. Beeuwkes
306 O-W Pass. Sta., Seattle, Wash.

Mech. Engr. H. K. Fox.....Chicago
Supt. Elec. Constr. F. B. Walker "

Engr. Ovhd. Constr. R. Wade, "
Signal Engr. J. C. Mills...Milwaukee, Wis.

Div. Supt. J. J. Murphy. Deer Lodge, Mont.
Rocky Mtn. Div. (East Sub-Div.)

J. B. Fitzgerald,
Three Forks, Mont.

Rocky Mtn. Div. (West Sub-Div.)
George Nick,

Deer Lodge, Mont.
Missoula Div. (East Sub-Div.)

O. Miller...Deer Lodge, Mont.
Missoula Div. (West Sub-Div.)

H. M. Grimes...Alberton, Mont.
Energy purchased from the Montana

Power Co; sub-sta. equip: 82 d. c. motor-gen. G. E. tot. 59,500 kw.; trans. volt. 100,000 v.; trolley volt. 3000 v. d. c.

Sub-stas. at Two Dot, Loweth, Josephine, Eustis, Piedmont, Janney, Morel, Goldcreek, Ravenna, Primrose, Trakio, Drexel, East Portal and Avery; repair shops at Deer Lodge, Mont.

579.6 miles; 4-8½ g.; 30 freight, 19 passenger and 5 electric switch locos. (Electrification of the Columbia and Coast Div. from Othello to Seattle and Tacoma, a distance of 211 miles, has been completed and will be placed in operation sometime prior to January 1, 1920. ★79

176—Chicago & Oak Park Elevated R. R. Co.—Office, 1234 Edison Bldg. (Controlled by the Northwestern Elevated R. R. Co., which in turn is controlled by the Chicago Elevated Rys.)

Receiver, Samuel Insull.....Chicago
Ch. Executive for Receiver,

B. I. Budd....."
Agt. for Receiver, W. V. Griffin.. "

Gen. Atty. A. L. Gardner....."
Audr. A. G. Nelson....."

Gen. Mgr. E. C. Noe....."
Gen. Supt. of Transp. M. J. Feron "

Supt. of Transp. H. G. Hardin.. "
Pur. Agt. E. R. Kretschmer..... "

Ch Engr. C. M. Mock....."
Elec. Engr. E. J. Blair....."

Engr. M. of W., B. J. Fallon....Chicago
Supt of Shops & Equip.
H. A. Johnson..... "
Energy purchased from Commonwealth
Edison Co; repair shop at 8860 W. Lake
St.
22.51 miles (elev. & surface); 4-8½ g;
64 motor, 123 trail and 4 other cars. ★59

177—Chicago Railways Co.—Office,
Borland Bldg., 105 So. La Salle St.
(System covers North and West Side
lines. Operated by Chicago Surface
Lines.)

Chmn. Bd. & Pres.
Henry A. Blair.....Chicago
V. Pres. { John E. Wilkie..... "
Seymour Morris..... "
Sec. Frank L. Hupp..... "
Treas. M. B. Orde..... "
Audr. Arthur Young & Co..... "

Energy purchased from Commonwealth
Edison Co. 9000 v. 3 pb. 25 cya.
Sub-stas. at Van Buren & Jefferson Sts.
(6-2000 kw. rotaries); Milwaukee Ave. &
Cleaver St. (3-2000 kw. rotaries); Lill &
Wrightwood Aves. (3-2000 kw. and 1-3000
kw. rotaries); Blue Island Ave. & Leavitt
St. (3-2000 kw. rotaries); Grand & Craw-
ford Aves. (3-2000 kw. rotaries); Illinois
& La Salle Sts. (3-2000 kw. & 1-8000 kw.
rotaries); B'way & Ardmore Ave. (2-2000
kw. rotaries); Campbell Ave. & Homer St.
(2-4000 kw. rotaries); Western Ave. &
Washington Blvd. (3-4000 kw. rotaries)
and Crawford & Milwaukee Aves. (2-4000
kw. rotaries); tot. cap. 80,000 kw.
Car shops at 40th & West End Aves.
Reaches Riverview, Lincoln, Douglas,
Garfield, Humboldt and Union Parks.
583.72 miles; 4-8¼ g; 1949 motor cars.
★79

178—Chicago Surface Lines.—
Office, Borland Bldg., 105 So. La Salle
St. (Unified organization operating the
Chicago Rys. Co., Chicago City Ry. Co.,
Calumet & South Chicago Ry. and
Southern Street Ry. Co.)

Chmn. Bd. of Operation
Henry A. Blair.....Chicago
Chmn. Exec. Comm. & Pres.
Leonard A. Busby..... "
Asst. to Pres. John E. Wilkie..... "
Sec. & Asst. Treas. F. D. Hoffmann..... "
Asst. Sec. Frank L. Hupp..... "
Treas. M. B. Orde..... "
Gen. Counsel
W. W. Gurley..Marquette Bldg.
Gen. Atty. { J. R. Williams..... "
(Litigated cases) } 600 Washing-
ton Blvd..... "
Gen. Audr. John J. Duck..... "
Supt. Transp. W. M. Weatherwax
Supt. of Lines & Transmn.
R. M. Patterson..... "
Gen. Chm. Agt. Frank J. Gattrell.. "
Pur. Agt. F. C. Evans..... "
Ch. Engr. H. B. Fleming..... "
Elec. Engr. J. Z. Murphy..... "
Elec. Engr. of Distrbn. A. J. Klatte
Supt. Shops & Equip. H. W. Adams
Supt. Track & Rdwy. Haven C. Kelly
★79

179—Chicago Tunnel Co.—Chicago
Warehouse & Terminal Co. (oper-
ated jointly). Office, 754 W. Jackson
Blvd. (Transfers freight from the dif-
ferent railroad terminals in Chicago.)
(Owned by Chicago Utilities Co.)

Pres. S. W. Tracy.....Chicago
V. Pres. "
Sec. & Treas. J. C. Payton..... "
Audr. L. J. Gundlach..... "
Supt. W. E. Worth..... "
Pur. Agt. D. Bonner..... "
Ch. Engr. A. Slade..... "

M. M., C. Welhofen.....Chicago
Mngr. M. of W. F. W. Knowles.. "
Energy purchased from Commonwealth
Edison Co.; trans. volt. 250 v.
Repair shops at 746 W. Jackson Blvd.
61 miles; narrow gauge (24 inches); 132
motor and 3,000 other cars. ★59

180—Chicago & West Towns Ry.
Co.—Office, Lake St. & Cuyler Ave.,
Oak Park. (Successor to County Trac.
Co. The Evanston lines of the County
Trac. Co. were purchased by the Evans-
ton Ry. Co.) (Controls the Suburban
R. R. Co.) Connects Oak Park, River
Forest, Maywood, Melrose, Cicero,
Berwyn, Riverside, Lyons, La Grange,
Holleywood and Forest Park.)

Pres. Willard McEwen
Tribune Bldg., Chicago
Sec. & Treas. C. N. Hebner.....Oak Park
Gen. Supt. & Pur. Agt.

J. Whitesell..... "
Supt. & Chm. Agt. B. Collette.. "
Ch. Engr. Pwr. Sta. J. Olsen.... "
M. M., J. A. Scholen..... "
Engr. M. of W. R. S. Downs.... "
Engr. Ovhd. Const.

O. B. M. Tompkins..... "
Power sta. equip. 6 d. c. S. & H. Walker,
tot. 3250 kw; 3250 hp. e. Allis-C; 3800 hp.
b. Stur, C. & Z; trolley volt. 550 v.
Power sta. at Oak Park, Proviso Town-
ship; repair shops at Oak Park.
Reaches Forest Park.
70 miles; 4-8½ g; 50 motor and 30
other cars. ★79

181—Elgin & Belvidere Elec. Co.
—Executive office, 105 South La Salle St.
(Connects Elgin, Marengo and Belvi-
dere.)

Pres. & Gen. Mgr. B. J. Arnold..Chicago
Sec. & Treas. R. G. Arnold..... "
Mng. Director W. L. Arnold..... "
Audr. & Pur. Agt. W. F. Gamble. "
Supt. W. J. Fillmore.....Marengo
Energy purchased from Aurora, Elgin
& Chicago R. Co.; trans. volt. 26,400 v;
trolley volt. 650 v; 3 d. c. G.E. tot. 900 kw;
repair shops at Marengo.
Reaches Kishwaukee Park.
36.5 miles; 4-8¼ g; 11 cars. 79

182—Hammond, Whiting & E.
Chicago Ry.—Office, Borland Bldg.,
Chicago, Ill. (Successor to the Ham-
mond, Whiting & E. Chicago Elec. Ry.
Extends from State Line to Whiting,
E. Chicago, Indiana Harbor and Ham-
mond and enters Chicago over the
tracks of the Calumet & So. Chicago
Ry. Co.)

Pres. O. G. Talmadge
88th St. & Vincennes Ave, Chicago
V. Pres. Chas. Lawrence " "
Sec. & Treas. F. D. Hoffman.... "
Audr. W. W. Hill..... "
Energy purchased from Calumet &
South Chicago Ry. Co.
Repair shops at Hammond, Ind.
Reaches Ball Park, Chicago; Douglas
Park, Hammond and Manhattan Beach
on Lake Michigan.
32.12 miles; 4-8¼ g; 18 motor and 11
other cars. ★79

183—Kensington & Eastern R. R.
Co.—Office, 135 East 11th Place, Chicago,
(Connects Ill. Central R.R. at Pullman,
Ill., with Chicago, Lake Shore & South
Bend Ry. at Hammond, Ind.) (Stock
owned by the Illinois Central R. R. Co.
and road used under perpetual agree-
ment by the Chicago, Lake Shore &
South Bend Ry.)
Pres. C. A. Peabody.
32 Nassau St., New York, N. Y.

V Pres. A. S. Baldwin.....Chicago
 Sec. Burt A. Beck..... "
 Treas. L. A. Harkness..... "
 13.69 miles; 4-8½ g. ★59

184—Metropolitan West Side Elevated Ry. Co.—Office, 1247 Edison Bldg. (Controls Union Consolidated Elevated Ry. Co., and in turn is controlled by Chicago Elevated Rys.) (Connects Chicago, Austin, Forest Park and Oak Park.)

Chmn. Samuel Insull.....Chicago
 Pres. B. I. Budd..... "
 Sec. & Treas. W. V. Griffin..... "
 Audr. T. B. MacRae..... "
 Gen. Atty. A. L. Gardner..... "
 Gen. Mgr. E. C. Noe..... "
 Asst. Gen. Mgr. G. T. Seely..... "
 Pur. Agt. E. E. Kretschmer..... "
 Gen. Supt. Transpt. M. J. Feron..... "
 Supt. Transp. J. A. Jarvis..... "
 Ch. Engr. C. M. Mock..... "
 Elec. Engr. E. J. Blair..... "
 Supt. of Shops & Equip..... "
 H. A. Johnson..... "
 Engr. M. of W., B. J. Fallon..... "
 Energy purchased from Commonwealth Edison Co.; (third rail) volt. 600 v.
 Repair shop at 417 Throop St.
 59.59 miles (elev.); 4-8½ g.; 284 motor, 288 coaches, 17 miscel. cars. ★59

185—Northwestern Elevated R. R. Co.—Office, 1247 Edison Bldg. (Owns Union Elevated R. R.; controls Chicago & Oak Park Elev. R. R. Co. and is in turn controlled by Chicago Elevated Rys.)

Chmn. Samuel Insull.....Chicago
 Pres. B. I. Budd..... "
 Sec. & Treas. W. V. Griffin..... "
 Audr. T. B. MacRae..... "
 Gen. Mgr. E. C. Noe..... "
 Asst. Gen. Mgr. G. T. Seely..... "
 Pur. Agt. E. E. Kretschmer..... "
 Gen. Supt. Transpt. M. J. Feron..... "
 Supt. Transp. E. F. Schaaf..... "
 Supt. Shops & Equipment..... "
 H. A. Johnson..... "
 Ch. Engr. C. M. Mock..... "
 Engr. M. of W., B. J. Fallon..... "
 Elec. Engr. E. J. Blair..... "
 Energy purchased from Commonwealth Edison Co.
 Repair Shop at 1036 Montrose Ave.
 57.28 miles (elev.); 230 motor cars, 202 coaches, 4 miscel. cars. ★59

186—Southern St. Ry. Co.—Office, Borland Bldg., 105 So. La Salle St. (Operated by Chicago Surface Lines.)
 Pres. Leonard A. Busby.....Chicago
 V. Pres. W. W. Crawford..... "
 Sec. & Treas. F. D. Hoffmann..... "
 Audr. Jno. J. Duck..... "
 Mileage and equipment included in report of Chicago City Ry. Co. 118

187—South Side Elevated R. R. Co.—Office, 1247 Edison Building. (Controlled by Chicago Elevated Rys.)

Chmn. Samuel Insull.....Chicago
 Pres. B. I. Budd..... "
 Sec. & Treas. W. V. Griffin..... "
 Audr. T. B. MacRae..... "
 Gen. Mgr. E. C. Noe..... "
 Asst. Gen. Mgr. G. T. Seely..... "
 Pur. Agt. E. E. Kretschmer..... "
 Storekeeper P. F. McCall..... "
 Gen. Supt. Transpt. M. J. Feron..... "
 Supt. Transp. J. M. Feldhake..... "
 Supt. of Shops & Equip..... "
 H. A. Johnson..... "
 Ch. Engr. C. M. Mock..... "
 Engr. M. of W., B. J. Fallon..... "
 Elec. Engr. E. J. Blair..... "
 Energy purchased from Commonwealth Edison Co.
 Repair shops, at 61st St. & Calumet Ave.
 46.16 miles (elev. 3d rail); 4-8½ g.; 430 motor and 14 miscel. cars; 53 coaches. 59

188—Union Consolidated Elevated Ry. Co.—(Connects Metropolitan West Side Elevated Ry. system with Union Loop system.) (Controlled by the Metropolitan West Side Elev. Ry. Co.)
 Pres. Samuel Insull.....Chicago
 V. Pres. Gilbert E. Porter..... "
 Sec. & Treas. W. V. Griffin..... "
 0.37 miles (included in mileage of Metropolitan W. S. Elev. Ry.) 59

188a—American Public Service Co.—Gen. office, Rm. 1500-72 W. Adams St. (Controls, through stock ownership, Abilene Gas & Elec. Co., Abilene Ice Co., Abilene Wtr. Co., Cisco Gas & Elec. Co., Cisco Ice Co., Marshall Elec. Co., Marshall Trac. Co., Marshall Ice Co., Longview Ice & Light Co., Baird Light & Ice Co., Jefferson Ice & Lt. Co., Stamford Gas & Elec. Co., and Hamlin Lt., Pwr. & Ice Co. all of Texas; Hugo Ice & Lt. Co., Henryetta Electric Lt. Co., Henryetta Ice & Cold Storage Co., Okmulgee Ice & Lt. Co., and Kusa Ice, Lt. & Pwr. Co., all of Okla.)

Pres. Saml. Insull.....Chicago, Ill.
 V. Pres. Martin J. Insull..... "
 Sec. Edw. J. Doyle..... "
 Treas. Oliver E. McCormick..... "
 Asst. Sec. Eustace J. Knight..... "
 ★59

189—H. M. Byllesby & Co.—Office, 208 So. La Salle St., Chicago. (Control and are operating and managing engineers of the following companies—Standard Gas & Elec. Co., (who in May, 1919 acquired controlling interest in Shaffer Oil & Ref. Co.) which company controls through stock ownership Oklahoma Gas & Elec. Co. (operating in Oklahoma City, El Reno, Enid, Drumright and Kiefer, Okla.), this company through stock ownership controls the Muskogee (Okla.) Gas & Elec. Co., operating in Muskogee, Fort Gibson and Sapulpa, Okla.), Ft. Smith (Ark.) Lt. & Trac. Co., Mobile (Ala.) Elec. Co., Ottumwa (Ia.) Ry. & Lt. Co., San Diego (Cal.) Consolidated Gas & Elec. Co., Puget Sound Gas Co. (Everett, Wash.) Southwestern General Gas Co., Ft. Smith, Ark., Tacoma (Wash.) Gas & Fuel Co., (operating in Tacoma, Olympia and Puyallup, Wash.) Western States Gas & Elec. Co., Stockton, Eureka and Richmond, Calif., and Arkansas Valley Ry., Lt. & Pwr. Co., Pueblo, Victor, Rocky Ford, La Junta, Canon City and Cripple Creek, Colo.; Mississippi Valley Gas & Elec. Co., which company controls jointly with Standard Gas & Elec. Co. the Louisville Gas & Elec. Co. of Del., which in turn controls Louisville Gas & Elec. Co. of Ky., Kentucky Coke Co. and Kentucky Pipe Line Co.) (Standard Gas & Elec. Co. has large but not controlling interest in the following companies: Mountain States Power Co. operating the following properties—Big Fork, Kallispell, Poleson, Mont., Sandpoint, Ida., Newport, Wash., Marshfield, Springfield, Eugene, Albany and Dallas, Ore., Northern States Pwr. Co. of Delaware, holding company for following properties—Minneapolis (Minn.) General Electric Co., and Northern States Pwr. Co. of Minnesota, operating plants in Faribault, Stillwater, Mankato, Cannon Falls, Rapidan, Coon Rapids, St. Paul, Pipestone, Hutchinson and Montevideo, Minn., Minot, N. D., and Sioux Falls, S. D., Union Lt., Ht. & Pwr. Co., Fargo, N. D., Interstate Lt. & Pwr. Co., Galena, Ill., and Platteville, Hudson and Somerset, Wis., and Red River Power Co., Red Lake Falls, Minn., and Grand Forks, N. D.)

Pres. H. M. Byllesby.....Chicago
 { Arthur S. Huey..... "
 (Treas.) J. J. O'Brien "
 V. Prests. { (Ch. Engr.) Otto E. Osthoff "
 G. H. Harries..... A. E. F.
 (Sec.) R. J. Graf.....Chicago
 Gen. Audr. B. W. Lynch..... " ★59

190—Chicago Elevated Rys.—
 Office, 1127 Edison Bldg., cor. Adams
 & Clark Sts. (Controls the South Side
 Elevated R. R. Co., Metropolitan West
 Side Elevated Ry. Co., and the North-
 western Elevated R. R. Co.)

Trustees { Samuel Insull.....Chicago
 William G. Beale..... "
 { Gilbert E. Porter.. "
 Samuel Insull..... "
 Governing { Wm. A. Fox..... "
 Committee { John H. Gulick.... "
 Britton I. Budd.... "
 Executive { Samuel Insull..... "
 Committee { John H. Gulick.... "
 Wm. A. Fox..... "
 Sec. W. V. Griffin..... "
 Compt. E. A. Brion..... " ★59

191—Chicago Utilities Co.— Office,
 754 W. Jackson Blvd. (Successor to Chi-
 cago Subway Co.) (Owns the Chicago
 Tunnel Co., Chicago, Warehouse &
 Terminal Co. and Illinois Telephone &
 Telegraph Co.)

Pres. S. W. Tracy.....Chicago
 V. Pres. "
 Sec. & Treas. J. C. Payton..... " ★59

192—Union Utilities Co. (Formerly
Elston & Co.)—Office, 39 So. La Salle St.
 Owns and operates the following prop-
 erties: Dubuque (Ia.) Electric Co.;
 Vicksburg (Miss.) Lt. & Trac. Co.;
 Northern Iowa Gas & Elec. Co. (Humb-
 oldt, Ia.); Lenawee County Gas & Elec.
 Co. (Adrian, Mich.); St. Charles (Mo.)
 Ltg. Co. and Indiana Gas Light Co.
 (Noblesville, Ind.)

Pres., Treas. & Gen. Mgr.
 J. N. McCallum..... Chic go
 V. Pres. A. C. Allyn..... "
 Sec. I. C. Elston, Jr..... "
 Ch. Engr. C. G. Johnson..... " ★59

193—Middle West Utilities Co.—
 Office, 72 West Adams St., Chicago. (The
 following is a list of the subsidiary com-
 panies: Central Illinois Public Service
 Co., So. Illinois Ry. & Pwr. Co.,
 Illinois Northern Utilities Co., Central
 Illinois Utilities Co., Eastern
 Illinois Ice Co., Hoopston Gas &
 Elec. Co., Hamilton Utilities Co., Ster-
 ling, Dixon & Eastern Elec. Ry. Co.,
 McHenry County Light & Power Co.,
 Interstate Public Service Co., Central
 Indiana Ltg. Co., Franklin Wtr. Lt. &
 Pwr. Co., United Gas & Elec. Co., Louis-
 ville & Northern Ry. & Ltg. Co., Louis-
 ville & Southern Indiana Trac. Co., New
 Albany Wtr. Wks., Southern Indiana
 Pwr. Co., Kentucky Utilities Co., Pub-
 lic Service Co. of Oklahoma, Chickasha
 Gas & Elec. Co., Missouri Gas & Elec.
 Service Co., Michigan Gas & Elec. Co.,
 Kentucky Lt. & Pwr. Co., Central Pwr.
 Co., Citizens Gas Lt. Co., Nebraska
 City Utilities Co., Twin State Gas &
 Elec. Co., Berwick & Salmon Falls
 Elec. Co., Electric Transmission Co. of
 Va., Southern Wisc. Elec. Co., Tenn.
 Public Service Co., Northwest Utilities
 Co. and American Public Service Co.)

Pres. Samuel Insull.....Chicago
 V. Prests. { Martin J. Insull..... "
 John F. Gilchrist.... "
 Sec. Edward J. Doyle..... " ★59

Asst. Sect. & Asst. Treas.
 E. J. Knight..... Chicag
 Treas. Oliver E. McCormick.... " ★59

CHICAGO HEIGHTS. 21,693 (1916)
 (See also Nos. 174 and 218.)

194—Chicago Heights St. Ry. Co.—
 Office, 817, 134 So. La Salle St., Chicago
 Pres. C. H. Wacker..... Chicag
 Sec. Edward D. Adams..... "
 Supt. Claim & Pur. Agt.
 J. T. Murphy.....Chicago Height
 M. M., Robert Johnson
 11th & Wentworth Ave. " "
 Trolley volt. 620-650 v.
 Repair shops, 11th St. & Wentworth
 Ave.
 6.5 miles; 4-8½ g; 6 motor and 4 other
 cars. ★59

CICERO. 19,974 (1916).
 (See No. 180.)

DANVILLE. 32,261 (1916).

195—Danville St. Ry. & Lt. Co.—
 Office, Danville. (Controlled by Dan-
 ville, Champaign & Decatur Ry. & Lt.
 Co. and is part of Illinois Traction
 System.)

Pres. W. B. McKinley.....Champaign
 V. Pres. Exec. H. E. Chubbuck... Peoria
 V. Pres. Geo. M. Mattis..... Champaign
 Sec. T. B. Macaulay.....Montreal, Can.
 Pur. Agt. H. J. Vance..... Peoria
 Gen. Supt. J. E. Johnson..... Danville
 Supt. M. Connor..... "
 Ch. Engr. Pwr. Sta.

Theo. Tillotson..... "
 M. M., A. J. Mayham..... "
 Power sta. equip. 1 turbo-gen. G. E.
 5000 kva. 2300 v. 60 cys; 1 d. c. G. E. 300
 kw; 3 a. c. G. E., Allis-C, tot. 3800 kw.
 2300 & 6500 v. 3 ph. 25 & 60 cys; 3 rot. conv.
 tot. 1600 kw; 1 freq. chgr. 1000 kw;
 8500 hp. e. Ham. Allis-C; 5800 hp. b. Stir;
 trans. volt. 33,000 v; trolley volt. 600 v.
 Power sta. and repair shops at Danville.
 18 miles; 4-8½ g; 34 motor cars. (Co.
 does general ltg. and power business.) ★59

DECATUR. 39,631 (1916)

196—Decatur Ry. & Lt. Co.—Office,
 124 S. Water St. (Controlled by Dan-
 ville, Champaign & Decatur Ry. & Lt.
 Co. and is part of Illinois Trac. System,
 which see for executive officers.)

Pres. Wm. B. McKinley.....Champaign
 V. Pres. H. E. Chubbuck.....Peoria
 Treas. Geo. M. Mattis.....Champaign
 Audr. C. Erwin.....Decatur
 Gen. Mgr. M. L. Harry..... "
 Supt. Transp. P. J. Briley..... "
 Pur. Agt. H. J. Vance..... Peoria
 Claim Agt. H. C. White.....Decatur
 Oper. Engr. H. J. Klotz..... "
 Ch. Engr. Pwr. Sta.

E. P. McCune.....Champaign
 Ch. Engr. G. W. Dover..... "
 Elec. Engr. J. C. McNally..... "
 M. M., C. H. Woods..... "
 Engr. Ovhd. Constr.
 W. C. Peplow..... "
 Pwr. sta. equip. 2 d. c. Allis-C., G. E.
 tot. 1800 kw; 3 a. c. Allis-C, West., G. E.
 tot. 3500 kw. 2300 v. 3 ph. 60 cys; 6750 hp.
 e. H. O. & R., Allis-C; 4700 hp. b. Bab. &
 W. Stirling.

Pwr. sta. at Edward & Cerro Gordo Sts;
 repair shops at 500 E. North St.
 15 miles; 4-8½ g; 33 motor and 7 other
 cars. (Company does general ltg. and
 pwr. business.) ★59

DE KALB. 8,102

197—DeKalb-Sycamore & Interur-
ban Trac. Co.—Office, So. Third St.
 (Operating the De Kalb-Sycamore Elec.

Co.) (Connects DeKalb and Sycamore)
(Controlled by the Union Ry., Gas &
Elec. Co.)
Pres. B. C. Cobb,
14 Wall St., New York, N. Y.
2d V. Pres. & Treas.
W. C. Sparks.....Rockford
Sec. W. H. Lemons..... "
Asst. Sec. & Asst. Treas.
S. E. Wolf.....New York, N. Y.
Gen. Audr. H. G. Kessler, "
Supt. & Ch. Engr. Frank Conley, DeKalb
2 d. c. West. tot. 400 kw. 1400 kva; a. c.
West G. E., 4000 v. 3 ph. 60 cys; 2000
hp. e. Ham; 1600 hp. b. Stir., Wicks; 500
kw. atm. turb. West; trans. volt. 4000 v;
trolley volt. 550 600 v.
Power sta. and repair shop at De Kalb.
7.4 miles; 4-8½ g; 4 mo. pass. and 2
trail pass. and 2 other cars. (Co. does
general ltz. and pwr. business.) ★69

DIXON. 7,216.

(See also No. 208.)

198—Sterling, Dixon & Eastern
Elec. Ry. Co.—Office, 421-423 1st St.,
Dixon. (Operates in Sterling and Dixon
and connects these towns.) (Controlled
by the Illinois Northern Utilities Co.,
which in turn is controlled by the Middle
West Utilities Co.)
Pres. Samuel Insull

72 W. Adams St., Chicago
V. Pres. E. D. Alexander.....Dixon
Sec. & Treas. John H. Gulick

72 W. Adams St., Chicago
Audr. L. E. Jacobson.....Dixon
Supt. & Gen. Fgt. & Pass. Agt.

A. W. Courner..... "
Claim Agt. R. H. Howell..... "
Pur. Agt. W. L. Campbell..... "

Energy from Illinois Northern Utilities
Co. at Dixon and Sterling; 2 d. c. G. E.
tot. 550 kw; trolley volt. 600 v.

Repair shops at Dixon.
19 miles; 4-8½ g; 10 motor and 3 other
cars. 59

EAST MOLINE. 2,665.

(See No. 225.)

EAST ST. LOUIS. 85,000 (1918).

(See also No. 158.)

199—East St. Louis, Columbia &
Waterloo Ry.—Office, 19th and Baker
Sts. (Connects St. Louis, Mo., E. St.
Louis, Cahokia, Prairie du Pont, Dupo,
Columbia and Waterloo, Ill.)

Pres. E. H. Conrades
814 No. 4th St., St. Louis, Mo.
V. Pres., Sec., Treas. &

Audr. Wm. F. Gould..... "
Supt. O. C. Macy.....East St. Louis
Claim Agt. L. O. Whitnel..... "

Gen. Fgt. & Pass. Agt. & Pur. Agt.
W. C. Johnston, 814 No. 4th St.,
St. Louis, Mo.

Ch. Engr. Baxter L. Brown..... "
M. M. Wm. J. Harper.....East St. Louis
Roadmaster, J. T. McMahon.....Columbia

Energy purchased from E. St. Louis &
Suburban Ry.; trans. volt. 13,200 v; trolley
volt. 600 v.

Repair shops at 19th & Baker Sts., E.
St. Louis.

Reaches Burnett's Park at Dupo, God-
in's Park at Prairie du Pont, Turner Park
at Columbia and Falling Springs (all
private).

22.2 miles; 4-8½ g; 5 motor pass. and
3 other motor cars; 1 other car. 59

200—East St. Louis Ry. Co.—Office,
7 Collinsville Ave. (Operates in E. St.
Louis.) (Controlled by The East St.
Louis & Suburban Co.)

Pres. W. H. Sawyer
Huntington Bk. Bldg. Columbus, Ohio
V. Pres., L. C. Haynes..... "
Sec. & Treas. G. L. Estabrook

821 Chestnut St., Philadelphia, Pa.

Asst. Sec. & Asst. Treas.

T. W. Gregory.....East St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
Claim Agt. Trevor C. Neilson..... "
Gen. Pass. Agt. C. S. Darrach..... "
Pur. Agt. E. C. Johnston..... "
Supt. Pwr. G. W. Welsh..... "
Supt. W. H. Guyton..... "
Engr. M. of W., H. F. Merker..... "
Roadmaster, John A. Roach..... "

Asst. Supt. Pwr. T. H. Ness, "
Energy purchased from E. St. Louis &
Suburban Ry. Co.; trolley volt 600 v.

Reaches Lansdowne Park and Jones
Park.
36.05 miles; 4-8½ g; 84 motor and
10 other cars. ★59

201—East St. Louis & Suburban Ry.
Co.—Office, 7 Collinsville Ave. (Oper-
ates in Belleville and the interurban
lines from East St. Louis to Belleville
and interurban lines connecting Ed-
wardsville, Collinsville, Caseyville,
Lebanon and O'Fallon with East St.
Louis.) (Controlled by The East St.
Louis & Suburban Co.)

Pres. W. H. Sawyer
Huntington Bk. Bldg., Columbus, O.

V. Pres. { L. C. Haynes.. East St. Louis
(In Charge of Operation)
Harold W. Clapp, Hunting-
ton Bk. Bldg., Columbus, O.

Sec. & Treas. G. L. Estabrook,
821 Chestnut St., Philadelphia, Pa.

Asst. Sec. & Asst. Treas.
T. W. Gregory.....East St. Louis

Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "
Claim Agt. Trevor C. Neilson..... "

Gen. Pass. Agt. & Supt.
Fgt. Traffic, C. S. Darrach..... "
Pur. Agt. E. C. Johnston..... "

Supt. Pwr. G. W. Welsh..... "
Supt. City Lines, W. H. Guyton..... "
Supt. Inter-Lines, J. A. Peterson..... "

Ch. Engr. Pwr. Sta. L. R. Pape..... "
Engr. M. of W., H. F. Merker..... "
M. M., L. W. Jacques..... "

Roadmaster, John A. Roach..... "
Asst. Supt. Pwr. T. H. Ness..... "

Power sta. equip. 3 d. c. G. E. tot. 3600
kw; 5 a. c. G. E. tot. 7000 kw. 13,200-
2300 v. 3 ph. 25-60 cys; 5100 hp. e. Fulton,
St. Louis Cor; 7000 hp. b. Heine; 5500
kw. turb. G. E.; trans. volt. 13,200 v;
trolley volt. 600 v. Interchange of energy
with E. St. Louis Lt. & Pwr. Co.

Power sta. and repair shop at East St.
Louis.
Reaches Allens Park and Monks
Mound.

72,089 miles; 4-8½ g; 4 fgt. mo;
319 coal and 9 service cars; 2 atm. locos.

(Co. also sells energy to East St. Louis,
Columbia & Waterloo Ry., East St. Louis
Ry. Co., St. Louis & E. St. Louis Elec.
Ry. Co., St. Louis & Belleville Elec. Ry.,
Alton, Granite & St. Louis Trac. Co. and
East St. Louis Lt. & Pwr. Co.) ★59

202—St. Louis & Belleville Elec.
Ry. Co.—Office, 7 Collinsville Ave.
(Operates an electric railway line be-
tween E. St. Louis and Belleville hand-
ling freight, principally coal.) (The
East St. Louis & Suburban Co. town
entire bond issue of this Company.)

Pres. L. C. Haynes.....East St. Louis
V. Pres. W. H. Sawyer

Huntington Bk. Bldg., Columbus, O.
Sec. & Treas. G. L. Estabrook

821 Chestnut St. Philadelphia, Pa.
Asst. Sec. & Asst. Treas.

T. W. Gregory.....East St. Louis
Gen. Mgr. D. E. Parsons..... "
Gen. Supt. W. C. Myers..... "

Claim Agt. Trevor C. Neilson..... "
Supt. Fgt. Traffic
C. S. Darrach..... "

Pur. Agt. E. C. Johnston, East St. Louis
 Engr. M. of W., H. F. Merker " "
 Roadmaster, John A. Roach " "
 Energy purchased from East St. Louis
 & Suburban Ry. Co.
 17,629 miles; 510 coal and 14 work
 cars; 2 elec. locos. ★59

**203—St. Louis & East St. Louis
 Elec. Ry. Co.**—Office, 7 Collinsville
 Ave. (Operates an electric railway be-
 tween St. Louis, Mo., and E. St. Louis,
 Ill., via Eads Bridge, under agreement
 with Terminal R. R. Association of St.
 Louis.) (Controlled by The East St.
 Louis & Suburban Co.)

Pres. L. C. Haynes, East St. Louis
 V. Prests. { W. H. Sawyer, Columbus, O.
 E. J. Costigan, St. Louis, Mo.
 Sec. & Treas. G. W. Estabrook
 321 Chestnut St., Philadelphia, Pa.
 Asst. Sec. & Asst. Treas.
 T. W. Gregory, East St. Louis
 Gen. Mgr. D. E. Parsons, " "
 Gen. Supt. W. C. Myers, " "
 2.48 miles. The East St. Louis Ry. Co.,
 East St. Louis & Suburban Ry. Co.,
 E. St. Louis, Columbia & Waterloo,
 and Alton Granite and St. Louis Trac. Co.
 operate their cars over this line into St.
 Louis. ★59

**204—Southern Traction Co. of
 Illinois.**—Office, 513 Murphy Bldg.
 (Operation of road between E. St. Louis
 and Belleville will begin immediately;
 will connect Christopher, Duquoin,
 Benton and Frankfort.) (Acquired
 the Illinois & Indiana Elec. Ry.
 Co.) (Contract has been made with
 East St. Louis Interurban Electric Ry.
 Co., recently organized, to lease to said
 company about 10 blocks of track in
 city of E. St. Louis, so that this com-
 pany can make connection with the
 Municipal Bridge and operate its cars
 into city of E. St. Louis.)
 Sold at public auction to H. D. Mephram,
 St. Louis, Mo., for \$400,000.
 15 miles. (Under construction.) ★79j

**205—The East St. Louis & Suburban
 Co.**—General Office, Wilmington, Del.
 (Successor to East St. Louis & Sub-
 urban Co.) (Controls through stock
 ownership the East St. Louis Ry.
 Co., the East St. Louis & Suburban
 Ry. Co., the St. Louis & East St.
 Louis Elec. Ry. Co., the East St. Louis
 Lt. & Pwr. Co., the Alton, Granite & St.
 Louis Traction Co., and the Alton Gas
 & Elec. Co; owns entire bond issue of
 the St. Louis & Belleville Elec. Ry. Co.
 Under management of E. W. Clark &
 Co. Management Corp., Philadelphia,
 Pa., and Columbus, O.)

Pres. C. M. Clark,
 321 Chestnut St., Philadelphia, Pa.
 V. Pres. H. L. Clark
 321 Chestnut St., " "
 Sec. G. L. Estabrook
 321 Chestnut St., " "
 Asst. Sec. C. A. Pearson, Jr.
 321 Chestnut St., " "
 Treas. & Asst. Sec.
 T. W. Gregory, East St. Louis
 Companies controlled operate 194,737
 miles of track. ★69

ELGIN, 28,203 (1916)
 (See Nos. 162 and 181.)

EVANSTON, 28,591 (1916)

206—Evanston Ry. Co. Office, Central
 St. Car Station. (Successor to
 County Trac. Co's lines in Evanston.)
 (Connects with Chicago Surface Lines).
 Pres. Clement C. Smith, Milwaukee, Wis.
 J. P. Pulliam, " "
 V. Prests. { Gen. Mgr.
 Chas. F. Speed, Evanston

Sec. & Treas.

Geo. J. Chaffee, Milwaukee, Wis.
 Ch. Engr. C. A. Ewing, " "
 Energy purchased from Public Service
 Co. of Northern Illinois; trolley volt.
 600 v.
 Repair shops at Central St. Car Station.
 10 miles; 4-8½ g; 13 motor pass cars.
 (Sells energy to North Shore & Western
 Ry. Co.) 118

**207—North Shore & Western Ry.
 Co.**—Office, 15 S. Desplains St., Chi-
 cago. (Operates out of station of
 Evanston Ry. Co. in Evanston, west,
 to Glen View Club in Golf.)

Pres. Geo. P. Merrick
 69 W. Washington, Chicago
 V. Pres. C. H. Poppenhusen
 Lumber Exch. Bldg., " "
 Sec. & Treas. H. R. Hixson, " "
 Energy purchased from Evanston Ry.
 Co.
 3.55 miles; 1 car. 118

FARMINGTON, 2,421.

(See No. 167.)

FREEPORT, 19,568 (1916).

**208—Illinois Northern Utilities
 Co.**—Gen. office, 421 First Street (Owns
 Pecatonica River Pwr. Co. and operates
 under lease the Stephenson County Hyd.
 & Mfg. Co., total cap. 5,250 hp.) (Con-
 trols Sterling, Dixon & Eastern Elec.
 Ry. Co. and is itself a subsidiary of the
 Middle West Utilities Co.)

Pres. Samuel Insull
 72 No. Adams St., Chicago
 V. Pres. E. D. Alexander, Dixon
 Sec. P. L. Reilly, " "
 Audr. L. E. Jacobson, " "
 Local Supt. Roy Greer, Freeport
 Claim Agt. R. H. Howell, Dixon
 Pur. Agt. W. L. Campbell, " "
 Oprtg. Supt. A. N. Richardson, Freeport
 Ch. Engr. O. W. Dodd, Dixon
 M. M., John Greve, Freeport
 Engr. Maint. of Way, Henry Gale, " "
 Ch. Engr. Pwr. Sta.
 Clarence Miller, " "
 Power sta. equip. 1 d. c. Westg. E. & M.,
 250 kw; 2 a. c. Westg. Allis-C., tot. 1150
 kva. 2 ph. 60 cys; 600 hp. e. Fult. Iron
 Wks, 1300 hp. b. Bab. & W; 200 hp.
 turb. (wtr.) Lef; 750 kw. Allis-C. turb.
 trans. (stm.); 10,000-33,000 v; trolley volt.
 625 v.; 1 rot. conv., 300 kw.
 Power sta. at Adams St. & Clark Ave.
 repair shops at Liberty & Spring Sts.
 Controls Highland Amusement Park.
 9 miles; 4-8½ g; 10 mo. pass; 2 trail
 pass cars and 1 service car. (Company
 furnishes energy for lighting and power.)
 ★59

GALESBURG, 24,276 (1916).

**209—Galesburg Ry., Ltg. & Pwr.
 Co.**—Local office, 7 Main St. (Connects
 Galesburg, Knoxville and E. Gales-
 burg.) (Part of Illinois Traction System.)
 Pres. Wm. B. McKinley, Champaign
 V. Pres. Exec. H. E. Chubbuck, Peoria
 Sec. T. B. Macaulay, Montreal, Can.
 Treas. Edward Woodman, Portland, Me.
 Asst. Treas. G. R. McComb, Champaign
 Gen. Audr. B. E. Bramble, " "
 Audr. W. J. Achelpohl, Peoria
 Pur. Agt. H. J. Vance, " "
 Gen. Supt. R. F. Carley, Galesburg
 Supt. Ry., C. C. West, " "
 Ch. Engr. Pwr. Sta. E. H. Merrill, " "
 Power sta. equip. 4 d. c. Bull. G. E. tot.
 1450 kw; 3 a. c. Bull. Allis-C. tot. 2000 kw.
 2300 v. 3 ph. 60 cys; 2350 hp. e. Ham.
 Cor. Allis-C; 2015 kw. stm. turb. West,
 G. E; 6400 hp. b. Stir.; trans. volt. 2300 v;
 trolley volt. 600 v.

Power sta. at Ferris & West Sts; repair shop at 632 E. Main St.

Owns Highland Park.

90.75 miles; 4-8½ g; 30 motor and 6 trail and 1 work car; 1 snow sweeper. (Company does general ltg. & pwr. business.) 59

210—People's Traction Co.—Office
7 E. Main St. (Connects Galesburg and Abingdon, Ill.) Part of Illinois Trac. System.

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck...Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. E. Woodman.....Portland, Me.
Audr. B. E. Bramble.....Champaign
Gen. Supt. R. F. Carley.....Galesburg
Supt. C. C. West....."
Pur. Agt. H. J. Vance.....Peoria
Energy purchased from Galesburg Ry. Ltg. & Pwr. Co.

Reaches amusement park, leased by company.

12.5 miles; 4-8½ g; 4 motor and 6 other cars. 59

GALVA. 2,498.

(See No. 221.)

GOLF.

(See No. 207.)

HARRISBURG. 10,500.

212—Southern Illinois Ry. & Pwr. Co.—Office, Harrisburg. (Connects Eldorado, Wason, Muddy, Harrisburg, Dorrisville, Ledford and Carrier Mills.) (Subsidiary of Middle West Utilities Co.)

Pres. Marshall E. Sampell.....Chicago
1st V. Pres. J. Paul Clayton...Mattoon
Sec. & Pur. Agt. D. R. Truax..."
Treas. C. E. Cripe....."
Gen. Mgr. B. F. Tucker....."
Audr P. A. Erlach....."
Gen. Supt. D. A. Roberts....Harrisburg
Gen. Fgt. & Pass. Agent

Chas. Burks.....Mattoon
Ch. Eng. Pwr. Sta. & M. M.
R. R. Tweedy.....Harrisburg
Roadmaster, J. W. Butts....."

Power sta. equip. 4 a. c. G. E. Allis-C. turbo gen. tot. 15,000 kw. 2300 v. 3 ph. 60 cys; 8 eng; 3712 hp. b. Spfg. Wickes; stm. turb. Allis-Q. G. E., trans. volt. 33,000 v; trolley volt. 1200 v.

1 sub-sta.; cap 900 kw; 2 mo. gen sets.
Power sta. and repair shop at Muddy.
15.5 miles; 4-8½ g; 4 motor pass, 3 trail pass. cars and 1 fgt. motor car; 15 fgt. cars without motors. ★59

HIGHWOOD. 1,219.

213—Chicago North Shore & Milwaukee R. R. (Successor to The Chicago & Milwaukee Elec. R. R. Co.)—Also operates The Chicago & Milwaukee Elec. Ry., a local line in Milwaukee, Wis. Connects Chicago (Terminal at Evanston), Wilmette, Kenilworth, Winnetka, Glencoe, Highland Park, Highwood, Lake Forest, Lake Bluff, No. Chicago. Waukegan, Zion City, Libertyville and Aera in Illinois; Kenosha, Racine and Milwaukee in Wisconsin.)

Pres. Britton I. Budd
72 W. Adams St., Chicago
Asst. to Pres. C. E. Thompson..Highwood
V. Pres. R. Floyd Clinch
Rookery Bldg., Chicago
Sec. & Treas. W. V. Griffin
72 W. Adams St. "
Gen. Counsel, Ralph R. Bradley
Rookery Bldg. "
Gen. Atty. A. L. Gardner
72 W. Adams St. "
Audr. T. B. MacRae.....Highwood
Gen. Supt. M. J. Fernon
72 W. Adams St., Chicago
Ch. Engr. B. J. Fallon "

Local Supt. E. J. Bock...Milwaukee, Wis.
Claim Agt. G. T. Hellmuth...Highwood
Supt. Transpt. J. W. Simons..."
Engr. M. of W. J. S. Hyatt....."
Elec. Engr. C. Huttleston....."
Energy purchased from The Milwaukee Elec. Ry. & Lt. Co. and Public Service Co. of Northern Illinois; trans. volt. 13,200 & 33,000 v; trolley volt. 600 v.
13 sub-sta. (4 with auto. cont.) tot. cap. 12,500 kw; 22 rot. conv.

Repair shops at Highwood.
Reaches Great Lakes Naval Training Station, Ravinia Park, near Highland Park, Ill., Ft. Sheridan and Electric Park. 160 miles; 4-8½ g; 115 motor, 162 fgt., 20 service and 1 work car; 4 locos. 118

HILLSBORO. 7,321 (1913).

214—Southern Illinois Lt. & Pwr. Co.—Office, 805 Central Nat'l Bank Bldg., St. Louis, Mo. (Connects Hillsboro, Taylor Springs and Schram City.)
Pres. & Gen. Mgr. J. J. Frey, St. Louis, Mo.
V. Pres. Guy C. Lane....."
Sec. A. C. Hall....."
Treas. C. A. Ramsey.....Hillsboro
Audr. M. R. Noack.....St. Louis, Mo.
Gen. Supt. W. F. Corl....."
Pur. Agt. W. W. Burton..."
Local Supt. C. P. Hamlin....Hillsboro
Ch. Engr. Pwr. Sta. J. L. Best.."
Engr. Overhead Constr.

H. F. Blockburger....."
Power sta. equip. 3 a. c. G. E., tot. 1750 kw. 2300 v. 3 ph. 60 cys; 350 hp. e. Chuse; — hp. b. Bab. & W; 1500 kw. turb. (stm.) G. E.; trolley volt. 600 v.

Power sta. at Seward St., Hillsboro; repair shops and car barn at Miller St., Hillsboro.

Reaches Ball Park (owned.)
3.5 miles; 4-8½ g; 5 motor and 2 other cars. (Company does a general lighting and power business.) ★19†

JACKSONVILLE. 15,481

215—Jacksonville Ry. & Lt. Co.—Office, 224 So. Main St. (Including Jacksonville Gas & Elec. Co. and Jacksonville St. Ry. Co.) (Part of Illinois Trac. System.)

Pres. Wm. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck...Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign
Audr. W. D. Cole.....Jacksonville
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. E. H. Gray.....Jacksonville
Ch. Engr. L. O. Williams..."

Pwr. sta. equip. 3 a. c. G. E. tot. 1150 kw. 2300 v. 3 ph 60 cys; 2 d. c. West. tot. 400 kw. 550 v; 1615 hp. e. Mc.I & S. St. L. Cor. Ball; 1400 hp. b. Bab. & W, Stir.

Pwr. sta. at Jacksonville.
8 miles; 4-8½ g; 14 motor and 9 other cars. (Co. does general ltg. & pwr. business.) ★29†

JERSEYVILLE. 4,118.

(See No. 159.)

JOLIET. 38,010 (1916).

(See also No. 229.)

216—Aurora, Plainfield & Joliet Ry.—Office, Joliet. (Connects Aurora, Plainfield and Joliet.)

Pres. F. K. Shrader.....Chicago
V. Pres. Jas. Winston....."
Sec. & Treas., C. T. MacNeill..."
Audr. Chester G. Moore.....Joliet
Gen. Mgr. & Pur. Agt., R. A. Moore "
M. M. & Ch. Engr. Pwr. Sta.

E. Keys.....Plainfield
Energy purchased from Public Service Co. of Northern Illinois and Aurora, Elgin & Chicago R. R. Co.; trolley volt. 600 v.

1 sub-sta. cap. 600 kw; 2 rot. conv.

Sub-sta. at Joliet: repair shops at Plainfield.

Reaches Electric Park, Plainfield (owned).

23.25 miles; 4-8 1/2 g; 12 motor cars and 1 other car. 59

217—Chicago & Joliet Electric Ry. Co.—Office, Ottawa & Clinton Sts. (Includes Joliet R.R.Co., Chicago & Joliet Rapid Transit Co., and controls Chicago and Des Plaines Valley Elec. Ry. Co.) (Connects Chicago, Summit, Lyons, Argo, Willow Springs, Lemont, Lockport and Joliet.) (Controlled by American Rys. Co., Philadelphia, Pa.) Pres. Van Horn Ely... Philadelphia, Pa.

V. Prests. } H. J. Crowley..... " } C. L. S. Tingley... " Sec. & Treas. Walter W. Perkins " Compt. F. J. Pryor, Jr..... " Gen. Mgr. J. R. Blackhall..... Joliet Supt. W. H. Heun..... " Pur. Agt. G. C. Weirick. Philadelphia, Pa. Engr. M. of W. J. B. Tinnon..... Joliet M. M., A. P. Bismann..... " Traffic Agt. & Park Mgr. J. P. MacCulloch..... "

Energy purchased from Public Service Co. of Northern Illinois; 9 a. c. G. E. motor gen. sets. tot. 2000 kw. 3 ph. 60 cys; trans. volt. 15,000 v; trolley volt. 600 v.

Power sta. at Joliet on Drainage Canal (water power): repair shop at Joliet.

Controls Dellwood Park, en route to Lockport.

85.75 miles; 4-8 1/2 g; 81 motor and 8 other cars. Company furnishes power for lighting. *59

218—Joliet & Eastern Trac. Co. —Office, Joliet. (Connects Chicago Heights, Matteson, Frankfort, New Lenox and Joliet.)

Pres. Joy Morton. Ry. Ex. Bldg. Chicago V. Pres. Robt. Kelly..... Joliet Sec. E. H. Stearns, Ry. Ex. Bldg. Chicago Treas. Daniel Peterkin " Gen. Mgr. & Pur. Agt. F. C. Eckmann..... Joliet Car Fmn. Ed. Catchfal..... "

Energy from Public Service Co. of Northern Illinois; repair shop at Frankfort.

25 miles; 4-8 1/2 g; 6 motor and 4 other cars. 59

JONESBORO, 1,169.

(See No. 161.)

KANKAKEE. 14,230 (1916).

219—Kankakee Elec. Ry. Co.—Office, 3 Court St.

Pres. R. A. McCracken..... Paxton V. Pres. E. E. Rollins..... Kankakee Sec. & Treas. E. D. Risser..... " Gen. Mgr. & Pur. Agt. John Iseminger..... "

Power sta. equip. 2 d. c. West. tot. 400 kw; 250 hp. e. Erie; 500 hp. b. Erie; trolley volt. 500 v.

Power sta. and repair shops, at Greenwood Ave. & Big Four Tracks.

Reaches and owns Electric Park. 12 miles; 4-8 1/2 g; 10 motor pass., 5 trail pass. and 3 other motor cars. *59

220—No. Kankakee Elec. Light & Ry. Co.—Office, Ill. Eastern Trust & Savings Bank Bldg. (Connects Kankakee, Bradley and Bourbonnais.)

Pres. Louis Beckman..... Kankakee Treas. Henry Beckman..... " V. Pres. Fred. Mann..... " Sec. W. F. Beckman..... " Gen. Mgr. C. G. Windal..... Bradley Energy purchased from Chicago & Southern Trac. Co.; repair shops at Bradley. Reaches Fair Grounds.

4.5 miles; 4-8 1/2 g; 7 motor and 4 other cars. 118

KEWANEE. 13,561 (1916)

221—Galesburg & Kewanee Elec. Ry. Co.—Office, Kewanee. (Connects Kewanee, Wethersfield and Galva.)

Pres. W. H. Lyman..... Kewanee V. Pres. J. K. Blish..... " Sec. F. M. Lay..... " Treas. J. H. Baethke..... " Gen. Mgr. & Pur. Agt. R. H. Hayward..... " Ch. Engr. Pwr. Sta. H. Pine.... " M. M., F. L. Desens..... " Roadmaster, L. E. Hanson..... "

Power sta. equip. 2 d. c. G. E., West. tot. 600 kw; 1000 hp. e. Beckye; 700 hp. b. Kew; trolley volt. 600 v.

Power sta. and repair shops at Kewanee. Reaches Windmont Park, Wethersfield, and Terminal Park.

14 miles; 4-8 1/2 g; 12 motor and 6 other cars. *59

KNOXVILLE. 1,818.

(See No. 209.)

LA SALLE. 12,221 (1916)

(See No. 229.)

LINCOLN, 11,838 (1916)

221a—Lincoln Munic. St. Ry.—(In June 1917, city acquired the property of the Lincoln Ry. & Htg. Co. and Lincoln Elec. Ry. Co.)

Mayor, W. D. Gayle, (Gen. Mgr. & Pur. Agt.)..... City Hall, Lincoln Sec. A. R. Thomas (City Clerk)... " City Treas.

Frank Bollin, Lincoln Nat'l Bank " Elec. Engr., & M. M. James T. Price.... 410 Clinton St. " Engr. M. of W.

Wm. Cole..... " " " Engr. Ovhd. Constr. Bidwell Storer..... " " "

Energy purchased from Lincoln Water, Light & Power Co; trans. volt. 2300 v; trolley volt. 550 v.

Repair shops at 410 Clinton St. Reaches Chantangua Park.

5 miles; 4-8 1/2 g; 8 motor cars. (One mile of new track contemplated.) *59

MARION. 7,093.

222—Coal Belt Elec. Ry. Co.—Office, c/o Mo. Pac. R. R., Ry. Exch. Bldg., St. Louis, Mo. (Connects Marion, Herrin, Carterville and Energy.)

Pres. J. G. Drew, 611 Olive St., St. Louis, Mo. V. Pres. A. Robertson..... " " Sec. F. W. Ireland..... " " Treas. F. M. Hickman..... " " Gen. Mgr. J. F. Murphy.... " " Andr. C. B. More..... " " Supt. H. H. Berry..... " " Claim Agt. A. H. Mansfield Pnr. Agt. C. A. How..... " " Ch. Engr. H. R. Carpenter. " " Elec. Engr. L. D. More..... " " Signal Eng. B. H. Mann..... " "

Asst. Supt. O. L. Glass..... Marion Ch. Engr. Pwr. Sta. A. W. Steels, Energy M. M., F. W. Gratiot..... Illmo Engr. M. of W.

A. F. Dorley..... St. Louis, Mo. Engr. Ovhd. Constr. J. C. Morrison..... Marion

Power sta. equip. 2 d. c. West. tot. 600 kw; 500 hp. e. West; 927 hp. b. Heine; trans. and trolley volt. 600 v.

Power sta. and repair shop at Energy. 14 miles; 4-8 1/2 g; 7 motor pass. cars and 1 other motor car. *59

MATTOON. 12,583 (1916).

23—Central Illinois Public Service Co.—Office, Avey Bldg., Mattoon, Ill. (Operates local railway systems at Mattoon, Charleston, Taylorville and Anna.) (Also controls and operates Central Illinois Traction Co., which operates an interurban electric railway between Mattoon and Charleston, and a local street railway line in Paris and the Southern Illinois Railway & Power Co. which operates between Eldorado Harrisburg and Carrier Mills.) (Subsidiary of the Middle West Utilities Co.)

res. Marshall E. Sampson
Edison Bldg., Chicago
Pres. J. Paul Clayton....Springfield
ec. & Pur. Agt. D. R. Truax....Mattoon
reas. C. E. Cripe.....Springfield

ndr. P. A. Erlach.....
Gen. Mgr. G. W. Hamilton.....
Claim Agt. F. S. Armstrong.....
Mgr. of Oper. B. F. Tucker.....
Local Supt. H. J. Musgrove.....
Supt. Ry. W. C. Herring.....
Elec. Engr. A. W. Mann.....
Mech. Engr. J. D. Roberts.....
Mech. Engr. Pwr. Sta.

G. A. Hardwick.....
H. M., Morris W. Storms.....
Roadmaster, M. Jones.....
Engr. Overhd. Constr. Geo. W. Cook
Energy from Electric Utility Division
of Central Illinois Public Service Co; trolley
volt. 550 v.

Repair shops at Mattoon.
Reaches Lytle Park and Peterson Park
owned by city.
15.5 miles; 4-8½ g; 13 motor and 4
other cars. ★59

234—Central Illinois Trac. Co.—
Office, Mattoon. (Operates an interurban
line between Mattoon, Loxa and Charle-
ston, and a local line in Paris.) (Controlled
and operated by Central Illinois Public
Service Co., which see for officers)
Energy purchased from Central Illinois
Public Service Co.; trolley volt. 575 v.

Repair shops at Mattoon.
Owns Urban Park.
11.06 miles; 4-8½ g; 7 motor and 2 other
cars. 59

MOLINE. 27,451 (1916).

(See also No. 242.)

**225—Moline, Rock Island & East-
ern Trac. Co.**—(Operates over leased
tracks of Tri-City Ry. Co. and connects
Watertown, E. Moline, Silvis, Camp-
bell's Island and Moline.) (Controlled
by the Tri-City Ry. & Lt. Co.)

Pres. B. J. Denman.....Davenport, Ia.
V. Pres & Gen. Mgr.
J. G. Huutoon.....
Sec. H. E. Littig.....
Treas. H. E. Weeks.....
Pur. Agt. Geo. G. Kuhn.....
Claim Agt. M. Marcuseen...
M. M. John Sutherland....

Energy purchased from Power Dept. of
Tri-City Ry. & Lt. Co; trans. volt. 4400
v; trolley volt. 550 v.
Operates Campbell's Island on Miss.
River (275 acres) which is owned by Tri-
City Ry. Co. of Illinois.
12.68 miles; 4-8½ g; 26 cars. ★69

MONMOUTH. 10,177 (1916).

(See also No. 242.)

**226—Rock Island Southern R. R.
Co.**—Office, Central Trust Bldg., Rock
Island. (Connects Monmouth and
Galesburg.) (Controlled by Rock Island
Southern Ry.)

Pres. E. C. Walsh.....Clinton, Ia.
V. Pres. M. A. Walsh.....
Asst. to Pres. E. C. Walsh, Jr. " "

Sec. & Gen. Mgr.

J. W. Walsh.....Clinton, Ia.
Asst. Gen. Mgr. (In charge of Operation,
Traffic & Supplies.)
Geo. W. Quackenbush....Rock Island
Treas. C. H. Walsh.....Burlington, Ia

Asst. Treasrs. { A. E. Walsh
Davenport, Ia.
W. C. Tubbs.. Monmouth

Andr. John J. Ryan.....
Supt. C. O. Griffin.....Rock Island
Claim Agt. T. D. Moborg.....
Ch. Tariff Bureau F. E. Carthey
Power sta. equip. 2 d. c. G. E. tot. 800
kw; 1200 hp. e. S. F. & M; 500 hp. b.
Frost; trolley volt. 600 v.

Power sta. and repair shops at Cameron.
25 miles; 4-8½ g; 4 motor, 2 other
and 7 ftg. cars. 118

MORRIS. 4,566

(See No. 164.)

MOUND CITY. 2,837.

(See No. 166.)

MURPHYSBORO. 7,485

**228—Murphysboro Elec. Ry., Lt.,
Ht. & Pwr. Co.**—Office, 1218 Wal-
nut St. (Operates in Murphysboro.)

Pres. A. B. Minton.....Murphysboro
V. Pres. Pur. Agt. & Supt.
C. H. Clay.....
Sec. & Treas. John G. Hardy
Andr. & Gen. Mgr.

W. C. Alexander.....
Elec. Engr. E. A. Quill.....
Energy purchased from Murphysboro
Wtr. Wks. Elec. & Gas Lt. Co.; repair
shops at 5th & Walnut Sts.

Reaches three amusement parks (two
controlled).
1.5 miles ; 4-8½ g; 3 cars. 68

**228a — Murphysboro & Southern
Illinois Railway.**—1418 Walnut St.
(Will connect Murphysboro and Car-
bondale. Road under construction.)

Pres. A. B. Minton.....Murphysboro
V. Pres. Gen. Mgr. & Supt.
C. H. Clay.....
Sec. & Treas. John G. Hardy
Andr. W. C. Alexander.....
Elec. Engr. E. A. Quill.....

Energy purchased from Murphysboro
Wtr. Wks., Elec. & Gas Lt. Co.
9 miles; 4-8½ g; 2 cars. 68

OAK PARK. 26,654 (1916).

(See No. 140.)

OTTAWA. 9,585.

**229 — Chicago, Ottawa & Peoria
Ry.**—Office, 215 Van Buren St., Joliet.
(Connects Peru, Utica, Ottawa, Mar-
sailles, La Salle, Seneca, Morris, Grand
Ridge, Streator, Spring Valley, Village
of Marquette, Ladd, Rockdale, De Pue,
Bureau, Minooka, Joliet and Princeton.)
(Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres's. { Treas. Geo. M. Mattie " Peoria
H. E. Chubbuck.....
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Edw. Woodman.....Portland, Me.
Supvr. Optg. Expenditures

W. J. Achelpohl.....Peoria
Gen. Andr. B. E. Bramble....Champaign
Gen. Supt. F. E. Fisher.....Joliet
Ch. Clerk (Traffic Dept.) A. M. Farrell
Supt. Transpt. W. W. Waterson..Ottawa
Claim Agt. M. F. Hanley.....

Pur. Agt. H. J. Van e.....Peoria
Roadmaster, N. Wahl.....Ottawa
Elec. Engr. & Supt. Ovhd. Lines.
Signals & Sub-stas. W. M. Irwin " "
M. M. & Engr. Maint. of W. Ed. Coy "

Energy purchased from Northern Illinois Lt. & Trac. Co., at La Salle and Marseilles; trans. volt. 33,000 v; trolley volt. 550 v.

Repair shop at Ottawa.

Reaches Starved Rock State Park and McKinley Park (owned.)

107 miles; 4-8½ g; 89 motor and 44 other cars. ★59

230—Northern Illinois Lt. & Trac. Co.—Office, Ottawa. (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. & Gen. Mgr. H. E. Chubbuck Peoria
Sec. E. A. Macnutt.....Montreal, Que.
Treas. Edward Woodman..Portland, Me.
Asst. Treas. Geo. R. McComb.Champaign
Andr. W. J. Achelpohl.....Peoria
Gen. Supt. L. W. Hess.....Ottawa
Par. Agt. H. J. Vance.....Peoria
Supt. Rys. Enoch Yentzer.....Ottawa
Elec. Engr. & Ch. Engr. Pwr. Sta.

Chas. Hahn..... "

Power sta. equip. 15 a. c. G. E. West, Allis-C tot. 17,252 hp; 2010 hp. e. West, Allis-C, Ham, Cor; 6888 hp. b. Heine, Stir; 11,394 hp. turb. (stm.) G. E.; 4148 hp. wtr. wh. Loeffel, S. & B; trans. volt. 33,000 v; trolley volt. 600 v.

Power stas. at Marseilles, Ottawa and La Salle.

8 miles; 4-8½ g; 8 motor and 2 trail cars, (Company does general ltg. & pwr. business.) 59

PARIS. 7,664.

(See also No. 298.)

231—Central Illinois Traction Co.
—For general officers, see Mattoon.

Local Supt. H. C. Wehile.....Paris
M. M., W. V. Driskell..... "

Energy purchased from Central Ill. Public Service Co., trolley volt. 550 v.

Reaches Reservoir Park.

2 miles; 4-8½ g; 6 motor cars. ★59

PAXTON. 2,912.

(See No. 248.)

PEKIN. 10,823 (1916).

(See also No. 235.)

232—Pekin Municipal Railway.—
Rosedale.

Comr. of Pub. Prop'ty.

C. F. Gehring.....Pekin
Supt. Nelson C. Gale..... "

Energy purchased from Central Illinois Light Co.

Repair shops at Rosedale.

Reaches Mineral Spring Park (controlled by "Park Board").

3.5 miles 4-8½ g; 5 motor cars. 118

PEORIA. 71,458 (1916).

(See also No. 1226.)

233—Illinois Traction System.—

Owens and operates the following:

Bloomington, Decatur & Champaign R. R. operates 98 miles, connecting Bloomington, Decatur and Champaign.

Danville & Eastern Ill. Ry. Co. operates 2 miles in Danville.

Danville & Southeastern Ry. Co. operates 3¼ miles of street railway from Danville, southeast.

Danville, Urbana & Champaign Ry. Co. operates 61 miles interurban lines connecting Danville, Westville, Ridgefarm, Catlin, Homer, Urbana and Champaign.

Illinois Central Traction Co. operates 46 miles, connecting Decatur and Springfield.

St. Louis, Springfield & Peoria R. R., which on Nov. 1, 1913, purchased property of Springfield & Northeastern Trac. Co.

operates 223 miles (2.29 operated under trackage rights), extending from Venk opposite St. Louis northward to Bloomington and Peoria via Springfield, with branch line from Staunton to Hillsboro, Atchison (Kans.) Ry., Lt. & Pwr. Co. Cairo (Ill.) Ry. & Lt. System (inc. Cat. Elec. & Trac. Co. and Cairo & St. Lou. Ry. Co.)

Chicago, Ottawa & Peoria Ry. Co. Ottawa,

Citizens' Ltg. Co., La Salle, Ill.
Danville (Ill.) St. Ry. & Lt. Co.

Galesburg (Ill.) Ry., Ltg. & Pwr. Co.
Galva (Ill.) Elec. Lt. Co.

Jefferson City (Mo.) Lt., Ht. & Pwr. Co.
Jefferson City (Mo.) Bridge & Transit Co.

Monticello (Ill.) Elec. Lt. & Pwr. Co.
Consumers' Wtr. & Lt. Co., Marseilles.

New Valley Junction (Ia.) Wtr. & Lt. Co.

North Missourian Lt. & Pwr. Co., New London.

Northern Illinois Lt. & Trac. Co., Ottawa.

Mound City (Ill.) Lt. & Wtr. Co.
Montezuma (Ia.) Elec. Lt., Pwr. & Htg. Co.

Prairie City (Ia.) Elec. Co.
Colfax (Ia.) Elec. Lt. Co.

Clinton (Ill.) Gas & Elec. Co.
Bloomington & Normal Ry. & Lt. Co.

Omaha & Lincoln Ry. & Lt. Co., Ralston, Neb.

Peoria (Ill.) Railway Co.
Urbana & Champaign Ry. Gas. & Elec. Co.

Decatur Ry. & Lt. Co.

Jacksonville (Ill.) Ry. & Lt. Co. (including Jacksonville Gas & Elec. Co. and Jacksonville St. Ry. Co.)

Quincy (Ill.) Ry. Co.
Topeka (Kan.) Ry. Co.

Oskaloosa (Ia.) Trac. & Lt. Co.
Oskaloosa (Ia.) & Buxton Elec. Ry. Co.

Oskaloosa (Ia.) Lt. & Fuel Co.
People's Trac. Co., Galesburg, Ill.

Wichita (Kans.) R. R. & Lt. Co.
St. Louis (Mo.) Elec. Term. Ry. Co.

Urbana Lt., Ht. & Pwr. Co., electric light and steam heat in Urbana.

Des Moines Elec. Co., electric lighting in Des Moines, Ia.

The Madison County Lt. & Pwr. Co., which does an electric lighting business in Granite City, Venice, Edwardsville and Madison.

Topeka Edison Co., electric light and steam heat in Topeka, Kan.

Owens the Danville, Champaign & Decatur Ry. & Lt. Co., which controls, through stock ownership, the Danville St. Ry. & Lt. Co., Decatur Ry. & Lt. Co., Urbana & Champaign Ry., Gas & Elec. Co. and Urbana Lt., Ht. & Pwr. Co.

Has acquired the Western Rys. & Lt. Co.

Pres. W. B. McKinley.....Champaign
V. Pres. Exec., H. E. Chubbuck...Peoria
V. Pres. & Treas.

G. M. Mattis.....Champaign
Asst. Treas. Geo. R. McComb "

Sec. T. B. Macaulay.....Montreal, Can.
Gen. Andr. B. E. Bramble....Champaign
Compt. J. M. C. Horn..... "

Chief Surgeon, H. M. Bascom, M.D., Peoria
Claims Atty. G. R. Whittemore.... "

Fgt. Claim Agt.
J. B. Hardaway.....Springfield
Asst. to V. Pres. Exec.

E. W. Fowler.....Peoria
Supt. Mot. Pwr. & Equip.

J. M. Bosenbury..... "

Mgr. Pub. & Adv. E. E. Soules... "

Par. Agt. H. J. Vance..... "

Ch. Oper. Engr. Eugene Hight.... "

Industrial Agt. W. H. Evans.....Lincoln

INTERURBAN LINES

Asst. Gen. Mgr.
C. F. Handshy.....Springfield

Gen. Supt. Int. Lines
L. B. Martin..... "

Cont. Agt. F. J. Blaicher.....St. Louis
Supt. Transp.
A. S. Bergschneider.....Springfield
Engr. Maint. of Way
J. I. Catherman....."
Signal Engr. John Leisenring....."
Div. { M. Connor..... Danville
Supts. { J. H. Morris..... Mackinaw Jct.
A. McNeil..... Decatur
R. McCoy..... Staunton
Traffic Mgr. W. H. Wylie..... Peoria
Asst. Traffic Mgr. E. E. Kester..... "

CITY PROPERTIES

Asst. Gen. Mgr. Kansas Utilities
A. M. Patten..... Topeka, Kans.
Gen. Supt. Bloomington Lines
D. W. Snyder..... Bloomington
Gen. Supt. St. Louis Lines,
E. D. Bell..... St. Louis, Mo.
Gen. Supt. Galesburg Ry. Lt. & Pwr.
Co. R. F. Carley..... Galesburg
Gen. Supt. Quincy Lines
W. A. Martin..... Quincy
Gen. Supt. Northern Illinois Lt. &
Trac. Co. L. W. Hess..... Ottawa
Gen. Supt. Chicago, Ottawa & Peoria
Ry. Co. F. E. Fisher..... Joliet
Gen. Supt. Danville St. Ry. & Lt. Co.
J. E. Johnson..... Danville
Gen. Supt. Decatur Ry. & Lt. Co.
M. L. Harry..... Decatur
Gen. Supt. Peoria Ry. Co.
R. W. Bailey..... Peoria
Gen. Supt. Urbana Lt., Ht. & Pwr. Co.,
F. W. Bedard..... Urbana
Gen. Supt. Urbana, Champaign Ry. Gas
& Elec. Co. F. W. Bedard..... Champaign
Gen. Supt. Jacksonville Ry. &
Lt. Co. E. H. Gray..... Jacksonville
Gen. Supt. Clinton Gas & Elec. Co.,
C. A. Cline..... Clinton
Gen. Supt. Galva Elec. Lt. Co.,
E. O. Brown..... Galva
Gen. Supt. Atchison Ry. Lt. & Pwr. Co.,
J. W. Waggoner..... Atchison, Kans.
Gen. Supt. Topeka Edison Co.,
A. H. Purdy..... Topeka "
Supt. Wichita R. R. & Lt. Co. "
C. A. Lewis..... Wichita "
Gen. Mgr. Des Moines Elec. Co.,
M. G. Linn..... Des Moines, Ia.
Gen. Supt. Oskaloosa Trac. & Lt. Co.,
H. J. Porter..... Oskaloosa, Ia.
Gen. Supt. Cairo Ry. & Lt. System,
E. A. Roehry..... Cairo
Gen. Supt. Jefferson City Lt., Ht. &
Pwr. Co. and Jefferson City Bridge
& Transit Co., R. F. Palmblade.

Jefferson City, Mo

Gen. Supt. No. Missouri Lt. & Pwr. Co.
E. D. Bell..... St. Louis, Mo.
PEORIA PLANT—Ch. Engr. J. V.
Rahilly, 2 a. c. G. E. tot. 4000 kw. 3
ph. 25 cys; 3200 hp. b. Stir; 8000 hp. turb.
G. E.; trans volt. 33,000 v; trolley volt.
650 v.

RIVERTON PLANT—Ch. Engr. N. A.
Miner, 8 a. c. G. E. Allis-C. tot. 9,000 kw.
3 ph. 25 cys; 4100 hp. b. Bab. & W; 15,000
hp. turb. G. E. Allis-C; trans. volt. 33,000
v; trolley volt. 650 v.

VENICE PLANT—Ch. Engr. E. S.
Forman, 3 a. c. G. E. tot. 9000 kw. 3 ph.
25 cys; 2000 hp. e. H. O. & R; 4800 hp. b.
O'Brien, Bab. & W; 10,500 hp. stm. turb.
G. E; 5000 kw. freq. chgrs. G. E; trans.
volt. 33,000 v. 25 cys. & 60 cys; trolley
volt. 650 v.

Power stas. at Champaign, Danville,
Bloomington, Peoria, Riverton, Deca-
tur, Urbana, Jacksonville, Edwardsville,
Venice, Atchison, Cairo, La Salle, Gales-
burg, Jefferson City, Marseilles, Ottawa,
Clinton, Des Moines, Quincy, Topeka,
Oskaloosa. Repair shops at Danville,
Venice, Jacksonville, Bloomington,
Springfield, Peoria, Granite City, Staun-
ton and Decatur.

Owens West End Park and Ball Park,
Champaign and McKinley Park, Ottawa;
controls Way Side Park, Tilton, Ill.;

reaches Dreamland, Decatur, and Parks at
Danville, Peoria, Homer and Blooming-
ton.

596 miles; 4-8½ g; 155 pass. and 910
fgt. cars; 46 locos. and work cars. ★59

234—Peoria Ry. Co.—Office, 634 S.
Adams St. (Connects Peoria, Avery-
ville, E. Peoria and Peoria Heights,
Part of Ill. Trac. System.)

Pres. W. B. McKinley..... Champaign
V. Pres. Exec.

H. E. Chubbuck..... Peoria
Sec. E. A. Macnutt..... Montreal, Que.

Treas. Geo. M. Mattis..... Champaign
Gen. Andr. B. E. Bramble..... "

Andr. Howard Johnson..... Peoria
Gen. Supt. R. W. Bailey..... "

Claim Adjr. E. C. Cannaday..... "
Supt. Peter Brady..... "

Par. Agt. H. J. Vance..... "
M. M., A. T. Leech..... "

Roadmaster, John Tracy..... "
Energy purchased; trolley volt. 550 v.
d. c.

Repair shops at 2009 N. Adams St.
Reaches Al Fresco Park, Lake View
Park and upper river resorts.

53 miles; 4-8½ g; 100 motor and 25 other
cars. ★69

**235—Peoria Railroad Terminal
Co.**—Office, Room 38 Union Sta.
(Connects Peoria, So. Bartonville, and
Pekin.)

Pres. W. G. Bied, Transp Bldg., Chicago
V. Pres. A. C. Ridgway..... "

Sec. Geo. H. Crosby..... "
Treas. J. F. Kiefer..... Peoria

Andr. V. K. Rice..... "
Gen. Mgr. R. W. Johnson..... "

Supt. J. M. Baths..... "
Pur. Agt. V. M. Alexander..... Chicago

Claim Agt. G. H. Weston..... Peoria
Ch. Engr. E. H. Thornberry..... "

Elc. Engr. O. F. Prior..... "
Signal Engr. G. W. Hulsizer, Bloomington

Ch. Engr. Pwr. Sta.
D. E. Moran..... So. Bartonville

M. M., E. A. Park..... Peoria
Roadmaster O. Thayer..... "

Power sta. equip. 2 d. c. G. E. tot. 618
kw; 700 hp. e. Bckye; 600 hp. b. Bab. & W;
trolley volt. 550 v.

Power sta. and repair shops at So.
Bartonville.

85 miles; 4-8½ g; 6 motor pass., 2 trail
pass. and 52 fgt. cars without motors;
1 sprinkler and 1 snow plow. ★59

236—Western Rys. & Lt. Co.—
Office, Peoria. (Subsidiary of Illinois
Traction System.)

Pres. W. B. McKinley..... Champaign
V. Pres. Exec. H. E. Chubbuck..... Peoria

V. Pres. Geo. F. Duncan..... Portland, Me.
Sec. E. A. Macnutt..... Montreal, Can.

Treas. Geo. R. McComb..... Champaign
59

PONTIAC. 6,090.

**237—Bloomington, Pontiac &
Joliet Ry. Co.**—Office, 72 W. Adams
St., Chicago. (Connects Pontiac, Odell
and Dwight.)

Pres. Frank J. Baker..... Chicago
V. Pres. Charles A. Munroe..... "

Sec. Paul D. Sexton..... "
Treas. John H. Gulick..... "

Supt. (Mrs.) A. E. Sells..... Pontiac
Local Mgr. V. V. Parshall..... "

Claim Agt. B. F. Harms..... Chicago
Pur. Agt. Geo. R. Jones..... "

Statistician, S. B. Cushing..... "
M. M., E. W. Clark..... Pontiac

Power sta. equip. 1 a. c. G. E. 250 kw.
3 ph. 60 cys; trolley volt. 600 v. d. c.

Energy purchased from Public Service
Co. of Northern Illinois.

Repair shop at Pontiac, Ill.
Reaches Interurban Park.

19.70 miles; 4-8½ g; 2 motor pass., 2 trail pass. and 1 ft. motor car. ★59

QUINCY. 36,798 (1916).

238—Quincy Ry. Co.—Office, 1889 Maine St. (Part of Illinois Traction System.)

Pres. W. B. McKinley.....Champaign
V. Pres. Exec. H. E. Chubbuck....Peoria
Sec. E. A. Macnutt.....Montreal, Can.
Treas. Geo. M. Mattis.....Champaign
Supvr. Optg. Expenditures

W. J. Achelpohl.....Peoria
Gen. Audr. B. E. Bramble....Champaign
Pur. Agt. H. J. Vance.....Peoria
Gen. Supt. W. A. Martin.....Quincy
Pass. & Claim Agt.

J. G. Forsthove..... "

Ch. Engr. & Engr. Pwr. Sta.

R. H. Gentry..... "

Elec. Engr. & M. M.

L. Recksteck..... "

Engr. Maint. of Way & Overhead Constr. J. C. Williams "

Power sta. equip. 2 d. c. G. E. tot. 1250 kw; 3 rot. conv. tot. 900 kw; 1850 hp. e.T. C., Ham., Ideal; 1264 hp. b. Heine; trans. volt. 33,000-360v. 25 cys; trolley volt. 600v.

Power sta. at Front & State Sts.; repair shop at 20th & Hampshire Sts.

Reaches Soldiers' and Sailors' Home, So. Park, Indian Mounds (city), Highland and Baldwin Parks.

25 miles; 5 g; 40 motor and 20 other cars. (Contemplates additions.) ★59

ROCKFORD. 68,000 (1918)

239—Rockford City Traction Co.—Office, 124-126 State Street (Controlled by the Rockford & Interurban Ry. Co., which see for officers.)

Energy purchased from Rockford Elec. Co.

Repair shops at Rockford.

Reaches Harlem Park.

27.19 miles 4-8½ g; 56 motor pass. 16 trail pass. and 7 service cars. ★69

240—Rockford & Interurban Ry. Co.—Office, 124-126 West State Street, (Controls the Janesville Traction Co. & Rockford City Trac. Co.) (Connects Freeport Rldott, Pecatonica, Winnebago, Rockford, Cherry Valley, Belvidere, Roscoe, Rockton, Ill. and Beloit and Janesville, Wis.) (Controlled by the Union Ry., Gas & Elec. Co.)

Pres. B. C. Cobb..... { 14 Wall St.

V. Pres. E. J. Bechtel. { New York, N.Y.

2d V. Pres. T. M. Ellis.....Rockford

V. Pres., Gen. Mgr., & Treas.

W. C. Sparks..... "

Sec. W. H. Lemons..... "

Audr. H. G. Kessler....New York, N. Y.

Supt. Transpt. C. R. Simcox....Rockford

Pur. Agt. H. D. Hallenbeck ... "

Safety Agent, S. R. Smith..... "

Gen. Fgt. & Pass. Agt.

C. C. Shockley..... "

Ch. Engr. Edwin Main..... "

Elec. Engr. Chas. Minnick.... "

Energy purchased from Rockford Elec. Co.; repair shops at Rockford: trans. volt. 13,200 v; trolley volt. 500-600 v.

8 sub-stas. tot. cap. 3300 kw; 11 rot. conv.

Controls Harlem Park.

86.12 miles; 4-8½ g; 23 motor pass., 8 trail pass., 4 ft. motor, 3 ft. without motors and 3 service cars. Conducts fast express service. ★69

241—Union Ry., Gas & Elec. Co.—Gen. Office, 14 Wall St., New York, N. Y. (Owns all the stock of the Springfield Gas & Elec. Co., Springfield Consol. Rwy. Co., Central Illinois Lt. Co., Public Utilities Co. (Evansville, Ind.) Rockford & Interurban Ry. Co., Janesville (Wis.) Traction Co. and the DeKalb-

Sycamore & Interurban Trac. Co.) (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.)

Pres. Geo. E. Hardy.....New York, N. Y.

V. Pres. C. M. Clark....Philadelphia, Pa.

V. Pres. B. C. Cobb.....New York, N. Y.

Sec. & Treas.

Jacob Hekma..... " "

Asst. Secs. & { C. A. Pearson, Jr.

Asst. Treasrs. { Philadelphia, Pa.

Geo. Sprague.

New York, N. Y. ★79

ROCK ISLAND. 28,926 (1916).

(See also No. 226.)

242—Rock Island Southern Ry. Co.

—Office, Central Trust Bldg. (Connects Davenport and Moline, Rock Island, Aledo, Alexis and Monmouth, Illinois; operates Aledo Terminal Ry.) Controls Rock Island Southern Railroad, and is in turn controlled by Mississippi Valley Ry. & Pwr. Co.)

Pres. E. C. Walsh.....Clinton, Ia.

V. Pres. M. A. Walsh..... "

Asst. to Pres.

E. C. Walsh, Jr..... "

Sec. & Gen. Mgr.

J. W. Walsh..... "

Asst. Gen. Mgr. (In Charge Operation

Traffic & Supplies)

George W. Quackenbush..Rock Island

Treas. C. H. Walsh.....Burlington, Ia.

Asst. { A. E. Walsh....Davenport, Ia.

Treasrs. { W. C. Tubbs.....Monmouth

Ch. Acct. T. D. Moberg.....Rock Island

Supt. C. O. Griffin..... "

Fgt. Claim Agt. & Ch. Tariff

Bureau, E. O. Anderson.... "

M. M., H. J. Cosgrove..... "

Energy purchased from Edwards River Power Co.; trans. volt. 33,000 & 2300 v; trolley volt. 11,000 v.

Sub-sta. and repair shop at Mather-ville.

81 miles (s. ph. system); 4-8½ g; 8 motor and 250 other cars. (Operates by steam for freight service.) 118

243 — Tri-City Railway Co. of

Illinois—Office, 1800 Third Ave., Rock Island. (Connects Rock Island, Moline, Sears and Milan.) (Controlled by the Tri-City Ry. & Lt. Co.) For officers, see Tri-City Railway Co. of Iowa, Davenport.

Energy purchased from Power Dept. of Tri-City Ry. & Lt. Co; trans. volt. 4400 v; trolley volt. 550 v.

Repair Shop at Rock Island.

Owns Watch Tower Park, Rock Island, and Campbell's Island, Watertown.

42.07 miles; 4-8½ g; 80 cars. 69

244 — Mississippi Valley Ry. &

Pwr. Co.—(Holding company, and controls Rock Island Southern Ry. Co., Aledo Terminal Ry., and Edwards River Power Co.)

Pres. J. A. Hanley.....Davenport, Ia.

Sec. M. A. Walsh.....Clinton, Ia.

Treas. G. W. Quackenbush

Central Trust Bldg., Rock Island

118

SPRINGFIELD. 61,120 (1916).

(See also No. 233.)

245—Springfield Consolidated Ry.

Co.—Office, 400 East Monroe St., Springfield. (Controlled through stock ownership by the Union Ry., Gas & Elec. Co. which in turn is controlled by Commonwealth Pwr., Ry. & Lt. Co.)

Pres. B. C. Cobb,

14 Wall St., New York, N. Y.

{ E. J. Bechtel " "

V. Prests. { Gen. Mgr. & Pur. Agt.

{ A. D. Mackle... Springfield

{ Bluford Wilson " "

Sec. E. E. Corken.....Springfield
 Asst. Sec. R. E. Eddy....."
 Treas. E. L. Startevant....."
 Asst. Treas. S. E. Wolf, New York, N. Y.
 Audr. Thos. F. Morris.....Springfield
 Supt. Joseph O'Hara....."
 Cl. Agt. F. F. Whipp....."
 M. M. Frank P. McNell....."
 Roadm. & Engr. Ovhd. Const. G. A. Bengel,
 Car Barns, So. 6th St., Springfield
 Energy purchased from Springfield Gas
 & Elec. Co.; trolley volt. 550 v.
 Repair shops at 6th & Ash Sts.
 Reaches White City, Mildred, Lincoln
 and Washington Parks and Illinois State
 Fair Grounds.
 43.95 miles; 4-8½ g; 89 motor pass., 12
 trail pass. and 24 other cars. 59

STERLING. 7,467.

(See No. 198.)

STREATOR. 14,804.

246—Illinois Lt. & Trac. Co.—Office,
 72 W. Adams St., Chicago.
 Pres. Geo. H. Lukes.....Chicago
 Treas. P. D. Sexton.....Joliet
 Local Supt. J. M. Willard.....Streator
 Statistician, S. B. Cushing.....Chicago
 Energy purchased from Public Service
 Co. of Northern Illinois; trans. volt.
 33,000 v; trolley volt. 550 v.
 Repair shop at Traction Bldg.
 Reaches Fair Grounds, Chautauqua
 Park and Base Ball Park (owned).
 6.1 miles; 4-8½ g; 14 cars. ★59

SYCAMORE. 3,926.

(See No. 211.)

TAYLOR SPRINGS. 2,000 (1913).

(See No. 214.)

TAYLORVILLE. 5,446.

217—Central Illinois Public Serv-
 ice Co.—For general officers, see Mat-
 toon.
 Supt. J. O. Tucker.....Taylorville
 Trolley volt. 550 v.
 3.709 miles; 4-8½ g; 3 motor cars and 1
 other car. 59

URBANA. 9,889.

248—Kankakee & Urbana Trac.
 Co.—Office, 106 No. Market St., Urbana.
 (Connects Urbana (Champaign), Thomas-
 boro, Rantoul, Ludlow and Paxton.)
 Pres. Dr. C. L. Van Doren.....Urbana
 V. Pres. & Pur. Agt. U. G. Fowler, Rantoul
 Sec. S. E. Huff.....Urbana
 Treas. J. H. Thornburn....."
 Audr. Eva L. Denman.....Paxton
 Gen. Supt., Pur. Agt., Claim Agt. & Ch.
 Engr. E. D. Blinn.....Urbana
 M. M. Chas. Blake....."
 Energy purchased from Illinois Trac-
 System and Cent Ill. Utilities Co; trans.
 volt. 33,000 v. 3 ph. 25 cys; 2 rot. conv.
 West. tot. 600 kw; trolley volt. 600 v.
 Repair shops at Urbana.
 Reaches Chanute Field, Government
 Aviation Field at Rantoul and Wesslund
 Park, Paxton.
 25 miles; 4-8½ g; 3 motor pass., 1 trail
 pass., 1 fet. and 12 other cars. (Co.
 does general lighting and power busi-
 ness in Thomasboro.) ★59

VENICE. 3,718.

(See No. 543.)

WAUKEGAN. 20,344 (1916).

(See No. 213.)

WHEATON. 3,423.

(See No. 162.)

YORKVILLE. 431.

(See No. 164.)

INDIANA.**ANDERSON. 30,670.**

249—Union Trac. Co. of Indiana—
 Office, Union Bldg., Anderson. (Leases
 the Muncie, Hartford & Ft. Wayne Ry.
 Co., Indianapolis, New Castle & East-
 ern Traction Co. and The Muncie &
 Portland Trac. Co.; operates city lines
 in Anderson, Muncie, Marion, Elwood
 and interurban lines between Indian-
 apolis and Muncie; Muncie and Bluff
 ton; Muncie and Union City; Muncie
 and Portland; Anderson and Marion;
 La Fontaine and Wabash; Anderson
 and Middletown; Alexandria and Tip-
 ton; Indianapolis and Logansport;
 Kokomo and Peru; Indianapolis and
 Newcastle. Controls the Traction Lt.
 & Pwr. Co.)

Pres. Arthur W. Brady.....Anderson
 V. Pres. Phillip Matter....."
 Sec. & Treas. W. H. Forse, Jr... "
 Asst. Sec. & Treas.
 Marshall S. Morgan... Philadelphia, Pa.
 Audr. W. Shroyer.....Anderson
 Gen. Mgr. H. A. Nicholl....."
 Supt. Transpt.

C. S. Keever....."
 Pur. Agt. H. R. Biery....."
 Supt. Pwr. Plts. Frederick L. Ray
 Supt. Pwr. Distr., J. O. Penisten "
 Real Est. & Tax Agt.
 C. H. Allen....."
 Gen. Atty. J. A. Van Osdol.... "
 Claim Adjr. Elmer E. Slick.... "
 Gen. Pass. & Fgt. Agt.
 F. D. Norviel....."

Fgt. Claim Agt.
 M. E. Graston.....Indianapolis
 Supt. Motive Pwr.

M. F. Skonden.....Anderson
 Engr. M. of W., L. A. Mitchell. "

ANDERSON STA. EQUIP. 5 a. c.
 Westg. tot. 5000 kw. 3 ph. 25 cys; 7500
 hp. e. R. & S; 6400 hp. b. Bab. & W;
 1 low pressure Parson's turbine 2500 kw;
 trans. volt. 15,000-30,000 and 26,000 v; trol-
 ley volt. 600 v.

EATON STA. EQUIP. 2 a. c. G. E. tot.
 1080 kw. 3 ph. 25 cys; 1500 hp. e. Cpr;
 900 hp. b. Stir; trans. volt. 15,000 v; trol-
 ley volt. 650 v.

WINCHESTER STA. EQUIP 2 a. c.
 Westg. tot. 1000 kw. 3 ph. 25 cys; 1600
 hp. e. Bckey; 1200 hp. b. Stir; trans. volt.
 15,000 v; trolley volt. 650 v. d. c.

Power stas. at Anderson, Winchester
 and Eaton; repair shops at Anderson,
 Muncie, Marion, Elwood, Tipton, Win-
 chester and Portland.

Owns Mounds Park, Anderson; West
 Side Park, Muncie; Broad Ripple Park,
 Indianapolis; Riverside Park, Eaton.
 455 miles; 4-8½ g; 360 cars, of which
 225 are electrically equipped. (Includes
 mileage and equipment of leased lines.)
 ★59

249a—Indianapolis, New Castle &
 Eastern Trac. Co. — (Leased to
 Union Trac. Co. of Indiana, which see
 for officers.)

64 miles; 4-8½ g; 8 motor and 2 other
 cars. 59

ANGOLA. 2,610.

250—Indiana Utilities Co.—General
 office, Angola. (Controls the Lake
 James R. R. Connects Angola and
 Lake James.)

Pres., Mgr. & Pur. Agt.

E. J. Condon.....Angola
 Sec. & Treas. H. L. Hanley.....
 Gen. Supt. E. J. Dunn.....
 Ch. Engr. Pwr. Sta. Carl Weiss...
 Power sta. equip. 1 d. c. Ft. W. 100 kw;
 3 a. c. G. E. tot. 500 kw. 2300 v. 3 ph. 60
 cys; 600 hp. e. Bass; 400 hp. b. Stir; trans.
 volt. 13,200 v.; trolley volt. 550 v.

Power sta. and repair shops at Angola.
 Owns park at Lake James.
 3.75 miles; 4-8½ g; 3 motor and 2
 other cars (Road operated from Apr. 15th
 to Oct. 15th only.) (Company does light-
 ing and power business.) 49

BEECH GROVE. 568.

251—Beech Grove Trac. Co.—Office,
 Indianapolis. (Connects Indianapolis
 and Beech Grove.)
 Receiver, Fletcher Trust & Svgs. Co.

Indianapolis
 Pres. Wm. Garstarg.....
 Sec. & Mgr. for Recvr.

C. F. Schmidt.....
 Treas. M. S. Hawkins.....Portland
 Supt. Guy Rutledge.....Beech Grove
 Energy purchased from Indpls. Lt. & Ht.
 Co.; trans. volt. 4100 v; trolley volt. 550 v;
 repair shops at Beech Grove.

6.3 miles; 4-8½ g; 4 motor cars and 1
 other car. 118

BLUFFTON. 4,987.

253—Marion & Bluffton Trac. Co.
 —Office, 114½ S. Johnson St., Bluffton.
 (Connects Marion, Hanfield, Landess-
 ville, Van Buren, Warren, Liberty
 Centre and Bluffton.)

Pres. Jas. W. Sale.....Bluffton
 V. Pres. Abram Simmons.....
 Sec., Gen. Mgr., Andr. & Pur. Agt.
 James S. Clark.....Bluffton
 Treas. J. S. Gilliland.....

Supt. & Engr. M. of W.
 Geo. A. Redd.....
 M. M., Forrest F. Blair.....
 Energy purchased from Marion Lt. &
 Htg. Co; trans. volt. 23,000 v.; trolley volt.
 600 v; repair shops at Bluffton.
 Reaches Goldthwaite Park, Marion
 (owned).

31.84 miles; 4-8½ g; 9 motor and 3 other
 cars. (Co. does a lighting and power
 business in Van Buren, Warren and
 Liberty Centre.) 118

BOONVILLE. 3,934.

(See No. 263.)

BRAZIL. 10,315 (1916).

(See No. 298.)

COLUMBUS. 9,241 (1916).

254—Central Indiana Lighting Co
 Office, 510 Board of Trade, Indian
 apolis. (Controlled by Interstate Public
 Service Co. and is a subsidiary of
 Middle West Utilities Co.)

Pres. Harry Reid.....Louisville, Ky.
 V. Pres. E. Van Arsdel.....Indianapolis
 Sec. & Treas. Ira E. Guthrie.
 Supt., L. M. Brown

Irwin's Bk. Bldg. Columbus
 Pur. Agt. C. H. Dallow.....Indianapolis
 Safety Mgr. James Harmon...New Albany
 M. M., H. H. Buckman.....
 Engr. M. of W., R. J. Custer...Columbus
 Engr. Ovhd. Const.

W. H. Jennings.....Greenwood
 Energy supplied by Indianapolis,
 Columbus & Southern Traction Co. (Col-
 umbus sub-sta.); trolley volt. 500 v.
 5.5 miles; 4-8½ g; 5 motor cars. (Com-
 pany furnishes energy for lighting and
 power.) 59

255—Indianapolis, Columbus &
Southern Trac. Co.—Office, Colum-

bus. (Connects Indianapolis, South-
 port, Greenwood, Whitland, Franklin
 Amity, Edinburg, Taylorsville, Colum-
 bus, Azalia, Reddington and Seymour
 with direct connections for Louisville,
 Ky.) (Operated under lease by the In-
 terstate Public Service Co. which see for
 operating officials.)

Pres. Wm. G. Irwin.....Columbus
 V. Pres. Linnie Irwin Sweeney ..
 Sec. & Treas. Hugh T. Miller....

Power sta. equip. 3 d. c. Northn, C-W.
 tot. 65 kw; 3 a. c. West, Stan, Allis-C. tot.
 1800 kw. 870 v. 3 ph. 25 cys; 3000 hp. b.
 Stirling, Bab. & W; 4300 hp. e. Bckye, Rus;
 trans. volt. 15,000 v; trolley volt. 625 v.

Power sta. at Edinburg; sub-stas. at
 Southport, Franklin, Columbus and Red-
 dington; repair shops at Greenwood.

61.86 miles; 4-8½ g; 21 motor and 4 other
 cars. (Furnishes energy to Central In-
 diana Lighting Co. of Columbus.) 118

CRAWFORDSVILLE. 11,164 (1916)

(See No. 276.)

CROWN POINT. 2,526.

256—Gary & Southern Trac. Co.—
 Office, Crown Point. (Connects Gary
 and Crown Pt.)

Pres. O. L. Wildermuth.....Gary
 V. Pres. John Brown.....Crown Point
 Sec. & Treas. Albert Maack.

Andr. H. A. Davis.....Cleveland, O.
 Oper. Mgrs.

The Warren-Bicknell Co., Cleveland, O.
 Supt., Claim & Pur. Agt.,

C. J. Fifer.....Crown Point
 Energy purchased from Northern Ind.
 Gas & Elec. Co; trolley volt. 700 v.

1 sub. sta. 600 kw. cap.
 Repair shops at Lottville.
 15 miles; 4-8½ g; 4 motor cars. 118

DECATUR. 4,471.

257—Fort Wayne & Decatur Trac.
 Co. — Office, Interurban Sta. (Suc-
 cessor to the Ft. Wayne & Springfield
 Ry. Co.) (Connects Ft. Wayne and
 Decatur.)

Pres. Jas. H. Haberly.....Ft. Wayne
 Sec. L. F. Eberbach.....

Treas. H. J. Bowerfind.....
 Andr. Homer Ruhl.....Decatur

Gen. Mgr. & Pur. Agt.
 Sam W. Greenland.....Ft. Wayne

Gen. Fgt. & Pass. Agt.
 J. A. Greenland.....

Roadmaster, A. M. Henry.....Decatur
 Energy purchased; trans. volt. 33,000 v;
 trolley volt. 1200 v. d. c.

1 sub-sta. 400 kw. cap; 2 rot. conv.
 Repair shops at Ft. Wayne.

Reaches Robison Park, Ft. Wayne
 (owned by Ft. W. & N. I. T. Co.)

21.7 miles; 4-8½ g; 4 motor and 3
 other cars. 59

DUNKIRK. 3,031.

(See No. 289.)

ELWOOD. 11,028.

(See No. 249.)

EVANSVILLE. 76,078 (1916).

263—Evansville & Ohio Valley Ry.
 Co.—Office Evansville. (Owns and
 operates the Evansville Rys. Co, Hen-
 derson and Owensboro Ry. Co.
 the Evansville & Mt. Vernon Elec.
 Ry., Evansville & Eastern Elec. Ry.
 and Evansville Terminal Ry., operating
 through cars from Mt. Vernon through
 Evansville to Newburgh, Rockport and
 Grandview and branch line to Richland.
 Connects with Crescent Navigation Co.
 at Rockport for Owensboro, Ky. Also

10.93 miles of track between Evansville & Henderson, Ky., owned by the Illinois Central R. R., now electrified and leased. Also controls Henderson (Ky., Trac. Co. and Owensboro (Ky.) City R. Co.)
 Pres. Wm. H. McCurdy..... Evansville
 V. Pres. Wm. A. Koch..... "
 V. Pres. & Gen. Mgr. Wm. A. Carson..... "
 Sec. & Treas. C. H. Battin..... "
 Audr. Geo. W. Wilson..... "
 Gen. Supt. & Pur. Agt. G. R. Millican..... "
 M. M. Geo. W. Burke..... "
 Supt. Transpt., E. L. Moore... "
 Ch. Engr. Pwr. Sta. W. A. Parker.. Hatfield
 Reaches Cypress Beach, Atkinson and Buentes Grove Parks.
 Total mileage and equipment: 72.43 miles; 4-8½ g; 13 pass., 3 motor fgt., 1 motor work and 85 stm. fgt. cars; 1 derrick, 1 gas. steel ferry boat; 1 portable sub sta. ★59

263—Evansville, Suburban & Newburgh Ry. Co.—Gen. Office, 317 Upp. 5th St., Evansville, Ind. (Operating elec. pass. service and stm. and elec. fgt. service between Evansville and Newburgh and Evansville and Boonville, Stephenson and Chandler.)
 Pres., Gen. Mgr. & Pur. Agt. Gus Muhlhause..... Evansville
 V. Pres. & Treas., Chas. W. Cook "
 Sec. Jas. E. Cox..... "
 Audr. C. H. Hendricks..... "
 Supt. Alex. Clinard..... "
 Roadmaster, J. G. Castleman. "
 Energy purchased from Evansville Public Utilities Co.; trans. volt. 13,000 v; 2-300 kw. rot. conv; trolley volt. 600 v.
 Repair shops at Evansville.
 Reaches Barnett's Park and Kuebler's Garden.
 24.25 miles; 4-8½ g; 5 motor pass., 12 trail pass., 1 fgt. motor and 149 fgt. without motors and 1 service car; 3 steam locos. ★59

265—Public Utilities Co.—Office, Second and Sycamore Sts., Evansville. (Controlled through stock ownership by Union Ry., Gas & Elec Co., which in turn is controlled by Commonwealth Pwr., Ry. & Lt. Co.) (Connects Evansville, Haubstadt, Ft. Branch, Kings, Princeton and Patoka.)
 Pres. B. C. Cobb,
 14 Wall St., New York, N. Y.
 V. { W. H. Barthold " "
 Prests. { Henry W. Marshall.....Lafayette
 Gen. Mgr. F. J. Haas, Evansville
 Sec. C. H. Splittorff..... "
 Treas. C. E. Oswald..... "
 Gen. Supt. J. J. Geinger..... "
 Claim, Fgt. & Pass. Agt. James Rollins..... "
 Pur. Agt. J. W. Alvey..... "
 Ch. Engr. Pwr. Sta. George E. Sloats..... "
 M. M., Alex. Newhouse..... "
 Power sta. equip. 8 a.c. turbo-gen. G. E. West, Allis-C. tot. 14,500 kw. 4000 v. 3 ph. 60 cys; 4200 hp. b. Bab. & W; trans. volt. 13,500-20,000 v; trolley volt. 600 v.
 Power stas. and repair shops at Evansville.
 Reaches Oak Summit, Cook's Park, Garvin Park, Cook's Grove and Mesker Park.
 68.87 miles; 4-8½ g; 89 motor pass. and 11 other motor cars; 1 elec. loco. (Company does general ltg. and pwr. business in Evansville.) (Sell energy to Evansville, Suburban and Newburgh Ry. Co.) ★59

FT. WAYNE. 76,183 (1916).
 (See also No. 257.)

266—Ft. Wayne & Northern Indiana Trac. Co.—Office 310 W. Main St. (Owns and operates city lines at Ft.

Wayne, Wabash, Peru, Logansport and LaFayette; connects Ft. Wayne, Huntington, Andrews, Wabash, Peru, Logansport, LaFayette and Bluffton.)
 Chmn. of Board, J. Levering Jones
 705 Land Title Bldg., Philadelphia, Pa
 Pres. Robert M. Feustel.....Ft. Wayne
 V. Pres., Sec. & Treas. H. E. Vordermark..... "
 Asst. Sec. H. J. Alker
 705 Land Title Bldg., Philadelphia, Pa.
 Audr. F. H. Schmidt.....Ft. Wayne
 Gen. Mgr. Sam W. Greenland. "
 Supt. Transp. R. N. Hemming "
 { C. A. Beamer "
 Local Supts. { R. W. Levering..Lafayette
 { R. Howey.....Logansport
 Claim Agt. F. R. Fahlsing.....Ft. Wayne
 Gen. Pass. & Fgt. Agt. J. A. Greenland..... "
 Pur. Agt. F. C. Cour..... "
 Elec. Engr. W. S. Richhart.... "
 Ch. Engr. Pwr. Sta. W. J. Maxwell.....Spy Run "
 Supt. M. of W., H. V. Norford "
 Supt. of Motive Pwr. Arthur W. Redderson..... "
 Supt. Overhead Constr. H. O'Brien..... "
 PORT WAYNE PWR. STA. EQUIP.

—2 d. c. G. E. tot. 2000 kw; 6 a.c. Westg. G. E. tot. 22,000 kw. 4000 & 375 v. 3 ph. 25 & 60 cys; 4900 hp. b. Bab. & W. Stir; 19,000 kw. turb. (stm.) G. E. Westg; trans. volt. 33,000-4000 v; trolley volt. 600 v. 13 sub-sta. tot. cap. 4900 kw.; 16 rot. conv.

Power stas. at Spy Run, Ft. Wayne and La Fayette; repair shops, at Ft. Wayne, Boyd Park, La Fayette, Huntington and Logansport.
 Reaches Robinson Park at Ft. Wayne and Spencer Park, Logansport.
 220 miles (189 inter. & 31 city); 4-8½ g; 203 motor and 54 other cars. (Company does general ltg. and pwr. business.)★19½

FRENCH LICK. 1,803.

267—French Lick & West Baden R. R. Co.—(Connects French Lick & W. Baden.)
 Pres. Thos. Taggart.....French Lick
 Sec. T. D. Taggart..... "
 Supt. W. T. Maygors..... "
 Energy purchased from French Lick Springs Hotel Co.
 1.78 miles; 4-8½ g; 3 motor cars and 1 other car. ★59

GARY. 16,802.

268—Gary & Interurban R.R. Co.—Office, 567 Broadway, Gary. (Connects Gary, Hammond and Indiana Harbor.)
 Pres. Chas. W. Chase.....Gary
 Sec. R. M. Schmidt..... "
 Treas. L. E. Woodward..... "
 Supt. & Pwr. Agt. J. G. Phillips..... "
 Claim Agt. F. M. Kemp..... "
 Elec. Engr. J. A. Norman..... "
 M. M., S. T. Phillips..... "
 Engr. M. of W., Fred Kimmel..... "
 Energy purchased from Calumet Elec. Co. 3100 kw. G. E. trans: 8100 kw. G. E. rot. conv; trans. volt. 33,000 v; trolley volt. 600 v.
 1 sub-sta. cap. 1600 kw.; 4 rot conv.
 Repair shops at 22d Ave. & Jefferson St., Gary.
 30.42 miles; 4-8½ g; 43 motor and 11 other cars. ★59

GENEVA. 1,140.
 (See No. 252.)

GOSHEN. 8,955.
 (See No. 291.)

GREENFIELD. 4,448.
 (See No. 276.)

HAMMOND. 26,171 (1916).

(See Nos. 172, 182 and 268.)

HOBART. 1,753.

269—Gary & Hobart Trac. Co. Office 690 Broadway, Gary. (Successor to Gary, Hobart & Eastern Trac. Co.) (Connects Gary and Hobart)
 Pres., Gen., Mgr., Treas. & Pur. Agt. Adlai T. Ewing..... Hobart
 V. Pres. Wm. Earle..... Gary
 Sec. A. J. Smith..... Hobart
 Andr. V. R. Barnes..... "
 M. M., Orville L. Frazee..... "
 Energy purchased from Calumet Electric Co., Gary, Ind.; trolley volt. 600 v. Repair shops at Hobart.
 Reaches Lake George Park. 5.5 miles; 4-8½ g; 4 motor pass., 1 ft. without mo. and 1 service car. ★59

INDIANAPOLIS. 271,708 (1916)

(See also Nos. 254, 255, 280 and 290.)

271—Indianapolis & Cincinnati Trac. Co.—Gen. Office, Rushville; executive office, Room 310, Trac. Terminal Bldg., Indianapolis. (The "Shelbyville Division" was formerly owned and operated by the Indianapolis, Shelbyville & Southeastern Trac. Co.) (Connects Indianapolis, Julietta, New Palestine, Reedville, Fountaintown, Morristown, Glenwood, Connersville, Gwynnville, Arlington and Rushville.) (The Shelbyville Div. connects Five Points, New Bethel, Acton, London, Fairland, Shelbyville, Prescott, Waldron, St. Paul, Adams and Greensburg.)
 Pres., Gen. Mgr. & Pur. Agt. Chas. L. Henry..... Indianapolis
 V. Pres. Theo. F. Rose..... Muncie
 Treas. J. F. Wild..... Indianapolis
 Andr. Amos Baxter..... "
 Claim Adj., Supt. & Ch. Clerk Chas. Zoller..... "
 Asst. Pur. Agt. Miss Theresa Reardon.... "
 Ch. Engr. Pwr. Sta. Sam'l Waggoner..... Rushville
 M. M., Geo. W. Skipton..... "
 Power sta. equip. 4 a. c. — tot. 2000 kw. s. ph. 25 cys; 8000 kw. b. Bab. & W: 2000 kw. stm. turb. G.E; trans. volt. 33,000 v; trolley volt. 3300 v. s. ph. 25 cys. a. c. & 575 v. d. c.
 Power sta. and repair shops at Rushville. 107 miles; 4-8½ g; 20 pass. and 5 express cars. 59

274—Indianapolis Street Railway Co. (Formerly Indianapolis Traction & Terminal Co.—Office, Traction Terminal Bldg.) (Consolidation of Indianapolis Trac. & Term. Co. and leased lines of Indianapolis St. Rwy. Co.)
 Pres. & Gen. Mgr. Robert I. Todd..... Indianapolis
 V. Prests. { Henry C Thompson... "
 Charles S. Becker... "
 Sec. & Treas. Jos. A. McGowan... "
 Asst. Sec., Asst. Treas. & Asst. Audr., W. F. Milholland... "
 Audr. L. J. E. Foley..... "
 Supt. Jas. P. Tretton..... "
 Pur. Agt. Harry H. Lloyd..... "
 Supt. Ovhd. Const. Edward Heydon..... "
 Claim Agt. Joseph G. Bruce..... "
 Ch. Engr. Thos. B. McMath..... "
 Elec. Engr. & Ch. Engr. Pwr. Sta. Chas. Hogate..... "
 Asst. F. Elward..... "
 repair shop at 1150 W.

Park. 23 motor pass., 24 at cars. ★79

275—Interstate Public Service Co.—Gen. Office, 510 Board of Trade, Indianapolis. (A subsidiary of the Middle West Utilities Co.) (Controls Central Indiana Lighting Co. of Columbus and operates under lease the Indianapolis, Columbus & Southern Traction Co., which connects Indianapolis, Greenwood, Franklin, Edinburg, Columbus, Seymour, with connections for Louisville, Ky. Also owns and operates electric, gas, heat and water properties throughout the state.)
 Pres. Harry Reid..... Louisville, Ky.
 V. Pres. E. Van Arsdel..... Indianapolis
 Sec. & Treas. Ira E. Guthrie... "
 Pur. Agt. C. H. Dallow..... "
 Supt. L. M. Brown
 Irwin's Bk. Bldg., Columbus
 Safety Mgr. James Harmon..New Albany
 Gen. Fgt. & Pass. Agt. Bert Weedon..... Indianapolis
 Ch. Engr. Pwr. Sta. H. C. Bouslog..... Edinburg
 M. M., H. H. Buckman..... New Albany
 Elec. Engr. C. C. Argabrite... "
 Engr. M. of W. R. J. Custer.... Columbus
 Engr. Ovhd. Constr. W. H. Jennings..... Greenwood
 Power sta. equip. 3 a. c. tot. 2100 kva. 370 v. 25 cys: 3400 hp. e. Bckye. Rus.—hp. b. B. & W. and Stir; trans. volt. 15,000 v; trolley volt. 870 v.
 Pwr. sta. at Edinburg.
 Repair shops at Greenwood & Seymour. 63 miles 4-8½ g. 22 motor pass. and 6 other cars. ★59

276—Terre Haute, Indianapolis & Eastern Traction Co.—Office, Trac. Terminal Bldg., Indianapolis. Acquired by purchase the following: Indianapolis Coal & Traction Co., connecting Indianapolis, Ben Davis, Bridgeport and Plainfield, 110 miles; extended this line through Cartersburg, Clayten, Amo, Coatsville, Fillmore, Greencastle and Harmony to Brazil, total 52 miles. Indianapolis & Western Ry. Co., connecting Indianapolis, Hoyt, Huron, Brickert, Hadley and Danville, 17 miles. Indianapolis & Eastern Ry. Co., connecting Indianapolis, Cumberland, Philadelphia, Greenfield, Knightstown, Dunreith, Lewisville and Dublin, with branch line from Dunreith through Spiceland to New Castle, 59 miles. Richmond St. & Interurban Ry. Co., connecting with the Indianapolis & Eastern Ry. Co., at Dublin and extending through the towns of Cambridge City and Centerville to Richmond, with branch line from Cambridge City to Milton; also owns and operates street railway system in Richmond, total 28 miles (15 interurban and 13 city track.)
 Leases the following:
 Indianapolis & Northwestern Traction Co., connecting Indianapolis, Augusta, Zionville, Whitestown, Lebanon, Frankforth, Mulberry, Dayton and Lafayette, with branch line from Lebanon to Crawfordsville, 84 miles.
 Indianapolis & Martinsville Rapid Transit Co., connecting Indianapolis, Maywood, Valley Miles, Mooresville, Brooklyn, Bethany and Martinsville, 28 miles.
 Indianapolis, Crawfordsville & Danville Elec. Ry. Co., connecting Indianapolis, Clermont, Brownsburg, Pittsboro, Lizton, Jamestown, New Ross, Linnsburg and Crawfordsville, 42 miles.
 Terre Haute Traction and Light Co. (See Terre Haute.)
 Pres. & Gen. Mgr. Robt. I. Todd..... Indianapolis
 V. Prests. { Marshall S. Morgan Philadelphia, Pa.
 Jno. J. Appel... Indianapolis
 Sec. & Treas. Jos. A. McGowan..... "

Asst. Sec. & Asst. Treas.

W. F. Milholland.....Indianapolis
 Audr. L. T. Hixson....."
 Gen. Supt. G. K. Jeffries..."
 Claim Agt. Wm. Tichenor..."
 Pur. Agt. Harry H. Lloyd.."
 Gen. Pass. & Fgt. Agt."
 J. H. Crail....."
 Ch. Engr. T. R. H. Daniels.."
 Supt. Distbrn. & Sub. Sta."
 A. Schlesinger....."
 Ch. { Charles Hogate .."
 Engrs. { V. Caldwell.....Lebanon
 Pwr. { Chas. Gately.....Philadelphia
 Stas. { Wm. Mutchener....Richmond
 Engr. Maint. of Way,
 John O'Laughlin.....Indianapolis

Mast. Mechs. { J. F. Elward .."
 { J. W. Osborne...Lebanon
 { C. W. Duncan..Greenfield
 Asst. { O. P. Spillman....Lebanon
 Supts. { F. H. Warner....Greenfield
 { A. Gordon.....Richmond

Ch. Lineman, H. L. Schaid.....Lebanon
INDIANAPOLIS PLANT—2 a. c.
 turbo-gen. West. tot. 20,000 kw. 3 ph. 25
 cys; 6240 hp. b. Bab. & W; trans. volt.
 83,000 v; trolley volt. 675 v.

PHILADELPHIA PLANT—2 d. c.
 West. Bull. tot. 160 kw; 1 a. c. Bull. 1000
 kw. 870 v. 3 ph. 25 cys; 2000 hp. e. Ham.
 Cor; 1500 hp. b. Sterling; 1500 kw. turb.
 (stm.) West; trans. volt. 13,200 v; trolley
 volt. 650 v.

RICHMOND PLANT—2 d. c. S. & H. tot.
 600 kw; 1000 hp. e. Bckye; 1135 hp. b.
 Edge, Sterling; trans. volt. 13,200 v; trol-
 ley volt. 600 v.

LEBANON PLANT—3 a. c. G. E. tot.
 2400 kw. 870 v. 3 ph. 25 cys; 3600 hp. e.
 Ham. Cor; 8000 hp. b. Sterling; trans.
 volt. 26,400 v; trolley volt. 650 v.

CRAWFORDSVILLE PLANT—2 a. c.
 Allis-C tot. 1400 kw. 405 v. 3 ph. 25 cys;
 1000 hp. e. Allis-C; 1400 hp. b. Sterling;
 trans. volt. 83,000 v; trolley volt. 650 v.

Power stations at West Tenth St. &
 White River Blvd., Indianapolis (Main
 Sta.), Philadelphia, Richmond, Lebanon
 and Crawfordsville.

Repair shops at Indianapolis, Green-
 field, Richmond and Lebanon.

Reaches Jackson Park and Bethany
 Park.

Total miles of track owned and opera-
 ted, 410; 4-8 1/2 g; 215 motor pass., 18 trail
 pass. and 35 other motor cars; 34 elec.
 locos. ★59

JEFFERSONVILLE. 10,412.

(See Nos. 285 and 286.)

KENDALLVILLE. 4,981.

277—Ft. Wayne & Northwestern
 Ry. Co.—Office, Kendallville. (Con-
 nects Kendallville, Avilla, Garrett,
 Auburn, Waterloo, Huntertown and
 Ft. Wayne.)

Pres. & Gen. Mgr.
 C. J. Munton.....Kendallville
 1st V. Pres. W. L. Taylor
 State Life Bldg., Indianapolis, Ind.
 2d V. Pres. J. H. Rose.....Ft. Wayne
 Sec. & Audr. V. R. Shick...Kendallville
 Treas., Pur. Agt. & Traffic Mgr.
 G. M. Patterson....."
 Ch. Engr. Pwr. Sta. M. J. Ogden .."
 M. M. Homer Reid....."
 Engr. M. of W., Philip Holman .."

Power sta. equip. 2 a. c. G. E. tot. 1600
 kva. 3 ph. 25 cys; 1200 hp. b. Stir; 1600 kw.
 stm. turb. G. E. (Curtis); trans. volt. 33,000
 trolley volt. 600 v.

4 sub-sta. total cap. 1200 kw; 4 rot. conv.
 Power sta. and repair shop at Kendal-
 lville.

41 miles; 4-8 1/2 g; 5 motor pass; 1 trail
 pass., 2 fgt. motor 4 fgt. without motors,
 3 service and 3 other cars. (Company

does limited general lighting and power
 business.) ★59

KOKOMO. 20,930 (1916).

278—Indiana Rys. & Lt. Co.—Offices
 118-114 E. Sycamore St. (Operates prop-
 erties formerly known as Kokomo,
 Marion & Western Trac. Co., Kokomo
 Public Utilities Co. and Kokomo,
 Frankfort & Western Trac. Co. consist-
 ing of railway lines between Frankfort
 and Kokomo and Kokomo and Marion,
 also city lines in Kokomo; co. does
 general lighting and power business in
 Kokomo, Michigantown, Forest, Kemp-
 ton, Hillisburg, Scircleville, Russia-
 ville, Greentown, Swayzee, Converse,
 Burlington, New London, West Mid-
 dleton, Middlefork, Sims, Herbst, Am-
 boy, Kirklm, Galveston, Sedalia,
 Boyleston, Cutler, Rossville, Moran
 and rural extensions. Also operates
 a steam heating system in Kokomo.)

Pres. Geo. J. Maret.....Indianapolis
 V. Pres. L. J. Kirkpatrick.....Kokomo
 Sec. L. B. Hodgkin....."
 Treas. A. R. Holliday.....Indianapolis
 Audr. & Asst. Sec. Karl A. George Kokomo

Asst. Treas., Gen. Mgr. & Ch. Engr.
 P. H. Palmer....."

Asst. Gen. Mgr. & Pur. Agt.
 C. F. Richardson....."

Supt. of Transp. S. R. Humbert .."
 Gen. Fgt. & Pass. & Claim Agt.
 C. P. Ryan....."

Elec. & Signal Engr.
 F. T. Morrissey....."

Ch. Engr. Pwr. Sta. R. H. Hollis .."
 M. M., M. S. Ferguson....."

Engr. M. of W., C. S. Head....."
 Engr. Ovhd Constr. L. W. Turner .."

Power sta. equip. 4 a. c. turbo-gen. Allis-
 C. Westg., G. E. tot. 10,200 kw. 2300 v. 2 ph.
 60 cys; 4970 hp. b. Stir; trans. volt. 22,000
 v; trolley volt. 650 v.

Power sta. and repair shops at Kokomo.
 Reaches Athletic Park (owned).

62 miles; 4-8 1/2 g; 24 motor pass., 2 trail
 pass., 4 other motor and 15 other cars;
 3 elec. locos. ★59

LA FAYETTE. 21,286 (1916)

279—Ft. Wayne & Northern Indi-
 ana Trac. Co. See Ft. Wayne for
 general officers.

Local Supt. R. W. Levering...La Fayette
 Ch. Engr. Pwr. Sta. V. H. Cox.. "

M. M. H. Creasey....."
 Power sta. equip. 2 d. c. G. E. tot. 100

kw; 4 a. c. tot. 2000 kw. 875-2200 v. 2
 & 3 ph. 25 & 60 cys; 1500 hp. e. Ham.
 Cor; 2400 hp. b. Stir; 1000 kw. Westg.
 turb. (stm.); trans. volt. 33,000-6600-2200
 v; trolley volt. 550 v.

Power sta. at foot of South St. Repair
 shop, 10th & Ferry Sts.

Owns "Tecumseh Trail" (park).
 25 miles; 4-8 1/2 g; 20 motor and 3 other
 cars. 118

LA FONTAINE. 683.

(See No. 249.)

LA PORTE. 13,202 (1916).

(See No. 291.)

LEBANON. 5,474.

(See also No. 276.)

280—Lebanon-Thorntown Trac.
 Co.—Office, 925 West St., Lebanon.
 (Connects Lebanon and Thorntown.)

Pres. & Gen. Mgr. Robt. P. Woods
 1500 Grand Ave., Kansas City, Mo.

Vice-Pres. Frank M. Reed...Indianapolis
 Sec., Treas., Supt. & Pur. Agt.

Geo. S. Hill.....Lebanon

Energy purchased from Terre Haute, Indianapolis & Eastern Traction Co.; trolley volt. 550 v. d. c.; repair shops, Lebanon.

10 miles; 4-8½ g; 2 pass. cars. ★69

LOGANSFORT. 21,046 (1916).

(See also No. 249.)

281—Ft. Wayne & Northern Indiana Trac. Co. See Ft. Wayne for general officers.

Local Supt.

R. Howey.....31 43d St., Logansport
Sub-sta. equip. 1 rot. conv. Bull. 500 kw.
600 v.

13 miles; 4-8½ g; 8 motor and 6 trail. cars. 118

MADISON. 6,934.

282—Madison Lt. & Ry. Co. Office, Madison.

Pres., Treas., Gen. Mgr. & Pur. Agt.

M. F. Tennis.....Madison

V. Pres. Chas. C. Tennis.....Pittsburgh, Pa.

Sec. M. S. Tennis.....Madison

Audr. Mabel Johnston.....Pittsburg, Pa.

Elec. Engr. Thomas Lilly.....Madison

Ch. Engr. Pwr. Sta., S. R. Taylor " "

Roadmaster, Chas. Jenkins " "

Railway Dept. discontinued. Road

dismantled. (Company does general

lighting and power business). ★59

MARION. 19,834.

(See Nos. 249 and 278.)

MARTINSVILLE. 4,539.

(See No. 276.)

MICHIGAN CITY. 21,512 (1916).

283—The Chicago, Lake Shore & South Bend Ry. Co.—Office, Michigan City. (Controls The Indiana Harbor Line and Kensington & Eastern R. R. Co. (leased.) (Connects Chicago, Pullman and Kensington (Ill.) and Hammond, E. Chicago, Indiana Harbor, Gary, Michigan City, New Carlisle and South Bend, Ind.)

Chmn. of B. F. H. Goff....Cleveland, O.

Pres. & Gen. Mgr.

C. N. Wilcox.....Michigan City

V. Pres. S. H. Tolles.....Cleveland, O.

Sec. & Treas. R. R. Alexander " "

Audr. Frederick Pantel....Michigan City

Supt. Jas. K. Gray....." "

Claim Agt. F. J. Lewis Meyer..South Bend

Traffic Mgr., H. G. Faithorn, Michigan City

Pur. Agt. H. F. Kirk....." "

Supt. Pwr. & Equip. " "

W. E. Rolston....." "

Supt. Ovhd. Constr. & Signals " "

Wm. F. Heinemann....." "

Ch. Engr. Pwr. Sta. " "

J. E. Rolston....." "

Roadmaster, J. A. Forsyth.. " "

Power sta. equip. 4 a. c. turbo-gen. Westg.

tot. 10,000 kw. 6600 v. s. & 3 ph. 60 & 25

cys; 4000 hp. b. Stirling; trans. volt. 33,000

v; trolley volt. 6600 v. s. ph. a. c.

Power station and repair shops at

Michigan City.

Reaches Lake Park.

100 miles (single ph. catenary); 4-8½g;

20 motor and 72 other cars; 2 elec. locos.

(Company sells energy for lighting and

power.) 59

MISHAWAKA. 16,385 (1916).

(See No. 291.)

MOUNT VERNON. 5,563.

(See No. 262.)

MUNCIE. 26,424 (1916).

(See also Nos. 249 and 298.)

284—Muncie, Hartford & Ft. Wayne Ry. Co.—(Leased to the Union Traction Co. of Indiana which see for officers and power plant equipment.)

Power sta. at Eaton.

Owns Riverside Park, Eaton.

48 miles; 4-8½ g; 12 cars. 59

NEW ALBANY. 23,629. (1916)

285—Louisville & Northern Ry. & Ltg. Co.—Office, 138 E. Spring St.

(Connects Louisville, Ky., Jeffersonville.

New Albany, Watson and Sellersburg,

Ind., and branch to Charlestown, Ind.

Operates over Kentucky & Indiana

Bridge & Ry. Co. between Louisville,

and New Albany, and connects with In-

dianapolis & Louisville Trac. Co. at

Sellersburg, Ind., giving through service

to Indianapolis. Subsidiary of the

Middle West Utilities Co.)

Pres. Harry Reid.....Louisville, Ky.

V. Pres. & Gen. Mgr.

L. D. Sprager.....New Albany

Sec. Ira E. Guthrie.....Indianapolis

Treas. & Audr. J. F. Strattan, New Albany

Supt. W. L. Foreman....." "

Claim Agt. Jas. Harmon...Louisville, Ky.

Gen. Fgt. & Pass. Agt.

Bert Weedon.....Indianapolis

Pur. Agt. C. R. Bohannan..New Albany

M. M., H. H. Buckman....." "

Engr. M. of W., R. J. Custer. " "

Engr. Ovhd. Constr. " "

H. Seigle....." "

Energy purchased from United Gas &

Elec. Co; trans. volt. 4000 v.

21.14 miles; 4-8½ g; 13 motor pass.

and 22 other cars. (Company fur-

nishes energy for lighting Charlestown.)

118

286—Louisville & Southern Indiana

Trac. Co.—Office, 138 East Spring

Street, New Albany. (Owns and

operates interurban lines between New

Albany and Jeffersonville, Jefferson-

ville and Louisville, and Highland R. R.

Co. Enters Louisville over the C. C. C.

& St. L. bridge. Leases New Albany

St. Ry. 10 miles.) (Subsidiary of Middle

West Utilities Co.)

Pres. Harry Reid.....Louisville

V. Pres. & Gen. Mgr.

L. D. Sprager.....New Albany

Sec. Ira E. Guthrie.....Indianapolis

Treas. & Audr. J. F. Strattan, New Albany

Supt. W. L. Foreman....." "

Gen. Fgt. & Pass. Agt.

Bert Weedon.....Indianapolis

Pur. Agt. C. R. Bohannan...New Albany

Claim Agt. Jas. Harmon...." "

M. M., H. H. Buckman....." "

Engr. M. of W., R. J. Custer " "

Engr. Ovhd. Constr., H. Seigle " "

Energy purchased from United Gas &

Elec. Co. of New Albany; trans. volt.

4000 v.

Reaches Glenwood Park.

22.06 miles; 4-8½ g; 47 motor pass.

and 10 other cars. ★39j

NEW CASTLE. 13,241 (1916).

(See No. 249.)

PERU. 12,410 (1916).

287—Ft. Wayne & Northern In-

diana Trac. Co.—See Ft. Wayne.

2.5 miles; 4-8½ g; 2 motor cars. 118

288—Winona & Warsaw Ry. Co.—

(Connects Warsaw and Winona Lake.

Leased to The Winona Interurban Ry.

Co. which see for officers.)

2.5 miles; 4-8½ g; 5 motor pass. and 4 trail cars. 118

PORTLAND. 5,180.

289—The Muncie & Portland Trac. Co.—Office, Portland. (Connects Muncie, DeSoto, Albany, Dunkirk, Redkey, Como, Blaine, Detamore and Portland. Leased to the Union Trac. Co. of Indiana which see for operating officials).

Pres. E. B. Ball.....Muncie
V. Pres. Wm. C. Ball....."
Sec. G. A. Ball....."
Treas. F. C. Ball....."
Asst. Secy. & Asst. Treas.
W. H. Forse, Jr.....Anderson
Gen. Mgr. H. A. Nicholl....."
Sub-sta. Albany.
32 miles; 4-8½ g; 7 motor and 4 other cars. ★59

PRINCETON. 6,448.

(See No. 265.)

RICHMOND. 24,597 (1916).

(See No. 276.)

ROCKPORT. 2,736.

(See No. 259.)

RUSHVILLE. 4,925.

(See No. 271.)

SCOTTSBURG. 1,669.

290—Indianapolis & Louisville Trac. Ry. Co.—Office, Scottsburg. (Connects Indianapolis and Louisville via Ind., Col. & So. Tract. Co. (operated by Interstate Public Service Co.) at Seymour and Louisville & Northern Ry. & Ltg. Co. at Sellersburg.)

Pres. & Gen. Mgr.
John E. Greeley.....Scottsburg
V. Pres. Mark Storen....."
Sec. N. G. Eyster.....Pittsburg, Pa.
Treas. Jas. C. Chaplin....."
Audr. H. F. McCollin.....Scottsburg
Asst. to Gen. Mgr. & Pur. Agt.
Hudson R. Biery....."
Supt. F. Windle....."
M. M., Wesley Hartley....."
Roadmaster, Jas. E. Slatten..."

Power sta. equip. 2 d. c. G. E. tot. 1200 kw; 1500 hp. e. Allis-C; 1200 hp. b. Bab. & W; trans. & trolley volt. 1200 v. d. c.

Power sta. and repair shops at Scottsburg, Ind.

40.92 miles owned, 75 miles traffic rights; 4-8½ g; 8 motor pass., 2 other motor and 7 other cars. (Co. sells energy to Scottsburg Municipal Light Plant for lighting in Scottsburg.) ★19†

SHELBYVILLE. 10,995 (1916)

(See No. 271.)

SOUTH BEND. 68,946 (1916).

(See also No. 283.)

291—Chicago, South Bend & Northern Indiana Ry. Co.—Office, 102 N. Michigan St., South Bend. (Successor to the Northern Indiana Ry. Co., which includes the Indiana Ry. Co., South Bend, La Porte & Michigan City Ry. Co., Michigan City Trac. Co., and the railway of Mich. City Elec. Co.) (Connects South Bend with Niles, Berrien Springs, St. Joseph and Michigan City.)

Pres. Chas. F. Dieterich
2 Rector St., New York, N. Y.
V. Pres. Chas. M. Murdock.... La Fayette
Gen. Mgr. R. R. Smith..... South Bend
Sec. Sam'l T. Murdock..... Indianapolis
Treas. A. E. Dieterich
2 Rector Street, New York, N. Y.

Audr. O. A. Small..... South Bend
Supt. Transpt. L. E. Hollar... "
Pur. Agt. R. E. Cornwell..... "
Claim Agt. F. H. Warren..... "
Gen. Fgt. & Pass. Agt.
John S. Moore..... "
Supt. of Sub-stas. B. C. Eager
Supt. Equip. & M. M.
C. E. Atkinson..... "
Roadmaster S. E. Wolfe..... "
Supt. Ovhd. Constr.
D. C. Southworth..... "

Div. Supt. (East) E. E. Nicholson, Elkhart
Div. Supt. (West)
W. B. Kambs..... Michigan City
Energy purchased; trans. volt. 25,000 v; trolley volt. 600 v; has sub-stas. at Michigan City, La Porte, Rolling Prairie, Lydick, South Bend, Twin Branch, Elkhart and Dunlap; repair shops at South Bend.

Reaches parks in Springbrook, (owned) South Bend, Pine Lake and La Porte, covering 80 acres.

123 miles; 4-8½ g; 106 motor and 25 other cars. ★59

292—Southern Michigan Ry. Co.—General office, 102 N. Michigan St., South Bend. (Consolidation of the South Bend & Southern Michigan Ry. and the Niles & Buchanan Ry. Co.) (Connects South Bend, Ind. and Niles, Berrien Springs, Scottdale and St. Joseph, Mich.)

Pres. Chas. F. Dieterich
2 Rector St., New York, N. Y.
V. Pres. Chas. M. Murdock.... La Fayette
Sec. S. T. Murdock..... Indianapolis
Treas. A. E. Dieterich

2 Rector St., New York, N. Y.
Audr. O. A. Small..... South Bend
Asst. Secy. A. C. Moore..... "
Gen. Mgr. R. R. Smith..... "
Supt. Transpt. L. E. Hollar... "
Pur. Agt. R. E. Cornwell..... "
Claim Agt. F. H. Warren... "

Gen. Fgt. & Pass. Agt.
John S. Moore..... "
Supt. Equip. C. E. Atkinson.. "
Supt. of Sub-stas. B. C. Eager
Roadmaster S. E. Wolfe..... Elkhart
Supt. Ovhd. Constr.

D. C. Southworth..... "
Energy purchased from Indiana & Michigan Elec. Co; trans. volt. 25,000 v; trolley volt. 600 v; sub. stas. at Niles, South Bend, Berrien Springs and Scottdale; repair shops, South Bend.

35 miles; 4-8½ g; 16 motor and 3 baggage cars and 1 other car. ★59

TERRE HAUTE. 66,085 (1916)

293—Terre Haute Traction & Light Co.—Office 663 Wabash Ave. (Owns Brazil Rapid Transit Co., Terre Haute Elec. Co. and Terre Haute Elec. Trac. Co.; also leases Terre Haute & Western Ry. Co., a line extending from Paris, Illinois, to Indiana State Line, 10.63 miles. Connects Terre Haute with Clinton, Sullivan, Paris, Illinois, and Brazil, at which point it joins with the Brazil Div. of the Terre Haute, Indianapolis & Eastern Trac. Co., making a through line from Terre Haute to Indianapolis.) (Leased to Terre Haute, Indianapolis & Eastern Traction Co., Indianapolis, which see for general officers.)

Gen. Mgr. E. M. Walker.... Terre Haute
Supt. Ry. & M. M.

Morris M. Nash..... "
Claim Agt., Jesse McComb... "
Pur. Agt. D. F. Roach..... "
Engr. M. of W.
Wm. D. Wallace..... "
Engr. Ovhd. Constr.
G. O. Nicolai..... "

Power sta. equip. 5 a. c. G. E. tot. 16,000 kva. 2300 v. 2 ph. 60 cys; 6420 hp. b. A. & T. Climax; 20,000 kw. turb. (stm.) G. E.; trans. volt. 23,000 v; trolley volt. 600 v. 6 sub-stas.

Power sta. at Water and Mulberry Sts., Terre Haute; repair shops at Wabash Ave., Terre Haute.

Reaches Lake View Park, Chelsea Park and Terre Haute Trotting Park.

97.89 miles (including leased track of Terre Haute & Western Ry. Co.); 4-8½ g; 111 motor pass., 12 trail pass., 15 other motor and 11 other cars. (Furnishes energy for lighting and motor service in Terre Haute, Seeleyville, Staunton, Brazil, Knightsville, Vermillion and Harmony.) 19†

VALPARAISO. 6,987.

(See No. 263.)

VAN BUREN. 1,189.

(See No. 253.)

VINCENNES. 17 645 (1916)

294 — Vincennes Traction Co.—Office, 1027 Fairgrounds Ave.

Chmn. Bd.

S. A. Culbertson..... Louisville, Ky.

Pres. & Pur. Agt. M. L. Ross... Vincennes

V. Pres. John T. Boyd..... "

Sec., Treas. & Andr.

H. L. Bennett..... "

Energy purchased from The Indiana

Power & Water Co.

Repair shops at 1027 Fairgrounds Ave.

Reaches Lakewood (owned), Harmonie,

Harrison and Columbia Parks.

8.5 miles; 4-8½ g; 11 motor and 2 other

cars. ★59

WABASH. 8,730.

(See Nos. 249 and 266.)

WARSAW. 4,430.

295—The Winona Interurban Ry. Co.—Office, Warsaw. (Leases Winona & Warsaw Ry. Connects Warsaw, Leesburg, Milford, Milford Junction, New Paris, Goshen, Mentone, Winona Lake, Gilead, Akron, Chili and Peru.)

Receiver C. J. Munton..... Kendallville

Gen. Mgr. & Pur. Agt.

J. C. Schade..... Warsaw

Andr. H. O. Welmer..... "

Gen. Fgt. & Pass. Agt.

John O. Motto..... "

Ch. Engr. Pwr. Sta. & M. M.

Chas. Sigler..... "

Roadmaster, Chas. Ruse..... "

Fmn. Overhead Constr.

O. R. Ferguson..... "

Park Mgr. Sol. C. Dickey... Winona Lake

Power sta. equip. 2 a. c. Bull tot. 1200

kw. 3 ph. 25 cys; 1200 hp. e. Allis-C; 1200

hp. b. Bab. & W; trans. volt. 33,000 v;

trolley volt. 650 v.

7 sub-sta. tot. cap. 2100 kw; 7 rot. conv.

Power sta. and repair shop at Winona

Lake.

Reaches Winona Assembly.

70 miles; 10 inter. motor pass., 2 city

motor pass., 3 fgt. motor, 2 other motor,

4 city trail pass. and 4 other cars; 1 snow

plow. (Furnishes lighting for Leesburg,

Chili, Mentone, Akron and Gilead.) 118

WASHINGTON. 7,854.

296 — Washington St. Ry. Co.—Office, 615 W. Main St.

Pres. Z. F. Graham..... Evansville

1st V. Pres. Jos. B. Graham..... "

2d V. Pres. Robert Graham..... "

Sec. Ray A. Graham..... "

Treas. & Supt., C. G. Colbert, Washington
Energy purchased from The Electric
Works.

2.6 miles.

59

WATERLOO. 1,167.

(See No. 277.)

IOWA.

ALBIA. 5,138.

(See also No. 303.)

297—Albia Light & Ry. Co.—Office
10 N. Main St. (Successor to Southern
Ia. Ry. & Lt. Co.) (Connects Albia with
Hocking and Hiteman.)

Pres. Albert L. Fowle,

60 Broadway, New York, N. Y.

V. Pres. Merle R. Walker " "

Sec., Treas., Gen. Mgr. & Claim Agt.,

Ralph W. Boyer..... Albia

Audr. Bert Dunkin..... "

Roadmaster, Joseph Heinman..... "

Ch. Engr. D. D. Plumb..... "

Engr. Ovhd. Constr. C. M. Martin.. "

Power sta. equip. 4 d. c. Westg. Ft. W.

tot. 550 kw; 2 a. c. Allis-C tot. 800 kw.

2300 v. 3 ph. 60 cys; 1000 hp. e. Allis-C;

750 hp. b. Mur; trans. volt. 13,200 v; trol-

ley volt. 600 v.

Repair shops at Albia.

Reaches Urban Park (owned).

10 miles; 4-8½ g; 3 motor cars and 1 other

car. (Co. does ltg.) ★59

AMES, 5,091.

(See No. 298.)

BOONE. 12,253 (1915)

298 — Fort Dodge, Des Moines &
Southern R. R. Co.—Office, Boone.
(Operates street railways in Ft. Dodge
and Ames, and connects Fort Dodge,
Boone, Ames, Rockwell City, White
City, Lehigh and Des Moines.)

Pres. Homer Loring..... Boston, Mass.

Sec. George G. Beals

201 Devonshire St., Boston, Mass.

Treas. C. L. Smith..... "

Andr. F. M. Johnston..... Boone

Gen. Mgr. C. H. Crooke..... "

Supt. C. M. Kelley..... "

Pur. Agt. G. E. Motz..... "

Claim Agt. & Traffic Mgr.

F. M. Steele..... "

Engr. M. of Way, L. E. Gagnon . "

Supt. Pwr. B. T. Mottinger..... "

Ch. Engr. R. L. Cooper..... "

Elec. Engr. D. K. Lewis..... "

Engr. Pwr. Sta. R. E. Skow..... Fraser

M. M., John Duncan..... Boone

Power sta. equip: 2 a. c. G. E., turbo-

gen. tot. 10,000 kw. 2200 v. 3 ph. 25 cys;

2600 hp. b. Edge; 7500 kw. stm. turb. G.

E; trans. volt. 23,000 v; trolley volt.

1200 v.

Pwr. sta. at Fraser; repair shops at

Boone.

130 miles; 4-8½ g; 20 motor and 2300

other cars; 11 elec. locos. (Co. does a

general ltg. business.) ★29

299—Iowa Ry. & Lt. Co.—Office, 917
Eighth St. See Cedar Rapids for
general officers.

Local Mgr. F. W. Linebaugh..... Boone

Ch. Engr. Pwr. Sta. R. A. Thomas. "

Power sta. equip. 1 d. c. Allis-C. 800

kw; 3 a. c. G. E. tot. 2000 kw. 2300 v.

3 ph. 60 cys; 500 hp. e. Bckye; 1200 hp. b.

Edge; 2000 kw. turb. Allis-C; trans. volt.

33,000—13,200 v; trolley volt. 600 v.

Power sta. and repair shop at E. 8th St.
Reaches Boone Amusement Park.

7 miles; 4-8½ g; 6 motor and 6 other cars. Company does lighting. 59

BURLINGTON. 24,324.

300—Burlington Ry. & Lt. Co.—

Office, 516 Jefferson St.

Pres. G. H. Higbee.....Burlington

V. Pres. E. C. Walsh.....Clinton

Sec., Treas. & Gen. Mgr.

C. H. Walsh.....Burlington

Audr. A. J. Meyer..... "

Supt. & Pur. Agt. D. D. Bentzinger .. "

Supt. Transp. Charles Birck... "

Elec. Engr. Ralph Pierce

Ch. Engr. Pwr. Sta.

H. A. Bentzinger..... "

M. M., J. Holman..... "

Roadmaster, Frank Warren.... "

Energy purchased from Mississippi

River Pwr. Co.; 4 d. c. G. E., Westg.

tot. 1150 kw; 8 a. c. G. E. tot. 1500 kw.

2:200 v. 3ph. 60 cys; 2300 hp. e. Ham. Cor.,

St. L. Cor., Mur; 2400 hp. b. Heine, Bab.

& W; 1400 kw. turb. (stm.) Westg; trans.

volt. 2300 v; trolley volt. 650 v.

Power sta. at 4th & Valley Sts.; repair

shops at Locust & Main Sts.

Reaches Crapo and Madison Ave. Parks.

23.5 miles; 4-8½ g; 25 motor and 22

other cars. Furnishes energy for light-

ing. ★49

CEDAR RAPIDS. 42,000.

(See also No. 327.)

301—Cedar Rapids & Marion City

Ry. Co.—Office, 426 N. Second St.

(Connects Cedar Rapids, Kenwood Park

and Marion.) (Controlled by the United

Lt. & Rys. Co.)

Pres. Glenn M. Averill.....Cedar Rapids

1st V. Pres.

R. Schaddelee.....Grand Rapids, Mich.

2d V. Pres. B. J. Denman.....Davenport

Treas. C. M. Hurd...Grand Rapids, Mich.

Sec. & Gen. Mgr. E. C. Allen...Cedar Rapids

Audr. C. Fred Meyer..... "

Supt. Transp. Joe E. Kintz.... "

Claim Agts.

Barnes, Chamberlain & Hanzlik .. "

Ch. Engr. F. M. Ford..... "

Power sta. equip. 3 d. c. Allis-C. tot. 1550

kw; 2000 hp. e. Allis-C; 1200 hp. b. Erie

City; trolley volt. 600 v.

Power sta. cor. E. Ave & 8d St.; repair

shop at D Ave. & 2nd St.

30.07 miles; 4-8½ g; 40 motor pass., 6

trail pass., 1 ftg. motor and 5 other cars.

★59

302—Iowa Ry. & Lt. Co.—Gen. office

Cedar Rapids. (Consolidation of the

Cedar Rapids & Iowa City Ry. & Lt.

Co., Marion Lt., Ht. & Pwr. Co., Mar-

shalltown Lt., Pwr. & Ry. Co., Tama

& Toledo Elec. Ry. & Lt. Co., Chelsea

Elec. Lt. Co., Boone Elec. Co. and Perry

Elec. Lt., Pwr. & Htg. Co.) (Operates

an interurban electric railway con-

necting Cedar Rapids, Swisher, North

Liberty, Coralville and Iowa City;

interurban line connecting Cedar Rapids

Mt. Vernon and Lisbon; local street

railways in Marshalltown and Boone.)

Pres.Cedar Rapids

V. Pres. John A. Reed..... "

V. Pres., Treas. & Traffic Mgr.

Isaac B. Smith..... "

Sec. & Audr.

Chas. S. Woodward..... "

Supt. E. F. Winslow..... "

Gen. Mgr. & Pur. Agt,

Southernland C Dows..... "

Ch. Engr. J. D. Wardle..... "

Supt. Sales Dept., J. E. Blake .. "

Mech. & Elec. Engr.

John M. Drabelle..... "

Asst. Elec. Engr., J. W. Howe .. "

Ch. Engr. Pwr. Stas.

R. A. Ford..... "

M. M., John Munson..... "

Power sta. equip. (Cedar Rapids) 1 d. c. West, 500 kw. 500 v; 5 a. c. Westg, Allis-C. tot. 7000 kw. 2300 v. 2 ph. 60 cys; 2100 hp. e. Bckye, Fulton; 6050 hp. b. Edge, Bab. & W; 19,000 kw. stm. turb. Allis-C, G. E; trans. volt. 38,000 v; trolley volt. 650 v.

Automatic hydro-elec. plant on Cedar River; equip. consists of 3 500-kw. Allis-C. 2300-v. 2-ph. 60-cycle vertical machines; ultimate cap. 2000 kw.

5 sub-stas., 1 with auto control tot. cap. 1900 kw; 5 rot. conv, 1 mo. gen. set.

Power sta. at Cedar Rapids; repair shops at Cedar Rapids, Boone and Marshalltown.

Reaches and controls Union and Mid-River Parks.

44.85 miles; 4-8½ g; 7 motor pass., 3 trail pass., 1 ftg. motor, and 16 other cars; 3 elec. locos. Company furnishes light,

power and steam heat and does general freight business, handling standard cars on its freight lines. (Installing G. E. 500

kw. 600-1200 v. automatic sub-sta.) ★59

CENTERVILLE. 7,803.

303—Iowa Southern Utilities Co.

—(Successor to Centerville Lt. & Trac,

Co. and has acquired the Centerville,

Albia & Southern Ry. Co. Operates in

Centerville and a line extending to

Mystic; also connects Centerville, Mo-

ravia and Albia.)

Pres. David G. Fisher.....Davenport

V. Pres.

John C. Melners.....Milwaukee, Wis.

Sec. Lyman C. Bernhard .. "

Asst. Sec. & Audr., G. E. Peck, Centerville

Treas. & Gen. Mgr.

J. C. Johnson..... "

Pur. Agt. Frank S. Payne..... "

Gen Supt. H. W. Deinenger .. "

Traffic Mgr. J. P. Boyle

Supt. Ovhd. Constr.

H. R. Longanecker..... "

Supt. Pwr. Guy McCarty..... "

Roadmaster E. C. Stites..... "

Supt. Car Barn C. C. Wells.... "

Power sta. equip. 1 d. c. West, 250 kw. 550

v; 8 a. c. G. E. tot. 2000 kw. 3 ph. 60 cys;

3000 hp. e. Allis-C. Ham., Cor; 900 hp.

b. Mur., Bab. & W; trans. volt. 13,200 v;

trolley volt. 550 v.

Power sta. and repair shop at Center-

ville.

Reaches Glen Hagan Park (owned).

33.34 miles; 4-8½ g; 9 motor pass, 1

trail pass., 2 ftg. and 4 other cars;

2 elec. locos. (Traffic agreements with

Chgo., B. & Q., Chgo., M. & St. P., Chgo.,

R. I. & P., Wabash and Mpls. & St. L.

Railroads.) (Does general ftg. and pwr.

business in Iowa.) ★59

CHARLES CITY. 6,374.

305—Charles City Western Ry. Co.

—Office, Charles City. (Connects

Charles City, Marble Rock, Oakwood,

Nilesville and Colwell.)

Pres. E. M. Sherman.....Charles City

1st V. Pres. & Gen. Mgr.

E. R. Ernberger..... "

2nd V. Pres. F. E. Gates... Marble Rock

Sec. C. H. Parr.....Charles City

Treas. M. W. Ellis..... "

Audr. J. F. Christiansen.... "

Supt. L. J. Smith..... "

M. M., Fred. Frost..... "

Engr. M. of W., H. J. Shattuck .. "

Energy purchased from Cedar Valley

Elec. Co. 1200 v. d. c.

24.33 miles; 4-8½ g; 5 motor and

2 other cars. (Company handles freight.)

★59

CLINTON. 26,091 (1915).

(See also No. 309)

306—Clinton St. Ry. Co.—Office,

Clinton. (Controls Sixth Avenue and

Eagle Point Lines. Connects Clinton and Lyons.)
 Pres. C. H. Yeung.....Clinton
 V. Pres. R. C. Langan....."
 Sec. A. L. Schuyler....."
 Treas. C. C. Coan....."
 Supt. & Pur. Agt. B. Bohanson...."
 Energy purchased from Clinton Gas & Elec. Co.
 Repair shop at Randolph & 6th Sts.
 Owns Eagle Point Park.
 18 miles; 4-8½ g; 82 cars. (Company furnishes energy for stationary motors.) 118

COLFAX. 2,607.
 (See also No. 313.)

307—Colfax Springs Ry.—Office, Colfax. (Extends from Depot in Colfax to Hotel Colfax.)
 Pres. & Treas. Jas. P. Donahue....Colfax
 V. Pres. & Sec. E. S. H. Donahue..."
 Power sta. and repair shops at Hotel Colfax; trolley volt. 500 v.
 1 mile; 4-8½ g; 3 cars. 118

COUNCIL BLUFFS. 31,354 (1915)
 (See also No. 564.)

308—Omaha & Council Bluffs Ry. & Bridge Co.—(Leased to the Omaha & Council Bluffs St. Ry. Co., Omaha, Neb.)
 Pres. Geo. S. Wright.....Council Bluffs
 V. Pres. G. W. Wattles....Omaha, Neb.
 Sec. Chas. T. Stewart.....Council Bluffs
 Treas. J. P. Greenfields..."
 Power supplied from Omaha by lessee.
 Reaches Lake Manawa Park.
 84 miles; 4-8½ g; 38 motor and 15 other cars. 118

• DAVENPORT. 48,483 (1915).
 (See also Nos. 242 and 487.)

309—Clinton, Davenport & Muscatine Ry. Co.—Office, 125-7 W. 3d St. (Connects Clinton, Shaffton, Princeton, LeClaire, Pleasant Valley, Bettendorf, Davenport, Blue Grass, Pleasant Prairie, Sweetland Centre and Muscatine and owns the local lines in Muscatine.) (Controlled by the Tri-City Ry. & Lt. Co.)
 Pres. B. J. Denman.....Davenport
 V. Pres. & Gen. Mgr. J. G. Huntoon....."
 Sec. H. E. Littig....."
 Treas. H. E. Weeks....."
 Asst. to Gen. Mgr. & Traffic Mgr. Clark G. Anderson....."
 Gen. Supt. C. F. Dege....."
 Claim Agt. Martin Marcussen....."
 Pur. Agt. Geo. G. Kuhn....."
 Supt. (Muscatine Local Lines) W. D. Schuyler.....Muscatine
 M. M. Jno. Sutherland.....Davenport
 Roadmaster, W. W. Prater...."
 Energy purchased from power dept. of the Tri-City Ry. & Lt. Co.
 Repair shops at Clinton.

CLINTON DIV.
 Trans. volt. 13,000 v; trolley volt. 600 v.
 Sub-stas. at Bettendorf, Pleasant Valley, Princeton and Clinton
 38 miles (interurban); 4-8½ g; 4 passenger and 3 trail cars, 1 ft. motor car, 1 ft. trailer and 1 elec. loco.

MUSCATINE DIV.
 Trans. volt. 33,000 v; trolley volt. 600-1200 v.
 Sub-stas. Front and Oak Sts., Muscatine, with steam reserve, and Carrollton St., Davenport.
 35 miles (city lines 10, interurban 25); 4-8½ g; 18 motor, 5 trail (city service) and 10 other cars (interurban service).
 (On division from Clinton to Davenport company does a transmission line business, selling energy for light and power to towns and farmers.) 59

310—Tri-City Ry. Co. of Iowa.—Office, 125-127 West 3rd St., Davenport. (Connects Davenport, Rockingham and Bettendorf.) (Controlled by the Tri-City Ry. & Lt. Co.)
 Pres. B. J. Denman.....Davenport
 V. Pres. & Gen. Mgr. J. G. Huntoon....."
 Sec. H. E. Littig....."
 Treas. H. E. Weeks....."
 Asst. Gen. Mgr. T. C. Roderick....."
 Claim Agt. Martin Marcussen....."
 Pur. Agt. Geo. G. Kuhn....."
 M. M. John Sutherland....."

Energy purchased from Tri City Ry. & Lt. Co. (Pwr. Dept.); trans. volt. 4400 v; trolley volt. 550 v.
 Repair shops at Davenport.
 47.84 miles; 4-8½ g; 95 cars 69

311—Tri-City Ry. & Lt. Co.—Offices, Hartford, Conn., and Davenport. (98½% of common stock is owned by United Lt. & Rys. Co., Grand Rapids, Mich.) (Owns stocks and bonds of Tri-City Ry. Co. of Iowa, Tri-City Ry. Co. of Illinois, Moline, Rock Island & Eastern Trac. Co., People's Pwr. Co. (Moline and Rock Island), Moline-Rock Island Mfg. Co., People's Lt. Co. (Davenport), Clinton, Davenport & Muscatine Ry. Co., Muscatine Ltg. Co. (Muscatine and contiguous territory), Iowa City Lt. & Pwr. Co. and Watch Tower & Campbell's Is. Park Co. Railway lines connect Davenport, Rockingham, Bettendorf, Clinton, Shaffton, Princeton, LeClaire, Pleasant Valley, Bettendorf, Davenport, Blue Grass, Pleasant Prairie, Sweetland Center and Muscatine, Iowa; own city lines in Muscatine; Rock Island, Moline, Sears, Milan, Watertown, E. Moline, Silvia, Campbell's Island and Moline, Illinois; electricity is served, in addition to the above towns, to Walcott, Stockton, Durant, Blue Grass, Iowa City and Coralville, Ia.; Carbon Cliff, Hampton, Rapids City and Port Byron, Ill.)
 Pres. B. J. Denman.....Davenport

{ R. Schaddelee, Grand Rapids, Mich.
 V. Prests. { H. R. Tobey, 49 Wall St., New York, N. Y.
 Asst. Treas. H. E. Weeks....Davenport
 Sec. H. E. Littig....."
 Asst. { E. W. Niver, 49 Wall St., New York, N. Y.
 Secs. { L.H. Heinke, Grand Rapids, Mich.
 Treas. Frank T. Hulswit... " " 69

DES MOINES. 105,652 (191)

312—Des Moines City Ry. Co.—Office, Flynn Bldg.
 Pres. Emil G. Schmidt.....Des Moines
 V. Prests. { W. H. McHenry..."
 { M. H. McLean, Harris Tr. & Svgs. Co....Chicago, Ill.
 Sec. & Audr. O. H. Bernd....Des Moines
 Treas. & Pur. Agt. F. M. Harris..."
 Supt. L. L. Sloss....."
 Claim Agt. D. M. Finch....."
 Elec. Engr., Engr. Ovhd. Constr. & M.M., F. C. Chambers.....E. 4th & Maple Sts. Des Moines
 Engr. Power Sta. D. S. Fisher..."
 Engr. M. of W., W. L. Wilson
 Power sta. equip. 1 d. c. G. E. 1000 kw; 4 a. c. turbo gen. G. E. tot. 16,250 kva. 4400 v. 3 ph. 25 cys: 1500 hp. e. Fulton: 4000 hp. b. B. & W: 16,250 kw. stm. turb. G. E.; trans. volt. 4400 v; trolley volt. 600.
 9 sub-stas., (8 with auto. control. tot.) cap. 4750 kw; 9 rot. conv.
 Power sta. and repair shop at East 4th & Maple Sts.
 Reaches Riverview Park.

85 miles; 4-8½ g; 157 motor pass. and 17 other motor cars. ★59

313—Inter-Urban Ry. Co.—Office, Flynn Bldg. (Connects Des Moines, Colfax, Altoona, Mitchellville, Woodward, Perry, Gardiner, Herrold, Moran, Granger, Ft. Des Moines and Camp Dodge.)

Pres. Emil G. Schmidt Des Moines

V. Prests. } W. H. McHenry... " }
 M. H. McLean, Harris Tr. & Svgs. Co. Chicago, Ill.

Sec. & Audr. O. H. Berpd. Des Moines

Treas. & Pur. Agt. F. M. Harris " "

Gen. Mgr. William Clapper... " "

Supt. C. T. Baker..... " "

Claim Agt. D. M. Finch..... " "

Ch. Engr. & Engr. Maint. of Way, W. L. Wilson..... " "

Elec. Engr., Engr. Ovhd. Constr. & M. M. F. C. Chambers.... " "

Energy purchased from Des Moines City Ry.; trans. volt. 22,000 v; trolley volt 650 v.

8 sub-stas. (4 with auto. control), tot. cap. 2800 kw; 8 rot. conv.

Repair shop at E. 4th & Maple Sta., Des Moines.

74 miles; 4-8½ g; 19 motor and 124 other cars. (Company lights parks and sells energy to Gibson Elec. Co., for Altoona, Mitchellville, Granger and Grimes. Co. furnishes fgt. & pass. transp. to Camp Dodge.) ★59

DUBUQUE. 41,795 (1915).

314—Dubuque Elec. Co.—Gen. of- fice, Fifth and Iowa Sts. (Successor to Union Elec. Co.) (Owned and operated by Union Utilities Co., which is owned by Elston & Co., Chicago, Ill.)

Pres. I. C. Elston, Jr. Chicago, Ill.

V. Prests. } C. L. Ayling.. Boston, Mass. }
 H. B. Maynard..... Waterloo

Sec. H. B. Hurd..... Chicago, Ill.

Treas. A. C. Allyn..... " "

Andr. Miss M. E. Crabtree Dubuque

Gen. Mgr. & Pur. Agt. O. H. Simonds..... " "

Supt. A. H. Smith..... " "

Elec. Engr. & Engr. Ovhd. Constr. H. G. Gorr..... " "

Ch. Engr. Pwr. Sta., C. L. Sheffield " "

M. M., J. C. Donovan..... " "

Roadmaster, Geo. Yerger..... " "

Power sta. equip. 3 a. c. turbo-gen. G. E. tot. 9500 kw. 2300 v. 8 ph. 60 cys; 2400 hp. b. Bab. & W; trans. volt. 2800-

4000-6600-33,000 v; trolley volt. 500 v.

Power station at 8th St.; repair shops at Conler Ave.

Owns and reaches Union Park, 83 acres, and Nutwood Park, 78 acres.

20.7 miles; 4-8½ g; 50 motor and 46 other cars. (Company furnishes energy or lighting and power.) 59

FORT DODGE. 19,872 (1915).

(See No. 298.)

FORT MADISON. 9,507.

315—Fort Madison St. Ry. Co.— Office, Santa Fe Ave. (Owned and operated by Mississippi Valley Elec. Co.

Pres. & Gen. Mgr., J. O. Schulze, Iowa City

V. Pres. & Treas., J. H. Rohret " "

Sec. F. N. Sueppel..... " "

Supt. Joseph Negus..... Ft. Madison

M. M., Harold D. Emdia..... " "

Power rented from Ft. Madison Elec

Lt. Co.; trolley volt. 550 v.

4 miles; 4-8½ g; 10 cars. 118

HAMILTON. 891.

(See No. 318.)

HITEMAN. 1,200.

(See No. 297.)

IOWA CITY. 12,033.

(See No. 302.)

316—Mississippi Valley Electric Co.—Office, Commercial Savings Bank Bldg., Iowa City. (Operates in Iowa City; also owns and operates Mankato (Minn.) Elec. Trac. Co. (5.3 miles) and Ft. Madison (Iowa) St. Ry. Co. (4 miles).

Pres., Gen. Mgr. & Pur. Agt. J. O. Schulze..... Iowa City

V. Pres. & Treas. J. H. Rohret. " "

Sec. F. N. Sueppel..... " "

M. M., P. E. Potter..... " "

Energy purchased from Iowa Ry. & Lt. Co.; trolley volt. 550 v.

6.9 miles; 4-8½ g; 9 motor cars, 1 other car. 118

KEOKUK. 15,239.

317—Central Mississippi Valley Elec. Properties.—(Formed in Ill. by a Trust Agreement, under which there is deposited the entire capital stock of Ft. Madison Elec. Co. and Dallas City Lt. Co. and all the capital stock of Keokuk Elec. Co., except \$250,000 preferred stock. These companies do the entire gas, elec. ry. & pwr. business in Keokuk, Ia., the entire elec. ltg. & pwr. business in Ft. Madison and Montrose, Ia., and Dallas City, Ill., and the entire elec. ry. and elec. ltg. business in Hamilton and Warsaw, Ill.; also operate an interurban elec. ry. between Keokuk, Hamilton and Warsaw.)

Pres. Geo. Higginson, Jr. Chicago, Ill.

V. Pres. Harry T. Edgar .. Boston, Mass.

Sec. Jos. L. Valentine..... Chicago, Ill.

Asst. Sec. Guy L. Weymouth, Boston, Mass.

Treas. Henry B. Sawyer.... " "

Gen. Mgrs. Stone & Webster " "

Mgr. (Keokuk Elec. Co.) J. P. Ingle..... Keokuk

Mgr. (Ft. Madison Elec. Co. & Dallas City Lt. Co.) P. I. Robinson..... Ft. Madison

★29†

318—Keokuk Elec. Co.—Office, 800 Main St. (Consolidation of Keokuk Elec. Ry. & Pwr. Co., Keokuk & West

ern Ill. Elec. Co. and Keokuk Gas & Elec. Co.) (This company does the entire, elec. ltg., pwr. and gas business of Keokuk. The entire elec. and elec. ltg. business in Hamilton and Warsaw, Ill., and elec. ltg. and pwr. business in Montrose, Ia. also operates an interurban elec. ry. between Keokuk, Hamilton and Warsaw.)

Pres. Harry T. Edgar, 147 Milk St., Boston, Mass.

V. Pres. Geo. Higginson, Jr. 604 First Nat'l Bk. Bldg., Chicago, Ill.

Asst. Sec., Guy L. Weymouth, Boston, Mass.

Treas. H. B. Sawyer..... " "

Asst. Treas. A. L. Berryman.... Keokuk

Gen. Mgrs. Stone & Webster..... Boston, Mass

Mgr. J. P. Ingle..... Keokuk

Supt. A. C. Anderson..... " "

Energy purchased from Mississippi River Power Co.; 10 a. c. transformers G. E. Westg. tot. 2116 kw. 11000 v. 8 ph. 25 cys; 2 d. c. rotary conv. Westg. tot. 600 kw; trans. volt. 11000 v; trolley volt. 500 v.

8 sub-stas. tot. cap. 3044 kw.

Repair shop at 19th & Bank Sts.

14.13 miles (trackage 6.14); 4-8½ g; 18 motor and 3 other cars. ★29

MARBLE ROCK. 480.

(See No. 305.)

MARION. 4,400.

(See No. 301.)

MARSHALLTOWN. 16,065 (1915)

319—Iowa Ry. & Lt. Co.—Office, 119 East Main St. See Cedar Rapids for general officers.

Local Mgr.

Charles Munson.....Marshalltown
Supt. Transp. Roy Cummings “
Ch. Engr. Pwr. Sta., C. E. Green “

Power sta. equip. 2 d. c. Westg, G. E. tot. 400 kw; 3 a. c. West. tot. 350 kw. 2300 v. 3 ph. 60 cys; 575 hp. e. St. Louis; 1200 kw. e. Fulton Cor.; 1800 hp. b. Edge. Lyons; 2375 kva. stm. turb. Westg; trolley volt. 550 v.

Power sta. at East Nevada St.; repair shop at 226 S. 3d Ave.

Reaches City Park.

6.4 miles; 4-8½ g; 8 mo. pass. and 5 trail pass. cars. (Company furnishes ltg.)

★59

MASON CITY. 17,152 (1915).

320—Mason City & Clear Lake R.R. Co.—Office, 14 First St., N. W. (Controlled by the United Lt. & Rys. Co., Grand Rapids, Mich.) (Connects Mason City, Clear Lake Jct., Emery, and Clear Lake.)

Pres.

R. Schaddelee... Grand Rapids, Mich.

1st V. Pres. W. E. Brice... Mason City

2d V. Pres. C. H. McNider... “

3d V. Pres. & Asst. Treas.

C. M. Hurd... Grand Rapids, Mich.

Sec. & Gen. Mgr. F. J. Hanlon, Mason City

Treas. & Asst. Sec.

L. H. Heinke... Grand Rapids, Mich.

Audr. F. E. Wells... Mason City

Supt. J. H. Siessger... “

M. M., Frank Johnson... “

Energy purchased from People's Gas & Elec. Co.; 1 a. c. G. E. 1000 kw. 2300 v. 3 ph. 60 cys; trans. volt. 13,200 v; trolley volt. 600 v.

2 sub-stas. tot. cap. 1000 kw; 2 rot. conv.

Repair shop at Emery.

Reaches Clear Lake Park.

21.5 miles; 4-8½ g; 28 mo. pass., 14 trail pass., 4 fgt. mo., 1 fgt. and 1 other car.

★59

MUSCATINE. 16,178.

(See No. 309.)

OSKALOOSA. 10,485 (1915).

321—Oskaloosa & Buxton Elec. Ry. Co.—Office, 121-123 First Ave., West., Oskaloosa. (Owned and operated by Oskaloosa Trac. & Lt. Co. which see for officers.) (Connects Oskaloosa and Buxton.) (Part of the Illinois Trac. System.)

Energy from Oskaloosa Trac. & Lt. Co.; trolley volt. 550 v.

3.5 miles; 4-8½ g; 2 cars. 69

322—Oskaloosa Trac. & Lt. Co.—Office, 121-123 First Ave., West., Oskaloosa. (Owns and operates Oskaloosa & Buxton Elec. Ry. Co.) (Connects Oskaloosa and Beacon.) (Part of Illinois Trac. System.)

Pres. Wm. B. McKinley, Champaign, Ill.

V. Pres. Exec. H. E. Chubbuck, Peoria, Ill.

V. Pres. & Treas.

Geo. M. Mattis... Champaign, Ill.

Sec. W. H. Carnahan... “

Audr. B. E. Bramble... “

Gen. Supt. J. H. Porter... “

Mer., Claim, Gen. Fgt. Pass. & Pur. Agt. J. H. Porter... Oskaloosa

Ch. Engr. Pwr. Sta. A. W. Spence “

M. M. C. L. Stoler... “

Engr. Ovhd. Constr. & Elec. Engr.

F. W. Magdsick... “

Power sta. equip. 3 d. c. G. E. tot. 450 kw; 3 a. c. G. E. West. tot. 810 kw. 2300 v. 3 ph. 60 cys; 1950 hp. e. Bckye, Allis-C. Mur; 1600 hp. b. Bab. & W., Sterling; trans. volt. 11,000 v; trolley volt. 550 v.

Power sta. and repair shops at 6th & A Sts., Oskaloosa.

9 miles; 4-8½ g; 9 motor pass. 2 trail pass. and 3 other motor cars; 1 other car. (Company furnishes energy for lighting and power in Oskaloosa, Town of Beacon, New Sharon and Montezuma.)

69

OTTUMWA. 25,000 (1917).

323—Ottumwa Ry. & Light Co.—Office, 205 E. Second St. (Controlled through stock ownership by Standard Gas & Elec. Co., and operated by H. M. Byllesby & Co., Chicago, Ill.)

Pres. A. S. Huey... Chicago, Ill.

1st V. Pres. H. M. Byllesby... “

2d V. Pres. F. C. Gordon... “

Sec. R. J. Graf... “

Treas. J. J. O'Brien... “

Audr. J. F. Canfield... Ottumwa

Gen. Mgr. Chas. E. Fahrney... “

Supt. Ry. F. Isaacson... “

Elec. Engr. W. D. Farrell... “

Ch. Engr. Pwr. Sta., H. T. Yust... “

M. M., F. Weirsmith... “

Roadmaster, H. H. Ramsey... “

Power sta. equip. 2 d. c. W. E. tot. 700 kw; 5 a. c. W. E. tot. 2350 kw. 3 ph. 60 cys; 2500 hp. e. Fulton, G. E. Skinner, Allis-C, Ham, Ball; 1830 hp. b. Stir; trans. volt. 33,000 v; trolley volt. 550 v.

Power sta. and repair shop at Ottumwa. 13 miles; 4-8½ g; 27 mo. pass., 11 trail pass., 1 sweeper and 3 work cars. (Company does lighting, power and steam heating business.)

★59

PERRY. 5,455.

(See No. 313.)

SIoux CITY. 61,774 (1915).

325—Sioux City Service Co.—Office, 414-416 Fifth St. and 3rd & Water Sts.

Pres. R. J. Dunham,

203 S. La Salle St., Chicago, Ill.

V. Pres. H. A. Chetham,

Union Stock Yards, “ “

Sec. & Treas. J. Henry Ricker..Sioux City

Audr. E. V. Groff... “

Gen. & Park Mgr. E. L. Kirk... “

Supt. H. M. Benson... “

Supt. Ht., L. R. Crawford... “

Supt. Lt. & Pwr. C. E. Murphy... “

Pur. Agt. H. B. Gregory... “

Ch. Engr. Pwr. Sta. M. W. Lake... “

M. M., C. M. Feist... “

Roadmaster, Jno. Ward... “

Power sta. equip. 3 d. c. Westg, G. E. tot. 2800 kw; 2 a. c. Allis-C tot. 8000 kva. 2300 v. 3 ph. 60 cys; 4200 hp. e. Allis-C. Fulton; 6400 kw. stm. turb. Allis-C. trolley volt. 550 v.

Power sta. and repair shop at Water St. between 2d & 3d Sts.

Controls Riverside Park.

53 miles; 4-8½ g; 73 motor and 85 other cars. (Co. does lighting and power business.)

★59

TOLEDO. 1,721.

326—Iowa Ry. & Lt. Co.—Office, Toledo. See Cedar Rapids.

Local Mgr. J. P. Walters... Toledo

Power sta. equip. 1 mo. gen. set G. E. 125 kw; 1 a. c. West. 75 kw. 2300 v. 3 ph. 60 cys; 325 hp. e. Ideal, Ball; 400 hp. b. Frost & Hillman; trolley volt. 600 v.

Owns Base Ball Park and reaches Chautauqua Park.

3 miles; 4-8½ g; 4 mo. pass., 1 fgt. mo. and 11 other cars.

★59

WATERLOO. 33,097 (1915).

327—Waterloo, Cedar Falls & Northern Ry. Co.—Office, Waterloo. (Connects Waterloo, Cedar Rapids, Cedar Falls, Waverly, Center Point, La Porte City, Denver, Gilbertville, Brandon, Urbana, Farmer, La Fayette, and Robins.)

Pres. L. S. Cass..... Waterloo
 V. Pres. J. F. Cass..... "
 Sec. F. E. Farwell..... "
 Treas. & Audr. W. H. Burk.... "
 Gen. Mgr. C. D. Cass..... "
 Supt. M. A. Welsh..... "
 Gen. Fgt. & Pass. Agt.
 C. M. Cheney..... "
 Pur. Agt. F. McDonald..... "
 Acting Ch. Engr. C. F. Reaney. "
 M. M., W. G. Lamb..... "
 Supt. Ovhd. Lines A. I. Woodring "
 Power sta. equip. 3 a. c. turbo. gen. Allis-C. tot. 45000 kva. 2300 v. 3 ph. 25 cys; 3000 hp. b. Bab. & W; 4500 kw. stm. turb. Allis-C; trans. volt. 44,000 v; trolley volt. 650-1300 v.
 9 sub-stas. tot cap. 7250 kw; 12 rot. conv. Power sta. and repair shops at Waterloo Reaches Electric Park.
 135 miles; 4-8½ g; 235 cars; 9 elec. locos. (Furnishes energy for lighting and power.) ★69

KANSAS.**ATCHISON. 16,429.**

328—Atchison Ry., Lt. & Pwr. Co.—Office, 427 Commercial St. (Part of Illinois Traction System.)

Pres. Wm. B. McKinley... Champaign, Ill.
 V. Pres. Ex. H. E. Chubbuck. Peoria, Ill.
 V. Pres. Geo. M. Mattis.. Champaign, Ill.
 Sec. T. B. Macanlay..... Montreal, Can.
 Treas. Geo. R. McComb.... Champaign, Ill
 Audr. F. J. Larsh..... Topeka
 Asst. Gen. Mgr. A. M. Patten.... "
 Gen. Supt. J. W. Waggener..... Atchison
 Pur. Agt. H. J. Vance..... Peoria, Ill.
 Ch. Engr. Pwr. Sta.
 H. F. Bryant..... Atchison
 Power sta. equip. 4 d. c. G. E., West. tot. 800 kw; 4 a. c. G. E., West. tot. 1100 kw. 3 ph. 60 cys; 1800 hp. e. Wms., S. C., Ham; 1600 hp. b. Frmn., Spgf., Heine; 500 kw. stm. turb. G. E; trolley volt. 575 v.
 Power sta. and repair shop at Atchison. Reaches Jackson Park and Reisner Park and controls Forest Park, 55 acres.
 9.84 miles; 4-8½ g; 15 mo. pass. and 1 other car; 1 snow sweeper. (Company furnishes power and light.) ★69

BONNER SPRINGS. 1,541.

329—Kansas City, Kaw Valley & Western Ry. Co.—Office, Bonner Springs. (Connects Kansas City, Edwardsville, Bonner Springs, Linwood and Lawrence; will extend to Topeka.)

Pres. K. D. Klemm
 1012 Commerce Bldg., Kansas City, Mo.
 V. Pres., Gen. Mgr. & Pur. Agt.
 W. R. Taylor, 919 Baltimore Ave., Kansas City, Mo.
 Sec. & Treas. E. S. Bigelow
 919 Baltimore Ave., "
 Traffic Mgr. J. D. Cornell
 919 Baltimore Av., "
 Ch. Engr. J. L. Moss..... Bonner Springs
 Energy purchased from Munic. Plant in Kansas City, Kans.
 Repair shop at Bonner Springs.
 70 miles projected; 40 miles in operation; 4-8½ g; 9 motor pass., 5 other motor and 10 other cars; 2 elec. locos. ★59

COFFEYVILLE. 15,228 (1915).

(See also No. 347.)

330—The Union Traction Co.—Office, Coffeyville. (Operates in Coffeyville and Independence, and inter-urban lines between Coffeyville, Independence, Cherryvale and Parsons, and Coffeyville and Nowata, Okla.)

Pres. & Gen. Mgr.
 D. H. Siggins..... Coffeyville
 V. Pres.
 Willis B. Priestley... Bartlesville, Okla.
 Sec. H. A. Siggins..... Warren, Pa.
 Treas. S. Q. Smith..... "
 Supt. John Yates..... Coffeyville
 Elec. Engr. L. L. Francis. Independence
 Engr. Pwr. Sta., Earl Pagett "
 M. M., S. P. Armstrong..... Coffeyville
 Power sta. equip. 4 a. c. West. tot. 1700 kw. 380 v. 5 ph. 25 cys; 2600 hp. e. (gas). West; trans. volt. 22,000 v; trolley volt. 650 v. Will purchase energy from Kansas Gas & Elec. Co. for operation of system from Parsons, Kans. to Nowata, Okla.
 Power sta. at Independence; repair shops at Coffeyville.
 Reaches Silurian Springs and Forest Park.
 86.50 miles; 4-8½ g; 27 motor and 12 other cars. (Co. does some ltg. in Delaware and Lenapah, Okla.) 128

COTTONWOOD FALLS. 899.

(See No. 343.)

EMPORIA. 10,664 (1915).

331—The Kansas Electric Utilities Co. (Emporia Div.)—Home Office, 61 Broadway, New York, N. Y.

Pres., Albert Emanuel.. New York, N. Y.
 Treas. C. B. Zeigler..... "
 Local Mgr. M. Dun-worth..... Emporia
 Ch. Engr. Pwr. Sta. Fred. Brown "
 Shop Foreman W. Hensley..... "
 Pwr. sta. equip. 3 a. c. G. E., Allis-C. tot. 1010 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Erie City. Allis-C, Bckye; 1200 hp. b. Bab & W, R. & F; 500 hp. stm. turb. Allis-C; trolley volt. 600 v.
 Power sta. and repair shop at Emporia. Reaches amusement park.
 5 miles; 4-8½ g; 5 motor and 4 trail cars. 59

HUTCHINSON. 23,000 (1918).

(See also No. 345.)

333—The Hutchinson Inter-Urban Ry. Co.—Office, 803 N. Main St., Hutchinson.

Pres. Emerson Carey..... Hutchinson
 V. Pres. L. A. Bunker..... "
 Sec. J. Lee Dick..... "
 Treas. Howard J. Carey..... "
 Gen. Mgr. & Pur. Agt.
 James E. Humbert..... "
 Roadmaster R. S. Murray..... "
 Engr. Ovhd. Constr.
 Don Baumhart..... "
 Energy purchased from The United Wtr., Gas & Elec. Co.; trolley volt. 575 v.
 Repair shop at rear of 803 N. Main St.
 Reaches Riverside Park. State Fair Grounds, Stevens Park and Swimming Pools.
 14 miles; 4-8½ g; 19 motor and 7 other cars. 118

INDEPENDENCE. 12,144.

(See No. 330.)

IOLA. 9,032.

334—Iola Elec. R. R. Co.—Office, Iola. (Connects Iola, Gas City, La Harpe, and Bassett.)
 Recvr. ————

Pres. Geo. W. Baumhoff
 R.F.D. No. 18, Kirkwood, Mo.
V. Pres., Gen. Mgr.,
 Claim & Pur. Agt. **L. E. Lanigan**...Iola
Sec. C. B. Spencer..... "
Treas. Thos. H. Bowlius..... "
Ch. Engr. Pwr. Sta. A. G. Paugh.... "
M. M. Geo. S. Thornton..... "
Roadmaster, Wm. McFarland..... "
 Power sta. equip. 3 d. c. Walker, West.
 tot. 500 kw; 690 hp. e. Rus. Ridg; 300 hp.
 b. Heine; trolley volt 550 to 600 v.
 Power sta. and repair shop, 2 miles
 east of city at Rock Creek (no P. O.).
 Reaches parks in Iola, Gas City and La
 Harpe owned by company.
 10.5 miles; 4-8½ g; 7 motor and 2 other
 cars. (Co. does lgt. in Gas City and La
 Harpe and furnishes energy for motors
 and fans.) ★19†

JUNCTION CITY. 5,798.

335—Union Light & Power Co.—
 Office, Junction City. (Connects Junc-
 tion City and Ft. Riley.)
Pres. F. E. Tyler
 Scarritt Bldg., Kansas City, Mo.
V. Pres. & Sec.
R. O. Thomen.....Junction City
Treas. & Gen. Supt.
W. A. Scothorn..... " "
Ch. Engr. Pwr. Sta.
Fred. Lestrog..... " "
M. M., W. D. Pearce..... " "
 Power sta. equip. 1 d. c. West. 200 kw; 3
 a. c. Westg. Allis-C. tot. 2450 kw. 2300 v.
 3 ph. 60 cys; 1500 hp. e. Strait; 1280 hp. b.
 Kew Spgr. Bonus-Kenn; 750 kw. turb.
 (stm.) Allis-C; trans. volt. 33,000 v; trolley
 volt. 600 v.
 1 sub-sta. cap. 300 kw.
 Power sta. and repair shops at Junction
 City.
 5.5 miles; 4-8½ g; 11 motor cars and 1
 other car. (Company does a general light-
 ing business.) 59

337—The Kansas City-Western Ry.
 Co.—Office, 303 Delaware St., Leaven-
 worth, Kans. (Operates suburban and
 Leavenworth city lines.) (Connects
 Kansas City, Kan., Kansas City, Mo.,
 Walcott, Lansing and Leavenworth.)
Pres. & Gen. Mgr.
C. F. Holmes..... Kansas City, Mo.
 1st V. Pres. **W. H. Holmes** " " "
 2nd V. Pres.
H. Langworthy..... " " "
Sec. & Audr.
E. V. Henderson..... Leavenworth
Treas. McCabe Moore... Kansas City, Mo.
Asst. Gen. Mgr. Chas. D. Bell " " "
Supt. Jno. Martin..... " " "
Claim Agt., & Pur. Agt.
J. M. Sheahan..... Leavenworth
Elec. Engr. John Hull..... "
Engr. M. of W.
A. C. Curteman..... "
 Energy purchased from The Kansas
 City Rys. Co., Kansas City, Mo.; trans.
 volt. 33,000 v; trolley volt. 600 v.
 3 sub-stas. tot. cap 1500 kw; 6 rot. conv.
 Sub-stas. at Chelsea, Walcott and
 Leavenworth; repair shops at Walcott.
 45 miles; 4-8½ g; 42 mo. pass, 2 fct.
 mo., 10 fgt., without mo. and 5 service
 cars. ★69

LAWRENCE. 12,884.

338—The Kansas Electric Utilities
 Co.—(Lawrence Div.) Home office,
 61 Broadway, New York, N. Y. (Suc-
 cessor to Parsons Ry. & Lt. Co. Em-
 poria Ry. & Lt. Co. and Lawrence Ry.
 & Lt. Co.) (Owns all capital stock of
 Sidney (O.) Elec. Co., Union City (Ind.)
 Elec. Co. and United Ltg. Co., of
 Albion, Pa. Operated by the Albert
 Emanuel Co., New York, N. Y.)

Pres. & Gen. Mgr.
Albert Emanuel.....New York, N. Y.
V. Pres. Irving Hill.....Lawrence
Sec. R. F. Rice..... "
Treas. & Pur. Agt.
C. B. Zeigler.....New York, N. Y.
Mgrs. { J. T. Skinner..... Lawrence
{ T. T. Parker..... Emporia
{ W. T. Neligh..... Parson
LAWRENCE DIV:
 Energy purchased from Bowersock
 Mills & Pwr. Co.; trolley volt. 600 v.
 Reaches and controls Woodland Park.
 10 miles; 4-8½ g; 14" motor, 3 trail. and
 1 work car. (Company does general
 lighting and power business.) ★59

LEAVENWORTH. 22,090.

(See No. 337.)

MANHATTAN. 7,000 (1917).

339—Manhattan City & Interur-
ban Ry. Co.—Office, 216 Yuma St.
 (Connects Manhattan and Fort Riley.)
Pres. W. R. West.....Manhattan
V. Pres. I.H. Hershey.....Olathe
Sec. W. L. Rude.....Manhattan
Treas., Gen. Mgr. & Pur.
Agt. Jos. T. West..... "
Ch. Engr. & Engr. Pwr. Sta.
T. S. Waller..... "
M. M., J. J. Lamont..... "
 Power sta. equip. 1 d. c. Elec. Mchy. 200
 kw; 3 rot. conv. West. tot. 600 kw; 250
 hp. e. Minpl; 250 hp. b. Bros; trolley volt.
 600 v.
 Power sta. and repair shops at Man-
 hattan.
 Reaches Eureka Electric Park.
 20 miles; 4-8½ g; 8 interurban motor
 pass., 4 city motor pass., 2 trail. and 2
 other cars. 118

OAKLAND. 1,651.

(See No. 344.)

PARSONS, 12,463.

340—The Kansas Electric Utilities
 Co. (Parsons Div.)—For general offi-
 cers see Lawrence.
Supt. J. E. Webb.....Parsons
Gen. Mgr. W. T. Neligh..... "
Ch. Engr. Pwr. Sta. D. H. Tucker "
Roadmaster, C. E. Klag..... "
 Power sta. equip. 1 d. c. Allis-C. 200 kw;
 3 a.c. Allis-C tot. 1100 kw. 2200 v. 3 ph. 60
 cys; 1600 hp. e. (stm. & gas) Twin City
 Cpr, Cor, Allis-C; 500 hp. b. English;
 trolley volt. 550 v.
 Pwr. sta. and repair shops at Parsons.
 7.5 miles; 4-8½ g; 11 motor cars. (Install-
 ing frequency changer set 1000 kva. mo.
 gen. 6600 v. 25 cys; 2300 v. 60 cys.) 59

PITTSBURG. 17,685. (1915).

341—Joplin & Pittsburg Ry. Co.—
 Office, First Nat. Bank Bldg., Kansas
 City, Mo. and Pittsburg, Kan. (Ac-
 quired and consolidated the Pittsburg
 & Kansas City Ry., the Girard
 Belt Elec. Ry. Co. and the Pittsburg
 Ry. & Lt. Co.) (Connects From
 Pittsburg, Chicopee, Fleming, Weir
 City, Scammon, Columbus, W. Amherst,
 Kniveton, Radley, Dunkirk, Frank-
 lin, Girard, Croweburg, Arma, Mal-
 berry and Cherokee in Kansas, and Jop-
 lin, Chitwood, Carl Jct., Waco and
 Asbury in Missouri.)
Pres. J. J. Helm..... Kansas City, Mo.
V. Prests. { J. W. Ground " "
{ O. C. Snider " "
Sec. & Treas.
Jno. A. Prescott..... " "
Audr. E. S. Bigelow..... " "
Traffic Mgr. J. D. Cornell " "

Gen. Mgr. & Pur. Agt.
 Wm. A. Satterlee.....Pittsburg
Supt. & Claim Agt. Jno. Fennimore "
Roadmaster, John Cotter..... "
 5 sub-stas. (3 with auto control) tot.
 cap. 2,600 kw; 8 rot. conv.
 Power stas. Pittsburg, Scammon and
 Franklin, Kans., and Asbury, Mo., and
 Turkey Creek (No P. O.); energy
 purchased from Spring River Pwr. Co.;
 repair shop at Pittsburg, trans. volt.
 33,000 & 22,000 v; trolley volt. 600 v.
 Reaches Riverside Park and Electric
 Park.
 104.14 miles; 4-8½ g; 52 motor pass.
 6 fgt. mo., 68 fgt. without mo. and
 8 service cars. (Co. sells some pwr.) ★69

ROSEDALE. 7,498.

(See Nos. 336, 536 and 537.)

SALINA. 10,448 (1915).

342—Salina Street Ry. Co.—Office,
Vallette Flats.
Pres.
 H. C. Smither...710 W. Ash St., Salina
V. Pres. Joseph Duncan..... "
Sec., Treas., Gen. Mgr., Claim
& Pur. Agt. W. E. Smither..... "
Engr. Ovhd. Constr. & M. M.
 Oscar Larson..... "
 Energy purchased from The Salina Lt.
 Pwr. & Gas Co.; trolley volt. 575-550 v.
 Reaches park and University; also
 cemetery and country club.
 11 miles; 4-8½ g; 9 motor cars and
 1 other car. 118

STRONG CITY. 1,019 (1914).

343—Consolidated St. Ry. Co.—
Office, Cottonwood Falls. (Connects
Cottonwood Falls and Strong City.)
Recvr.
 Pres. W. C. Harvey.....Strong City
V. Pres. Geo. W. Crum..... "
Sec. W. W. Austin.....Cottonwood Falls
Treas. Mary L. Rockwood "
Gen. Mgr. & Pur. Agt.
 W. F. Rockwood.....Strong City
 2 miles (horse); 3-6 g; 3 cars. (Con-
 templates electrification.) (Road dis-
 mantled 1918.) ★19†

TOPEKA. 46,747 (1915).

344—The Topeka Ry. Co.—Office,
12th and Jackson Sts. (Part of The
Illinois Traction System.) (Connects
Topeka and Oakland.)
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck...Peoria, Ill.
V. Pres., Treas. & Asst. Sec.
 Geo. M. Mattis.....Champaign, Ill.
Sec. E. A. Macnutt.....Montreal, Que.
Audr. F. J. Larsh.....Topeka
Asst. Gen. Mgr. A. M. Patten.... "
Supt. & Claim Agt. H. W. Patten "
Pur. Agt. H. J. Vance.....Peoria, Ill.
M. M., S. S. French.....Topeka
Roadmaster, J. H. McCahan..... "
 Energy purchased from The Topeka
 Edison Co.; trans. volt. 6600 v; trolley volt.
 600 v.
 Repair shops at 12th & Jackson Sts.
 Reaches Garfield and Gage Parks.
 41,233 miles; 4-8½ g; 50 mo. pass., 28
 trail pass., 1 fgt. mo. and 3 service
 cars; 2 snow sweepers. ★69

WICHITA. 80,000.

345—Arkansas Valley Inter-
urban Ry. Co.—Office, 120 W. 1st St.
Wichita. (Connects Wichita, Valley
Center, Sedgwick, Halstead, Newton,
Burrton & Hutchinson.)

Pres. Geo. Theis, Jr
 1031 N. Emporia Ave. Wichita
V. Pres. & Gen. Mgr. Chas. H. Smyth
 1212 Lawrence Ave. Wichita
Sec., Asst. to Pres. & Claim Agt.
 R. B. Campbell 1255 Riverside Drive "
Treas. W. E. Brown.....Augusta
Audr. Chas. Basse "
 230 Chautauqua Ave. Wichita
Pur. Agt. & Supt.
 E. R. Heiny...1031 N. Lawrence Ave. "
Traffic Mgr. F. C. Mayer..... "
M. M., E. R. Vallaner..... "
Engr. M. of W. "
 J. E. Worden...240 Desota St. "
 Energy purchased from Kansas Gas &
 Elec. Co.; 3 d. c. Allis-C., G. E. tot. 800
 kw. 600 v. 3 ph. 25 cys; 6 motor-gen. Allis-
 C., G. E. tot. 800 kw; trans. volt. 66,000 v;
 trolley volt. 600 v.
 3 sub-sta; 3 mo. gen. sets.
 Repair shops at Wichita.
 60.67 miles; 4-8½ g; 12 mo. pass., 3 fgt.
 mo., 2 fgt. without mo. and 8 service
 cars. ★59

346a—Wichita R. R. & Lt. Co.—Of-
ice, So. Main St. (Part of Illinois
Traction System.)
Pres. W. B. McKinley....Champaign, Ill.
V. Pres. Ex. H. E. Chubbuck...Peoria, Ill.
V. Pres. Geo. M. Mattis...Champaign, Ill.
Sec. E. A. Macnutt...Montreal, Que., Can.
Treas. Edw. Woodman....Portland, Me.
Asst. Treas.
 W. H. Carnahan.Champaign, Ill.
Audr. F. J. Larsh.....Topeka
Pur. Agt. H. J. Vance.....Peoria, Ill.
Asst. Gen. Mgr. A. M. Patten....Topeka
Supt. C. R. Lewis.....Wichita
Atty. Harris & Harris..... "
 Energy purchased from Kansas Gas &
 Elec. Co.
 Repair shops at 10th & Wichita Sts.
 Reaches Wonderland Park.
 33.6 miles; 4-8½ g; 66 motor pass., 1 trail
 pass. and 1 service car; 2 snow sweepers.
 ★69

346b—Wichita - Walnut Valley
Interurban Railway.—Office 515
Beacon Bldg. (Pending permission
from the capital Issues Committee to
sell securities.) (Connects Wichita,
Andover, Benton, Augusta, Towanda,
El Dorado, Gordon, Douglass and Win-
field.)
Pres. ———
 1st V. Pres. A. H. Hill.....Wichita
 2nd V. Pres. J. W. Hiatt.....Winfield
Sec. & Audr. T. C. Coffman.....Wichita
Treas. L. S. Naftzger
 So. West St. Bank, "
 66 miles. 59

WINFIELD. 6,700.

347—Southern R. R. Co. (Formerly
Southwestern Interurban Ry. Co.)—
Office, Winfield. (Operates in Winfield
and Arkansas City and connects these
towns.)
Pres. Homer M. Preston...Tulsa, Okla.
V. Pres. W. H. Summermer....Winfield
Sec., & Supt.
 E. Kirkpatrick.....Arkansas City
Gen. Mgr., Pur. Agt., Claim
Agt. & Elec. Eng. F. H. Talbot, Winfield
Gen. Fgt. & Pass. Agt.
 S. H. Grimes.....Arkansas City
Ch. Engr., Pwr. Sta., W. Bigbee, Winfield
M. M., Frank Morse..... "
Engr. M. of W., A. Drummond.. "
Engr. ovhd. Constr. C. Houston.. "
 Power sta. equip. 2 d. c. West. tot. 500
 kw; 2 e. Mur. Cor; 3 b. Mur.
 Power sta. at Hackney; repair shops at
 Winfield.
 25 miles; 4-8½ g; 7 motor pass., 1 fgt.
 motor and 1 service car. ★59

KENTUCKY.

ASHLAND. 9,874.

(See No. 1190.)

BOWLING GREEN. 9,799.

348—Southern Traction Co., Inc.—
(Line operated by receiver since Sept. 30th, 1918.)

Receiver, Will R. Speck.. Bowling Green
Energy purchased from Kentucky Public Service Co.; trans. volt. 2300 v; trolley volt. 559 v.

Repair shop at Delafield (no P. O.).
4.5 miles; 4-8½ g; 6 motor cars and 1 other car. 118

CATLETTSBURG. 3,520

(See No. 1190.)

COVINGTON. 57,144 (1916).

349—Cincinnati, Newport & Covington Lt. & Trac. Co.—General office, Newark, N. J.; branch office, 1st Natl. Bank Bldg., Cincinnati, O. (This is a holding company and owns the stock of Union Light, Heat & Power Co. The Cincinnati, Newport & Covington Ry. Co., which in turn owns the stock of The So. Covington & Cincinnati St. Ry. and other subsidiary lines. All stocks are leased to Columbia Gas & Elec. Co.)

Pres. James M. Hutton... Cincinnati, O.
V. Pres. Louis J. Hauck... " "
Sec. & Treas. G. M. Abbott " " 118

350—The Cincinnati, Newport & Covington Ry. Co. and The South Covington & Cincinnati St. Ry. Co.—(The Cincinnati, Newport & Covington Lt. & Trac. Co. owns the stock of The Cincinnati, Newport & Covington Ry., which in turn owns the stock of The South Covington & Cincinnati St. Ry. Co. and other subsidiary lines operated in conjunction therewith.) (Extension known as Cincinnati, Covington & Erlanger Ry (under construction) completed to Lexington Pike, 6 miles.)

Pres. W. W. Freeman... Covington
V. Pres. W. Y. Cartwright... "
Sec. & Treas. Polk Laffoon... "
Compt. T. F. Wickham... "
Claim } A. M. Bower... "
Agts. } W. D. Ranshaw... "
Pur. Agt.. C. J. Bauer

4th & Plum Sts., Cincinnati, O.
Elec. Engr. C. W. DeForest... Covington
Gen. Supt. Wm. H. Harton, Jr. "
Supt. Transp. P. P. Lillard... "
M. M. Frank W. Wampler... "
Roadmaster. G. K. Rudd... "
Engr. Ovhd. Constr. W. W. Tripp "

Power sta. equip. 5 d. c. Westg. tot. 3300 kw; 4 a. c. G. E. tot. 4100 kw. 4500 v. 3 ph. 60 cys; 10,000 hp. e. Cpr. Bckye, Cleveland; 5000 hp. b. Stir; trans. volt. 2300 v; trolley volt. 550 v. Energy also purchased from The Union Gas & Elec. Co., Cincinnati, O.

Power sta. and repair shop at Newport. Reaches Ludlow Lagoon. Latonia Race Track. Queen City Bathing Beach and Fort Thomas Army Post.

69.42 miles; 5-2½ g; 173 motor and 17 other cars. 59

FRANKFORT. 11,080 (1916).

(See No. 352.)

GEORGETOWN. 4,533.

(See No. 352.)

HENDERSON. 12,192 (1916).

351—Henderson Trac. Co.—Office, 214 Locust St., Evansville, Ind. (Controlled by Evansville & Ohio Valley Ry. Co.)

Pres. J. H. Lyne... Henderson
V. Pres. C. C. Tennis... Pittsburg, Pa.
V. Pres. & Gen. Mgr.

Wm. A. Carson... Evansville, Ind.
Sec. & Treas. C. H. Battin " "
Audr. Geo. W. Wilson... " "
Gen. Supt. G. R. Millican... " "
Supt. of Transp. E. L. Moore... " "
Local Supt. O. S. Graham... Henderson
M. M. Geo. W. Burke... Evansville, Ind.

Energy purchased from municipal plant at Henderson.

Repair shop at 458 S. Main St.
Reaches Atkinson and Base Ball Parks and Fair Grounds.

6 miles; 4-8½ g; 16 cars. ★59

LEXINGTON. 41,097. (1916).

352—Kentucky Traction & Terminal Co.—Office, 156-60 West Main St., Lexington. (Owned by Kentucky Securities Corporation of Phila., Pa.) Cap. Stk. \$2,093,400; bds. \$3,957,000 (Operates interurban lines between Lexington, Versailles, Frankfort, Georgetown, Nicholasville and Paris, and operates city lines in Paris, Frankfort, Winchester and Georgetown.)

Pres. Percy M. Chandler
Franklin Bank Bldg., Philadelphia, Pa.
V. Pres. F. W. Bacon... "

Sec. T. D. Murray... Lexington
Asst. Sec. & Audr. L. F. Rye... "
Treas. J. Will Stoll... "

Actg. Gen. Mgr., Elec. Engr.
Signal Engr. & Eng. Ovhd.
Constr., J. P. Pope... "

Supt. Transp. Henry Bush... "
Claim Agt. Wallace Muir... "
Gen. Fgt. Agt. J. J. Bonfield... "

Ch. Engr. & Park Mgr.
Geo. MacLeod... "

(Production,
Supts. } A. A. Robertson... "
 } Dist. W. Reed... "

M. M., W. G. Stuck... "
Roadmaster, J. H. Kearney... "

Pwr. sta. equip; 3 a. c. G. E., Allis-C. tot. 9000 kw. 2300-4000 v. 3 ph. 60 cys; 3000 hp. b. Edge; 9000 kw. stm. turb. G. E., Allis-C; trans. volt. 33,000 v; trolley volt. 600 v., 6 transf. tot. 30,000 kw., 4000-33 000 v; 2 mo. gen. sets tot. 1500 kw.

7 sub-stas tot. cap. 1900 kw; 5 rot. conv; 3 mo. gen. sets.

Pwr. sta. and repair shops at Lexington. Owns Blue Grass Park.

93.79 miles; 4-8½ g; 70 motor and 13 other cars. ★59

LOUISVILLE. 239,910 (1916).

(See also Nos. 285, 286, 290, 360, 525 and 1070.)

353—Louisville & Interurban R. R. Co.—Office, 316 W. Jefferson St. (Connects Prospect, Jeffersontown, Valley Sta., Fern Creek and Oklona; Louisville, Anchorage, Pewee, Crestwood, La Grange, Middletown, Lakeland, Eastwood, Long Run, Simpsonville, Scott's Sta. and Shelbyville.) (Controlled by Louisville Ry. Co.)

Pres. & Gen. Mgr. T. J. Minary Louisville
1st V. Pres. & Gen. Counsel " "
A. P. Humpbrey... " "

Asst. to Pres. T. H. Minary... " "
Sec. & Treas., Sam'l G. Boyle... " "
Audr. R. A. Watts... " "

Supt., Sam'l Reddle... " "
Gen Fgt. & Pass. Agt.
R. H. Wyatt.. Brook & Liberty Sts., "

Pur. Agt. C. E. Early.....Louisville
Claim Agt., N. W. Funk "
Elec. Engr., & Eng. Ovhd."
Constr., F. H. Miller..... "
A. M., John Zall"
 29th & Garland Sts. "
Roadmaster, H. C. DeVoe..... "
Energy from Campbell St. Plant of the Louisville Ry. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
 Sub-stas. at Marcia, Buckner, Eastwood, Scotts and Jeffersontown.
 101.3 miles; 4-8½ g. (12.3 mi.) & 5g; 42 motor pass., 7 trail pass., 12 fgt. motor, 1 fgt. without motors and 3 service cars. ★59

354—Louisville Ry. Co.—Office, 316 W. Jefferson St. (Controls Louisville & Interurban R. R.)
Pres. & Gen. Mgr. T. J. Minary..Louisville
V. Pres. & Gen. Counsel,
 Intersouthern Bldg. "
Sec., Treas. & Audr.
 Sam'l G Boyle..... "
Pur. Agt. C. E. Early..... "
Claim Agt., Neil W. Funk..... "
Supt. Transpt. Sam'l Riddle... "
Asst. to Mgr., T. H. Minary,... "
 Mo. Pwr., F. H. Miller "
 Way & Struct,
 C. L. Christopher, "
 18th & Walnut Sts. "
Supts. Power Plants,
 H. W. Wischmeyer "
 Campbell & Jacob Sts. "
 Wirework
 C. O. Seaton..... "
Asst. Supt. of Way & Struct.
 N. C. DeVoe..... "
M. M., John Zoll."
 29th & Garland Aves. "

Power sta. equip. 5 d. c. G. E. tot. 4800 kw; 6 a. c. Westg. tot. 21,800 kw. 13,200 v. 3 ph. 25 cys; 11,250 hp. e. Allis-C; 18,000 hp. b. Bab. & W; 13,500 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 600 v. d. c.
Power stas. at Campbell & Jacob Sts. and 2005 High St.; repair shops at 29th & Broadway.
Reaches Fontaine Ferry.
 150 miles; 5 g; 628 cars, 15 snow plows and sweepers. ★95

MAYSVILLE. 6,141.

356 -- Maysville Street R. R. & Transfer Co.—Office, 211 Court St. (Controlled, through ownership of entire capital stock, by Maysville Public Service Co.)
Pres. & Gen. Mgr.
 Horace J. Cochran.....Maysville
Sec. & Treas. R. A. Cochran... "
Energy from Maysville Power Co.; trolley volt. 575 v.
Owens Beechwood Park.
 4.5 miles; 4-8½ g; 9 motor and 3 other cars. 59

OWENSBORO. 17,784 (1916).

357—Owensboro City R. R. Co.—Office, 214 Locust St., Evansville, Ind. (Controlled by Evansville & Ohio Valley Ry. Co.)
Pres. Wm. A. Koch.....Evansville, Ind.
V. Pres. A. W. Funkhouser."
Sec. C. H. Battin..... "
Treas. & Gen. Mgr.
 Wm. A. Carson..... "
Andr. G. H. Wilson..... "
Gen. Supt. & Pur. Agt."
 G. R. Millican..... "
Local Supt., Wm. A. Tower...Owensboro
Asst Supt., H. Carrico..... "
Power sta. equip. 2 d. c. G. E. tot. 600 kw; 700 hp. e. L. & B; 600 hp. b. Atlas; trolley volt. 550 v.

Power sta. and repair shop at Hathaway & 6th St.
Reaches Hickman Park, owned by city, and Seven Hills Chautauqua Park, Fair Grounds, Baseball and Shooting Grounds and Fern Hills Coal Mine.
 12.5 miles; 4-8½ g; 29 motor, 7 trail and 21 coal cars. ★59

PADUCAH. 24,842 (1916).

359a—Paducah Trac. & Lt. Co.—Office, 406 Broadway. (Owns the securities of the Paducah Trac. Co. and the Paducah Lt. & Pwr. Co., which companies do the entire electric railway and the entire gas and commercial electric lighting and power business, and also a steam heating business in Paducah.)
Receiver Roscoe Reed.
Pres. Harry T. Edgar.....Boston, Mass.
Sec. Alvah K. Todd..... "
Treas. Henry B. Sawyer... "
Gen. Mgrs. Stone & Webster " "
Gen. Mgr. A. S. Nichols.....Paducah
Claim Agt. J. W. McNeely..... "
Gen. Supt. Fred. Cloen..... "
Ch. Engr. Pwr. Sta. A. N. Davis.. "
 M. M., H. A. Barbero..... "
Power sta. equip., 3 d. c. G. E., total 620 kw. 600 v., 3 a. c. G. E., Bull tot. 1150 kw. 2300 v. 3 ph. 60 cys., 2350 hp. e. Rus. Ham. Cor.; 2249 hp. b. Stur; trolley volt. 525v.
Car barn and repair shops at Paducah. Reaches Wallace Park, (owned).
 19.336 miles; 4-8½ g; 25 motor pass. and 12 other cars. ★19†

PARIS. 5,859.

(See No. 352.)

SHELBYVILLE. 3,419.

(See No. 353.)

359b — Frankfort & Shelbyville Traction Co.—Office, Shelbyville. (Will connect Shelbyville and Frankfort.)
Pres. E. B. Beard.....Shelbyville
1st V. Pres. W. R. Middleton.. "
2nd V. Pres. R. D. Armstrong.. Frankfort
Sec. & Treas. J. W. Gudgel...Shelbyville
 (Company organized. Road to be constructed.) 118

SOMERSET. 4,491.

360—Kentucky Utilities Co.—Office, Paul Jones Bldg., Louisville. (Subsidiary of the Middle West Utilities Co.)
Pres. Harry Reid..... Louisville
V. Pres. L. B. Herrington..... "
Sec. & Treas. A. A. Tuttle..... "
Gen. Mgr. E. L. Shotwell.....Somerset
Pur. Agt. E. C. Huber.....Louisville
Ch. Engr. G. T. Bogard..... "
Power sta. equip. 1 d. c. G. E. 200 kw; 2 a. c. G. E. tot. 800 kw. 2300 v. 3 ph. 60 cys; 900 hp. e. Heine; 800 kw. stm. turb. G. E., H. F. & M; trans. volt. 6600 v; trolley volt. 550v.
Power sta. and repair shops at Somerset.
Reaches White City.
 33 miles; 4-8½ g; 4 motor pass. cars. (Co. does lighting and power business.) ★69

WINCHESTER. 7,156.

(See No. 352.)

LOUISIANA.

ALEXANDRIA. 15,338 (1916).

361 — Municipal Street Railway. (City purchased property of Southern Trac. & Pwr. Co.)—Office, Alexandria.

Commr. of Streets & Parks
 Irving McGinnis.....Alexandria
 Supt. J. C. Rorsdale..... "
 Ch. Engr. Ira W. Sylvester.... "
 Elec. Engr. C. E. Brister..... "
 Power sta. equip. 3 d. c. G. E. West.
 tot. 510 kw.; 600 hp. e. H. F. & M; 400hp.
 b. Bab. & W; 160 hp. turb. (wtr.) —;
 trans. and trolley volt. 550 v.
 Power sta. at So. Alexandria; repair
 shops at cor. Winn & Thorne Sts.
 Reaches Kent Park (controlled.)
 7 miles; 4-8½ g; 6 motor and 8 other
 cars. 69

ALGIERS

361a—South New Orleans Lt. & Trac. Co.—Office 222 Elmira Ave. Sta. A, New Orleans. (Successor to Algiers Ry. & Ltg. Co.) (Connects Algiers, Gretna, Harvey, Marrero and McDonoughville.) (Controls the West New Orleans Lt. & Trac. Co.)
 Pres. & Gen. Mgr. E. W. Burgis...Algiers
 V. Pres. E. Howard McCaleb
 1031 Maison Blanche Bldg., New Orleans
 Sec. & Treas. R. M. Salvant.....Algiers
 Pur. Agt. E. E. Mlester..... "
 Elec. Engr. J. H. Seaman..... "
 Energy purchased from New Orleans Ry. & Lt. Co. trans. volt. 6600—2300 v; trolley volt. 600 v;
 1 sub-sta. cap. 1650 kw.; 2 rot. conv., 1 mo. gen. set.
 Repair shop at 222 Elmira Ave.
 Reaches Suburban and Crescent Parks. 6.5 miles; 4-8½ g; 15 motor pass., 2 trail pass. and 1 flat car. (Company furnishes energy for lighting.) ★49

361b — West New Orleans Lt. & Trac. Co. — Office, 222 Elmira Ave., Sta. A, New Orleans. (Controlled by So. New Orleans Lt. & Trac. Co.)
 Pres. & Mgr. E. W. Burgis.....Algiers
 V. Pres. E. Howard McCaleb
 1031 Maison Blanche Bldg., New Orleans
 Sec. & Treas. R. M. Salvant..... Algiers
 Energy purchased from South New Orleans Lt. & Trac. Co.
 2.6 miles; 4-8½ g; 3 pass. cars and 8 fgt. cars. 118

BATON ROUGE. 17,500 (1916).

362—Baton Rouge Elec. Co.—Office, 401 Lafayette St. (Does the entire electric railway, electric lighting, power and gas business in Baton Rouge.)
 Pres. Harry H. Hunt
 147 Milk St., Boston, Mass
 V. Prests. } Edw. Godchaux, New Orleans
 } Samuel W. Weis "
 Sec. Ernest I. Doe.....Boston, Mass.
 Treas. Henry B. Sawyer.... "
 Gen. Mgrs. Stone & Webster "
 Local Mgr. & Pur. Agt.
 I. Maxwell Stover.....Baton Rouge
 Supt. & Claim Agt.
 R. A. Delaroderie..... "
 Ch. Engr. Pwr. Sta.
 H. R. Sharpless..... "
 M. M., T. W. Murphy..... "
 Power sta. equip. 3 d. c. G. E. tot. 900 kw; 3 a. c. turbo-gen. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 950 hp. e. H. F. & M, F. & S; 1740 hp. b. Bab. & W, W. & W; trolley volt. 600 v.
 Power sta. and car barns at Government St.
 6.23 miles; 4-8½ g; 9 motor pass. cars. ★19†

COVINGTON. 2,601.

(See No. 364.)

GRETNA. 3,600.

(See No. 361a.)

JEANERETTE. 2,206.

(See No. 366.)

KENNER. 1,253.
(See No. 369.)

LAKE CHARLES. 14,447 (1916).

363—Lake Charles Ry. Lt. & Wtr. Wks. Co.—Office, 704 Ryan St.
 Pres. J. A. Landry.....Lake Charles
 V. Pres. Arsene Pujot..... "
 Sec. Paul O. Moss..... "
 Treas. D. J. Landry..... "
 Audr. F. S. Shattuck..... "
 Pur. Agt. L. A. Swann..... "
 Ch. Engr. Pwr. Sta.
 F. A. Bird..... "
 Supt. Const. W. B. Collins..... "
 Fmn. Car Barn T. Stein.... "
 Power sta. equip. 1 d. c. West. 150 kw; 4 a. c. West. G. E. tot. 2300 kw. 2300 v; 3 ph. 60 cys; 500 hp. e. F. & S; 1500 hp. b. C. & H; B. & W.; ster. 1400 kw. turb. West; trolley volt. 550 v.
 Repair shop at Lake Charles.
 Reaches amusement and base ball park. 10 miles; 4-8½ g; 10 motor and 2 other cars. ★59

MANDEVILLE. 1,166.

364—St. Tammany & New Orleans Ry. & Ferry Co.—Office, Mandeville. (Connects Mandeville, Covington and Abita Springs)
 Pres. Joseph Birg.....Franklin
 V. Pres. & Gen. Mgr.
 F. Barilleaux.....Mandeville
 Sec. & Treas., Gen. Fgt., Pass. & Pur. Agt. } Covington
 T. Garland Moise..... } Mandeville
 Elec. Engr. Harold Raymond
 Interstate Bldg., New Orleans
 Roadmaster G. LewisMandeville
 Pwr. sta. equip.; 2 d. c. Allis-C.; 1 a. c. Allis-C.—kw. 6600 v. 3 ph. 60 cys; Diesel crude oil engines.
 Pwr. sta. at Hellinberg; repair shops at Hellinberg and Mandeville.
 13.60 miles; 4-8½ g; 3 motor pass. 4 trail pass and 4 other motor cars. (Company furnishes energy for lighting.) 12†

MONROE. 13,214 (1916).

365—Monroe St. Ry. (Munic.)
 Sec. P. A. Poag.....Monroe
 Supt. St. Ry. Joe Mangham..... "
 Power sta. equip. 1 a. c. West. 200 kw. 2200-104 v. 2 ph. 60 cys; 300 hp. e. H. F. & M; 1000 hp. b. Stir, Erie; 100 kw. rot. conv. West; trolley volt. 500 v.
 Reaches Forsythe Park, owned by City.
 10 miles; 4-8½ g; 14 cars. (City also operates elec. ltg. and wtr. system.) 118

NEW ORLEANS. 371,747 (1916).

(See also Nos. 361a and 691.)

368—New Orleans Railway & Light Co.—Office, 201 Baronne St. (Leases the N. O. City R. R. Co., and controls the N. O. & Carrollton R.R. L. & P. Co., St. Charles St. R. R. Co., Orleans R.R. Co., and N. O. & Pontchartrain R.R. Co.) (Controlled by American Cities Co.)
 Recvr. J. D. O'Keefe.....New Orleans
 Pres. & Gen. Mgr.
 D. D. Curran..... "
 V. Pres. R. M. Walmsley.... "
 Sec. Jos. H. DeGrange..... "
 Treas. H. A. Ferrandou..... "
 Audr. A. B. McCoard..... "
 Gen. Mgr. J. S. Blecker.... "
 Claim Agt. Wm. H. Renaud... "
 Pur. Agt. J. R. McGivney... "
 Pwr. Frank G. Frost "
 Track, M. V. Houliard "
 Distrib. V. L. Willox "
 Transp. & Rys. "
 Supts. } N. H. Brown..... "
 } Equip. Robt M. O'Brien "
 } Com'l. W. E. Clement "
 Magazine & Pleasant Sts. "

Master Mechanics { Jno. M. Dahmer, Magazine & Pleasant Sts., New Orleans
W. Dickerson, Oak & Jeanette Sts. New Orleans

Power sta. equip. 14 d. c. West. G. E., tot. 13,700 kw; 3 a. c. G. E., tot. 43,500 kw. 2300-6000 v. 3 ph. 60 cys; 22,275 hp. e. F. & S., Wms. McI. & S. Allis-C: 19,100 hp. b. Heine. Bab. & W. Edge; 40,500 kw. turb. (stm.) G. E; trans. volt. 6600; trolley volt. 570 v.

7 sub-sta. tot. cap. 1750 kw; 7 rot. conv., 14 mo. gen. sets.

Power sta. at Market & Water Sts; repair shops at Magazine & Pleasant Sts., and at Oak & Jeanette Sts.

Reaches City, Audubon and West End; own Spanish Fort (summer resort).

218.15 miles; 4-8½ & 5-2½ g; 548 motor pass., 42 trail pass., 3 fgt. motor, 1 fgt. without motor and 102 service cars. (Company does general lighting and power business in New Orleans.) ★69

369—Orleans-Kenner Elec. Ry. Co.
Office, 127 S. Rampart St. (Connects W. Carrolton, Southport, Suburban Acres, Harahan City, Kenner and Hanson City with New Orleans.) (Sold at foreclosure. 1913.)

Receiver Leigh Carroll.....New Orleans

Pres. R. E. L. C. Ries, " " " "

State Tax Collector's Office " " " "

V. Pres. J. O. Elmer " " " "

Whitney Bk. Bldg " " " "

Sec., Treas. & Gen. Mgr. " " " "

Harry K. Johnson..... " " " "

Elec. Engr. C. K. Lorenz..... " " " "

Ch. Engr. Pwr. Sta. G. I. Custer " " " "

Engr. Ovhd. Constr. " " " "

O. Delahoussaye..... " " " "

Energy purchased from New Orleans Ry. & Lt. Co; 1 rot. conv. West. 400 kw. 1200 v; 3 transf. 6600 v. 3 ph. 60 cys; trolley volt. 1200 v. d. c. catenary.

Sub-sta. and repair shops at Harahan City.

Owns and reaches Felix Park, Kenner. 11.6 miles; 4-8½ g; 4 motor cars and 1 other car. ★19+

SHREVEPORT. 35,230 (1916).

370—Shreveport Railways Co.—
Office, 519 Marshall St. (Successor to Shreveport Trac. Co.) (Connects Shreveport and Jewella.)

Pres., Gen. Mgr. & Pur. Agt. " " " "

H. B. Hearn..... Shreveport

V. Pres. W. T. Crawford..... " " " "

Sec., Treas. & Claim Agt. " " " "

Ed. Jacobs..... " " " "

Andr. (Mrs.) Bessie Keagle " " " "

Supt. C. C. Bullock..... " " " "

Elec. Engr. & Ch. Engr. Pwr. Sta. " " " "

E. W. Denham..... " " " "

M. M., Gus D. Rushing..... " " " "

Roadmaster, I. A. Newsome.. " " " "

Engr. Ovhd. Constr. W. E. Pike " " " "

Power sta. equip. 2 d. c. G. E. tot. 1500 kw; 2450 hp. e. Ham, H. & T; 1650 hp. b. trolley volt. 600 v.

Power sta. and repair shop at 200 Market St.

Reaches Baseball Park and Fairgrounds. 32.60 miles; 4-8½ g; 39 motor and 3 service cars. ★59

MAINE.

AUBURN. 16,398 (1916).

(See No. 376.)

AUGUSTA. 14,170 (1916).

(See No. 377.)

BANGOR. 26,669 (1916).

371—Bangor Ry. & Electric Co.—
Office, 84 Harlow St. (Graham Bldg.)

(Consolidation of Bangor, Orono & Old Town Ry. Co., Bangor, Hampden & Winterport Ry., Old Town Electric Co., Public Works Co., Penobscot Water & Power Co., Brewer Water Co. and Bangor & Northern R. R. Co.) (Controls through stock ownership the Bangor Power Co., the Bar Harbor & Union River Pwr. Co. and the Orono Water Co.) (Connects Bangor, Brewer, Old Town, Orono, Veazie, Milford, Hampden, Kenduskeag, Corinth and Charleston.)

Pres., E. C. Ryder..... Bangor

Gen. Mgr. " " " "

V. Prests. { Edward M. Graham " " " "
Frank Silliman, Jr. 321 Chestnut St., Philadelphia, Pa.

Sec. & Treas. Howard Corning... Bangor

Audr. C. A. Pearson, Jr., Philadelphia, Pa.

Supt. Ry. C. H. Johnson..... Bangor

Supt. Wtr., H. T. Sparks..... " " " "

Asst. Mgr., Robert A. Hadden... " " " "

Pur. Agt., Fred. H. Libby..... " " " "

Claim Agt., Gen. Fgt. & Pass. Agt. " " " "

H. W. Daggett..... " " " "

Ch. Eng., Signal & Elec'l Engr. " " " "

Phifer Smith..... " " " "

M. M., H. B. Baldwin... " " " "

Ch. Engr. Pwr. Sta. G. A. Hathorn... Veazie

Roadmaster, D. J. Cullinan..... Bangor

Power sta. equip. 2 d. c. G. E. tot. 450 kw; 6 a. c. G. E. tot. 2610 kva. 3 ph. 60 cys; 2000 hp. e. Bckye., McI. & S. Cor; 1800 hp. b. Stir., Caball R; 3260 hp. turb. (wtr.) Lef., Smith, McC, Hunt, Holmes; trans. volt. 6600-13200 v; trolley volt. 600 v.

Energy also purchased from Bangor Pwr. & Bar Harbor & Union River Pwr. Co.

8 sub-stas. tot. cap. 4605 kw; 2 rot. conv; 2 mo. gen. sets.

Power sta. at Veazie (no P. O.); repair shops at Bangor.

65.91 miles; 4-8½ g; 57 motor pass, 4 fgt. motor, 24 fgt. without motors and 13 service cars. (Company does a general lighting business in Bangor and vicinity.)

BATH. 9,396.

(See No. 377.)

BETHEL. 1,980.

(See No. 375.)

BIDDEFORD. 17,665.

(See also No. 384.)

372—Biddeford & Saco R. R. Co.
—Office, 11 City Square. (Operates between Saco, Biddeford (where connection is made with Atlantic Shore Ry. and Old Orchard.)

Pres. C. H. Prescott..... Biddeford

Sec. & Treas. E. F. Lord..... " " " "

Supt. C. M. Durell..... " " " "

Energy purchased.

Sub-sta. at Saco.

8.25 miles; 4-8½ g; 20 motor pass., 4 other motor and 3 other cars. 59

CALAIS. 6,616.

373—Calais Street Ry.—Office, 19 N. St. (Line extends into Canada (3 miles) under the name of the St. Stephen Elec. Ry.) (Connects Calais, Me., and St. Stephen and Milltown, N. B.)

Pres. Geo. A. Curran..... Calais

Sec., Treas. & Gen. Mgr. " " " "

Ben. Y. Curran..... " " " "

Supt. & Ch. Engr. C. F. Pray..... " " " "

Power sta. equip. 2 d. c. G. E. tot. 300 kw; 2 a. c. G. E. tot. 200 kw. 2300 v. 3 ph.

60 cys; 200 hp. e. Ball; 200 hp. b. Cunch; 800 hp. turb. (wtr.) Smith; trolley volt. 550 v.

Power sta. and repair shop at Calais. 6.53 miles; 4-8½ g; 8 motor and 2 other cars. (Co. sells energy for motor load in Calais and St. Stephen.) 118

CAMDEN. 3,015.

(See No. 383.)

CARIBOU. 5,377.

(See No. 381.)

FAIRFIELD. 4,485.

(See also No. 386.)

374—Benton & Fairfield Ry. Co.— Office, Fairfield. (Connects Fairfield and Benton Falls.)

Pres. Sidney Mitchell, 171 Madison Ave., New York, N. Y.
Sec. C. E. Daniels, 171 Madison Ave., New York, N. Y.
Mgr. H. J. Madigan.....Fairfield
Supt. W. A. McAuley..... "
Power sta. at Fairfield; repair shops at Benton Falls.
4.8 miles; 4-8½ g; 3 motor and 5 other cars; 1 snow plow. *59

374a—Fairfield & Shawmut Ry.— Office, Fairfield. (Connects Fairfield and Shawmut.)

Pres. & Gen. Mgr. Geo. G. Weeks.. Fairfield
Sec. H. D. Eaton..... "
Treas. L. G. Whipple..... "
Supt. Edw. Prue..... "
Energy purchased from Central Maine Pwr. Co.
3.3 miles; 5-6 g; 3 motor pass. and other motor cars. 59

FREEPORT. 965.

(See No. 377.)

FRYEBURG. 540.

375—Fryeburg Horse R. R. Co.— Office, Fryeburg. (Connects Fryeburg, Stow, Lowell, Stoneham, Albany, Greenwood, Bethel, Brownfield, Hiram, Porter and Cornish.)

Pres. Geo. E. Macomber.....Augusta
Treas. Emma C. Farrington....Fryeburg
Gen. Mgr. & Clk. F. R. Fife.... "
Reaches W. Oxford Agricultural Society Grounds.
3 miles (horse); 4-8½ g; 6 cars. (Operation suspended.) 59

KENNEBUNK. 3,099.

(See No. 384.)

KENNEBUNKPORT. 2,180.

(See No. 384.)

KITTERY. 3,583.

(See No. 384a.)

LEWISTON. 27,809 (1916).

376—Androscoggin Electric Co.— Office, 100 Main St., Lewiston. (Consolidation of Lewiston & Auburn Elec. Lt. Co. and Portland-Lewiston Interurban R. R. (organized as Portland, Gray & Lewiston R. R.) (Connects Portland, Falmouth, Gray, New Gloucester, Auburn & Lewiston.)

Pres. Wm. T. Cobb.....Rockland
Clk. Josiah H. Drummond, 396 Congress St., Portland
Treas. Frank H. Bradford
Union Mutual Bldg..... "

Audr. Frank B. Fish
120 Exchange St., Portland
Gen. Mgr. & Pwr. Agt.

Fred D. Gordon.....Lewiston
Supt. R. H. Stone..... "
Power sta. equip. 7 a. c. G. E. tot. 5800 kw. 10,000 & 2300 v. 3 & 2 ph. 60 cys. 1,500 kw. turb. (stm.) G. E.; 1036 hp. & Heine; trans. volt. 10,000 v; trolley volt. 550 v.

Pwr. stas. at Deer Rips, Barker's Mills, Littlefields and Lewiston.
30.76 miles; 4-8½ g; 8 motor pass. & other motors and 8 other cars; 1 elec loco. (Co. does general ltg. & pwr. business.) 118

377—Lewiston, Augusta & Waterville St. Ry.— Office, No. 1 Lisbon St. (Owns and operates city and interurban lines extending from Waterville through Augusta (at which point lines branch to Winthrop and Togus), Gardiner, Sebattus and Lewiston; from Lewiston extends to Lisbon Falls and Topsham to Brunswick, at which point lines extend to Bath on the east and on the west to Yarmouth, where connection is made with the Portland R. R. Co.) Recvrs. Wm. Newell & Alfred Sweeney.
Pres. Wm. M. Bradley.....Portland
1st V. Pres.

Frank Silliman, Jr.... Philadelphia, Pa.
2d V. Pres. Herbert L. Clark.. "
3d V. Pres. A. H. Ford.....Portland
Treas. & Clerk. C. F. Berry..... "

Asst. { C. A. Pearson, Jr., Philadelphia, Pa.
Treas. { G. E. Fitz.....Lewiston
Gen. Mgr. Alfred Sweeney..... "
Gen. Fgt. Agt. F. E. Wood....Portland
Asst. Fgt. Agt. R. E. Halliday..Lewiston
Elec. Engr. F. W. Emery..... "
M. M. R. T. Langlan..... "
Supt. Track, Wm. Blake..... "

Supts. { (Lewiston Div.) Wm. Tourigny
(Augusta Div.) G. W. Howie
Trans. { (Bath Div.) Parker Lewis
(Freeport Div.) E. L. Varney

Power sta. equip. 1 d. c. G. E. tot. 200 kw; 1 a. c. West. 300 kva. 400 v. 3 ph. 25 cys; 1200 hp. e. Cor. Rus. 550 hp. b. Robb. Eng. Co.; trans. volt. 10,000-19,100-22,000 v.; trolley volt. 600 v. 10 sub-stas. tot. cap. 4000 kw; 11 rot. conv; 3 mo. gen. sets.

Energy purchased from Central Maine Power Co., Waterville; and Androscoggin Elec. Co., Lewiston.

Power sta. at Hallowell; repair shops at Lewiston, Augusta, Freeport and Bath. Owns Lake Grove Park, Auburn, and Island Park, Augusta.

165,653 miles; 4-8½ g; 106 motor pass. 10 fgt. motor. 46 fgt. without motors. 31 service and 53 other cars. (Co. does lighting and power business in Freeport.) *59

NORWAY. 3,002.

378—Oxford Elec. Co.— Office, Norway. (Formerly Norway & Paris St. Ry. Co. Connects Norway & So. Paris.) (In March 1916, purchased the Mechanic Falls Elec. Lt. Co.) (Controlled by Maine Rys. Lt. & Pwr. Co.)

Pres. Wm. T. Cobb.....Lewiston
Clk. Josiah H. Drummond..... "
Treas. F. H. Bradford..... "
Audr. E. J. Thompson..... "
Gen. Mgr. Fred D. Gordon..... "

Supt. & Pwr. Agt. H. B. Young.. Norway
Power sta. equip. 2 d. c. T.-H. tot. 194 kw. 500 v; 5 a. c. G. E. Westg. tot. 410 kw. 2200 v. 2 ph. 60 cys. and 2300 & 550 v. 3 ph. 60 cys: 650 hp. e. West. Cor., A. & S; 750 hp. b. Erie, Portland; 866 hp. wtr. wh. Hunt; trolley volt. 550 v.

Power stas. at Norway, Mechanic Falls and So. Paris; repair shops at Norway and Mechanic Falls.

2.13 miles; 4-8 1/2 g; 6 motor pass., 1 other motor and 1 other car. (Co. does lighting and power business.) (Operations discontinued.) 59

OLD TOWN. 6,817.

(See No. 371.)

PORTLAND. 63,867 (1916).

379-Cumberland County Pwr. & Lt. Co.—Office, 453 Congress St. (Operates under lease the Portland R. I. Co.) (Controls, through stock ownership, York County Pwr. Co.) (Owns Consolidated Electric Lt. Co., Westbrook Elec. Co., Portland Lgt. & Pwr Co. and Portland Electric Co.) (Does the entire elec. lgt. and pwr. business in the city of Portland and adjacent communities. Its controlled companies operate the street railway systems of Portland and So. Portland with suburban lines to Westbrook, Gorham, So. Windham, Cape Elizabeth, Old Orchard, Saco and Yarmouth, where connection is made with the lines of the Lewiston, Augusta & Waterville St. Ry., extending to Brunswick, Bath, Sabuttus, Lewiston, Gardiner, Augusta and Waterville; also the elec. lt. and pwr. business of Biddeford, Saco, Old Orchard, Kennebunkport, York Harbor, Alfred, Sanford, Springvale and Freeport, and the gas business of Biddeford and Saco.)

1st V. Pres. A. H. Ford.....Portland 2d V. Pres. P. G. Goesler

62 Cedar St., New York, N. Y. 3d V. Pres. Frank Silliman, Jr.

321 Chestnut St., Philadelphia, Pa. Treas. & Clerk, Chas. F. Berry..Portland

Gen. Supt., G. T. Fisher..... " Asst. to Gen. Mgr.

Alfred Sweeney.....Lewiston Ch. Engr. & Asst. Gen. Mgr.

Geo. E. Haggas.....Portland

Supts. { Equip. A. C. Jordan.... " { Track F. H. Knight.... " { Transp. Geo. M. Todd.. " Pur. Agt. Burton W. Shaw..... " Claim Agt. F. S. Briggs..... " Gen. Fgt. Agt. F. E. Wood..... "

Power sta. equip. 19 d. c. G. E. tot. 6210 kw: 17 a. c. Allis C West. tot. 15,485 kw. 2300 & 10,000 v. 3 ph. 60 cys; 8628 hp. e. Allis-C, Prov; 5070 hp. b. Bab. & W; 1000 kw. stm. turb. G. E; 19,400 hp. wtr. turb. Smith, Allis-C; trans. volt. 88,500 v; trolley volt. 550 v.

Power stas. (stm.) at Forest Ave. & Plum St.. Portland and South Portland; hydro-stas. at Bonny Eagle, West Buxton, North Gorham and Hiram Falls; repair shops at St. John St., Portland.

Owns and operates Riverton Park and Cape Cottage Park.

106,608 miles; 4-8 1/2 g; 219 motor pass.. 8 trail pass.. 8 fgt. motor, 10 fgt. without motors and 39 service cars. ★59

380-Maine Rys., Lt. & Pwr. Co.—

Office Union Mutual Bldg. (Controls Oxford Elec. Co. and Rockland, Thomaston & Camden St. Ry.)

Pres. Wm. T. Cobb.....Rockland Clerk, Josiah H Drummond.. Portland Treas. Frank H. Bradford..... " Audr. Frank B. Fish

120 Exchange St. " 59

PRESQUE ISLE, 5,179.

381-Aroostook Valley R. R. Co.—Office, Presque Isle. (Connects Presque Isle, Crouseville, Washburn, Sweden and Caribou.)

Pres. & Gen. Mgr. A. R. Gould. Presque Isle V. Pres. & Pur. Agt. L. E. Gould " Sec. C. F. Daggett..... " Treas., Claim Agt. & Gen. Fgt. & Pass. Agt. H. N. Crandall " Gen. Supt. & Ch. Engr. M. S. W. Dingwall..... " M. M., D. W. Wilder..... "

Energy purchased from Gould Electric Co.; trans. volt. 11,000 v. a. c; trolley volt. 1200 v. d. c.

2 sub stas. tot. cap. 800 kw; 4 rot. conv. Sub stas. at Munson Bill and Caribou; repair shops at Presque Isle.

Company owns Aroostook Valley Park. 38.14 miles; 4-8 1/2 g; 4 motor pass., 2 trail pass. and 1 service car; 1 elec. loco. ★59

ROCKLAND. 8,186.

382-Rockland, So. Thomaston & St. George Ry.—Office, 320 Main St. (Road dismantled.) ★59

383 - Knox County Electric Co. (Formerly Rock Island, Thomaston & Camden St. Rwy. Co.)—Office, 445 Main Street. (Connects Rockland, Thomaston, Camden, Rockport and Warren.) (Controlled by Maine Rys., Lt. & Pwr. Co.)

Pres. Wm. T. Cobb.....Rockland V. Pres. H. N. McDengall..... " Sec. Alan L. Bird..... " Treas. H. W. Keep..... " Audr. F. J. Fish.....Portland

Gen. Mgr. Wm. C. Bird.....Rockland Supt. Elec. Dept., R. H. House " Supt. Ry. Dept. V. Chisholm... " Gen. Fgt. Agt. R. Trim.....Camden

Ch. Opr. Chas. E. Gregory...Glen Cove Roadmaster, Fred. Gregory... " Energy purchased from Central Maine Power Co., Augusta; trans. volt. 6600 and 2300 v; trolley volt. 550 v; 2 mo. gen. sets; 1 booster.

Trans. sta. and repair shop at Glen Cove. Reaches Oakland Park (owned).

23.92 miles; 4 8 1/2 g; 30 motor pass., 7 other motor, 7 other and 4 elec. loco. cars. (Company furnishes energy to Rockland, So. Thomaston & St. George Ry. and does general lighting and power business.) ★59

SACO. 6,583.

(See No. 372.)

SANFORD. 10,916 (1916).

384 - Atlantic Shore Railway.—Office, Kennebunk. (Formerly the Atlantic Shore Line Ry., which was a consolidation of Sanford & Cape Porpoise Ry., Mousam River Ry. and Portsmouth, Dover & York St. Ry.) (On May 1, 1917, control of lines west of York Beach reverted to Portsmouth, Dover & York St. Ry.) (Connects York Beach, Ogunquit, Wells, Springvale, Sanford, Kennebunk, W. Kennebunk, Kennebunkport, Cape Porpoise and Biddeford, where connection is made with Biddeford & Saco R. R. Co.) (Freight and passenger service.)

Receivers { F. O. Conant.....Portland { Constant Southworth " Mgr. for Recvrs. Sterling T. Dow.....Kennebunk

Elec. Engr. & Pur. Agt. F. M. Richards..... " Firm Shops W. A. Lovejoy.. " OLD FALLS PWR. STA. EQUIP. (Kennebunk).—3 a. c. Westg. tot. 1500 kw. 400 v. 2 ph. 60 cys; 2100 hp. turb. (wtr.) S. Morgan Smith; trans. volt. 10,000 v.

ESTES PWR. STA. EQUIP. (Sanford) —2 a. c. Westg. tot. 600 kw. 2300 v. 3 ph.

60 cys; 1800 hp. turb. (wtr.) Platt Iron Wks; trans. volt. 10,000 v.
KENNEBUNK PWR. STA. EQUIP; (Kennebunk).—1 d. c. G. E. 800 kw; 250 hp. e. McL. & S; 475 hp. b. Hodge; trolley volt. 600 v.
 Sub-stas. at Sanford, Kennebunkport and Ogunquit tot. cap. 800 kw; 4 rot. convt. (1 portable); repair shops at Kennebunkport and Ogunquit.
 Reaches Cape Porpoise, York Beach and Old Falls.
 50 miles; 4-8½ g; 22 motor pass., 4 other motor, 15 other and 2 elec. loco. cars. 59

SKOWHEGAN. 5,341.

385—Somerset Traction Co.—(Connects Skowhegan and Madson.)
 Pres. F. W. Briggs.....Skowhegan
 Sec., Treas., Mgr. & Pur. Agt.
 H. L. Swett "
 Ecl. Engr. L. D. Murphy... "
 Energy purchased from Central Maine Power Co. at Augusta; 1 rot. conv. West. 800 kw; trans. volt. 33,000 v; trolley volt. 600 v.
 Owns Lakewood Park.
 12.68 miles; 4-8½ g; 11 cars. 59

SOUTH THOMASTON. 1,438.

(See No. 382.)

THOMASTON. 2,205.

(See No. 383.)

WATERVILLE. 12,702 (1916).

386—Waterville, Fairfield & Oakland Ry.—Office, 99 Main St., Waterville. (Connects Waterville, Fairfield and Oakland.)
 Pres. H. D. Eaton.....Waterville
 Sec. E. A. Ballantyne..... Augusta
 Treas. W. S. Wyman..... "
 Audr. H. D. Jennings..... "
 Gen. Mgr. N. R. Longfellow.. Waterville
 Claim Agt. W. B. Getchell Augusta
 Pur. Agt. Blaine Owen..... "
 Ch. Engr. F. H. Mason..... Waterville
 M. M., C. H. Brown..... "
 Engr. M. of W. F. A. Wentworth. Fairfield
 Energy purchased from Central Maine Pwr. Co.; trolley volt. 550 v.
 Repair shops at Fairfield.
 11 miles; 4-8½ g; 21 motor pass. and 3 other motor cars. ★59

WESTBROOK. 8,908.

(See No. 379.)

YARMOUTH. 2,358.

(See No. 379.)

YORK. 2,802 (1916).

(See No. 584a.)

MARYLAND.

ANNAPOLIS. 8,760.

(See also No. 391.)

387—The Maryland Elec. Rys. Co.
 —Office, Annapolis. (Connects Baltimore and Annapolis.) (Under management of Peck, Shannahan, Cherry, Inc.)
 Pres. J. N. Shannahan.....Hampton, Va.
 V. Pres. T. C. Cherry.....Syracuse, N. Y.
 Sec. & Treas. Austin McLanahan
 4 So. Calvert St., Baltimore
 Andr. G. S. Storrs.....Annapolis
 Gen. Mgr. C. D. Porter..... "

Supt. C. G. Britton.....Baltimore
 Gen. Fgt. & Pass. Agt.
 J. C. Clift..... "
 Ch. Elec. Engr. C. M. Schaefer...Annapolis
 M.M., J. H. Vander Veer..... "
 Engr. M. of W. L. M. Elder... "
 Energy purchased from Consol. Gas, Elec. Lt. & Pwr. Co.; trans. volt. 13,200 v. a.c.; trolley volt. 1200 v. d.c. (catenary); 5 d. c. rot. conv. West. tot. 1600 kw.
 Repair shops at Annapolis.
 37.4 miles; 4-8½ g; 12 pass. cars, 1 elec. loco., 1 elec. fgt. car and 61 other cars. (Co. sells energy for lgt. in Glenburnie, Severna, Park, Winchester, Round Bay, Arnold and Wardour.) (Sub-station at Linticum and Jones station.) ★59

BALTIMORE. 599,621 (1916).

(See also Nos. 392 and 753a.)

388—Baltimore & Ohio R. R.—Office, B. & O. Bldg., cor. Baltimore & Charles Sts. (Operates Baltimore Belt R. R., a steam road using elec. locos. to operate system inside of city.)
 Federal Mgr.
 C. W. Galloway.....Baltimore
 Gen. Mgr. S. Ennes..... "
 Treas. E. M. Devereux..... "
 Gen. Audr. J. J. Ekin..... "
 Supt. R. B. White..... "
 Claim Agt. C. W. Egan..... "
 Engr. M. of W. Earl Stimson... "
 Pass. Traffic Mgr. W. B. Calloway "
 Gen. Traffic Mgr.
 Archibald Fries..... "
 Pur. Agt. W. S. Galloway..... "
 Ch. Engr. H. A. Lane..... "
 Ecl. Engr. J. H. Davis..... "
 Signal Engr. E. P. Patenall.... "
 Energy purchased from the Consolidated Gas, Electric Lt. & Pwr. Co.; trans. volt. 13,200; trolley volt. 650 v.
 1 sub-sta. cap. 5000 kw; 4 rot. conv.
 Repair shops at Baileys & Mt. Clare Sts., Baltimore.
 3.7 miles (3rd rail); 4-8½ g; 9 elec. locos. ★69

388a—Idlewyld Ry. Co. — Office, 2 East Lexington St. (Operates from York Road to Idlewyld Park and connects with Towson & Catonsville Line of The United Rys. & Elec. Co. of Baltimore.)
 Pres. & Gen. Mgr.
 Harry E. Gilbert.....Baltimore
 Sec. Frank S. Gilbert..... "
 Treas. John C. Paterson..... "
 .98 miles; 5-4½ g; service supplied through agreement by The United Rys. & Elec. Co. 59

389—Lorraine Elec. Ry. Co.—Office, 912 Union Trust Bldg. (Connects with branch of United Railways at Hillsdale and extends to Lorraine Cemetery.)
 Pres.
 V. Pres. & Gen. Mgr.
 F. P. Bennett.....Baltimore
 Energy purchased from United Railways & Elec. Co.
 1.5 miles; 5-4½ g; 3 cars. 78

390—United Railways & Elec. Co.—Office, 1005 Continental Bldg. (Owns all lines formerly operated by the Baltimore Cons. Ry. Co., Baltimore City Pass. Ry. Co., Baltimore & Northern Elec. Ry. Co. and control and operates the Baltimore, Sparrows Point & Chesapeake Ry. and the Baltimore, Halethorpe & Elkridge Ry. Connects Ellicott City, Sparrows Point, Towson, Catonsville, Gardenville, Emery Grove and Halethorpe.)

Chm. of Bd., Thos. A. Cross... Baltimore
 Pres., C. D. Emmons.....
 V. { J. Pembroke Thom, "
 Prests. { Gen. Mgr. James R. Pratt "
 Assts. to Pres. { L. H. Palmer "
 { J. E. Cullen.. "
 Asst. Gen. Mgr. H. B. Flowers "
 Sec. Wm. Early..... "
 Asst. Sec. J. P. Tingle..... "
 Treas. John T. Staub..... "
 Audr. N. E. Stubbs..... "
 Asst. Audr. H. M. Grafton... "
 Gen. Counsel; J. C. France.. "
 Cashier, A. J. Dietz..... "
 Supt. Transp. W. C. Ludwig. "
 Asst. to Supt. Transp.
 J. B. Duvall..... "
 Consltg. Engr. J. M. Hood, Jr. "
 Ch. Engr. W. W. Wysor..... "
 Statistical Engr.
 R. L. Chamberlaine..... "
 Roadmaster, W. P. Davis, "
 Asst. Engr. M. F. Harris..... "
 Actg. Supt. Mot. Pwr.
 H. C. Bushnell..... "
 Elec. Asst. Supt. Mot. Pwr.
 Carroll Thomas..... "
 Supt. Distribution, J. E. Harrall "
 Supt. Overhead Lines, R. B. Clark "
 Supt. Underground Cables,
 J. H. Poats..... "
 Ch. Engr. (Pratt St.) Pwr. Sta.
 M. Wright..... Pratt St. "
 Supt. Roll. Stk. & Shops,
 A. T. Clark, "
 Columbia Ave. opp. Carroll Pk. "
 Asst. Supt. Roll. Stk. & Shops
 H. A. Leonhauser "
 Columbia Ave. opp. Carroll Pk. "
 Traffic Mgr. J. A. Stoll..... "
 Supt. Schedules, J. E. Morris. "
 Claim Agt. E. J. Falge..... "
 Asst. Claim Agt. H. C. Wells. "
 Pur. Agt. Wm. H. Staub.... "
 Gen. Storekeeper, B. J. McGinn "
 Columbia Ave. opp. Carroll Pk. "
 Excursion & Adv. Agt.
 B. B. Long..... "
PRATT ST. STA. EQUIP.—3 d. c. G.
 E. tot. 5400 kw; 7 a. c. Westg. G. E. tot.
 27,900 kw. 3 ph. 25 cys; 32,100 hp. e. McI.
 & S; 17,500 hp. turb. G. E. Westg; a. c.
 trans. volt. 13,200 v; d. c. trans. and trolley
 volt. 575 v. (Installing 20,000 kw. G. E.
 turbo-gen.)
BAY SHORE STA. EQUIP.—8 d. c. G.
 E. Westg. tot. 1675 kw; 1 a. c. Westg. 200
 kw. 3 ph. 25 cys; 2250 hp. e. A. & S,
 Westg. McI. & S.
OWINGS MILLS STA. EQUIP.—6 d. c.
 Westg. tot. 1080 kw; 1625 hp. e. R. & S. B.
 & W, Am. Ball.
 Power stas. at Pratt St., Owings Mills
 & Bay Shore; sub-sta. at Druid Hill Ave.,
 Nunnery lane, Eastern Ave., Harford
 Road, Belvedere Ave., W., Lombard St.
 and Bear Creek; sub-sta. cap. tot. 45,200;
 36 rot. conv.; repair shops at Columbia
 Ave. opp. Carroll Park.
 Owns Gwynn Oak Park, leases Bay
 Shore Park and reaches Riverview Park
 (leased by M. J. Fitzsimmons).
 415.234 miles; 5-4½ g; 1,999 cars. (Com-
 pany sells energy.) ★79j

391 — Washington, Baltimore &
Annapolis Elec. R.R. Co.—Office,
 108 North Liberty St. (Owns the
 Annapolis Public Utilities Co. which
 furnishes gas and electric lighting in
 Annapolis.) (Connects Washington,
 Baltimore and Annapolis.)
 Pres. Geo. T. Bishop..... Baltimore
 1st V. Pres. Frank H. Ginn,
 1200 Williamson Bldg., Cleveland, O.
 2nd V. Pres. & Gen. Mgr.
 J. J. Doyle..... Baltimore
 Sec. George Weems Williams.. "
 Treas. Wm. M. Garrett..... "
 Audr. W. H. Wright..... "
 Claim Agt. C. M. Lake..... "
 Pur. Agt. D. Zerhusen..... "

Supt. of Transp. Carson Schumacher,
 Naval Academy Jct.
 Elec. Engr. H. T. Connelly.... Baltimore
 M. M., A. S. Osbelt.. Naval Academy Jct.
 Engr. M. of W.
 E. W. Weinland.... " "
 Energy purchased from Potomac Elec.
 Pwr. Co.; trans. volt. 38,000 v; trolley volt.
 1800 v; repair shops at Naval Academy
 Junction.
 98.91 miles; 4-8½ g; 58 motor pass.,
 56 trail pass. 14 other motor and 23 other
 cars. ★69

BEL-AIR. 1,005.
 (See also No. 397.)

392—The Baltimore & Bel-Air
Elec. Ry. Co.—Office, Bel-Air. (Com-
 pany has traffic agreement with United
 Railways & Electric Co. to enter Balti-
 more with both passengers and freight
 when road is completed.) (Con-
 nects Hamilton, Parkville and Carney.)
 Pres. S. A. Williams..... Bel-Air
 Sec. & Treas. H. S. O'Neill..... "
 Gen. Mgr. J. Alexis Shriver..... "
 Power & cars rented from United Rail-
 ways & Electric Co. of Baltimore.
 Owns Gunpowder River Park.
 19 miles projected; 3.25 miles in opera-
 tion; 5-4½ g; 2 cars. 118

CUMBERLAND. 26,074 (1916).

393—Cumberland Elec. Ry. Co.—
 Office, N. Centre St. (Connects with
 the Cumberland & Westernport Elec.
 Ry. at Narrow Park, 2¼ miles west of
 Cumberland).
 Pres. G. L. Wellington..... Cumberland
 V. Pres. James A. McHenry "
 Sec. & Treas. C. G. Holzshu "
 Mgr. & Pur. Agt.
 W. M. Roberts, Jr..... "
 Ch. Elec. John Hamilton.. "
 Energy purchased from Edison Elec.
 Illg. Co.
 Controls Narrows Park.
 8.5 miles; 24 cars. 118

394—Cumberland & Westernport
Elec. Ry. Co.—Office, Frostburg.
 (Connects Cumberland, Eckhart,
 Frostburg, Shaft, Carlos Junction,
 Ocean, Midland, Gilmore, Lonaconing,
 Pekin, Moscow, Barton, Franklin and
 Westernport.) (Controlled by the Cities
 Service Co.)
 Pres. Henry L. Doherty.. New York. N. Y.
 V. Pres. B. Waller Duncan... Frostburg
 Gen. Mgr. D. D. Price..... "
 Sec., Treas. & Pur. Agt.
 H. N. Beckett..... "
 Supt. Adam Orr..... Cumberland
 M. M., Joe Storey..... "
 5 d. c. G. E. West. tot. 1250 kw; 1750
 hp. e. Clark Bros. Rus; 1475 hp. b Keeler,
 Erie City 900 k.w. stm. turb; D. L. &
 Westh.
 Power stas. at Clarysville and Reynolds;
 repair shops at Clarysville.
 Reaches Reynolds Park (owned.)
 25 miles; 4-8½ g; 14 motor pass. and
 3 other cars. ★79

FREDERICK. 12,000 (1916).

395—The Hagerstown & Frederick
Ry. Co.—Office, Terminal Bldg. (Con-
 trols Potomac Lt. & Pwr. Co., Martins-
 burg, W. Va. and Chambersburg,
 Greencastle & Waynesboro St. Ry. Co.,
 Waynesboro, Pa.) (Connects Frede-
 rick, Thurmont, Middletown, Jefferson,
 Boonsboro, Hagerstown and Williams-
 port, Md., and Shadygrove, Pa.) (Owns
 and operates the Frostburg Illg. & Mfg.
 Co.)
 Pres. Emory L. Coblenz..... Frederick
 V. Pres. { Henry Holzappel, Jr. Hagerstown
 { F. Howard Warfield.. Baltimore

Sec. M. P. Moller.....Hagerstown
 Treas. T. H. Haller.....Frederick
 Asst. Treas. Alex. Armstrong.. "
 Audr. R. E. Town..... "
 Gen. Mgr. M. A. Pooler.....Hagerstown
 Supt. Transp. R. Paul Smith...Frederick
 Claim Agt. & Gen. Fgt. & Pass.
 Agt. C. C. Waters..... "
 Pur. Agt. R. V. Mitchell..... "
 Elec. Engr., G. T. Twyford...Hagerstown
 Engr. Pwr. Sta. W. A. Butler...Security
 M. M., G. E. Stine.....Frederick
 Power sta. equip. 3 a. c. G. E. & West.
 tot. 10,250 kw. 2300 v. 3 ph. 60 cys: 3750
 hp. b. Bab. & W; 10,250 kw. stm. turb.
 West. G. E; trans. volt. 33,000 v; trolley
 volt. 650 v.
 6 sub-sta. tot. cap. 2400 kw; 8 rot. conv.
 Power sta. at Security; repair shop
 Frederick.
 Owns Braddock Heights Park.
 91.5 miles; 4-8½ g; 40 motor pass., 3
 tral pass., 2 fgt. motor, 48 fgt. without
 motors and 6 service cars; 3 elec. locos.
 (Co. does general ltg. and pwr. business.)
 ★69

FROSTBURG. 6,028.

(See No. 394.)

HAGERSTOWN. 25,679 (1916).

(See No. 395.)

KENSINGTON. 689.

396—Kensington Ry. Co.—Office,
 Overhead Bridge, W. Kensington.
 (Operates Sandy Spring Ry. Co.'s track
 (1.5 miles). Extends from north termi-
 nal of Capital Traction Co.'s System
 in Washington and beyond Kensington,
 Md.)
 Pres. Chas F. Brooke.....Sandy Spring
 V. Pres. Allan Farquhar.... "
 Sec., Treas., Gen. Mgr. & Pur. Agt.
 R. H. Phillips.....Kensington
 Audr.
 J. A. P. Farnham.... Washington, D. C.
 Supt. Herbert Claude.....Chevy Chase
 Elec. Engr. & M. M.
 Fayette Johnson..... "
 Trolley volt. 600 v.
 Repairshops at Chevy Chase Lake.
 3.5 miles (standard track on private
 right of way); 4-8½ g; 3 motor and 2 other
 cars. ★69

TOWSON. 3,500. (1916).

(See also No. 390.)

397—Towson & Cockeysville Elec-
 tric Ry. Co.—Office, Bel Air. (Con-
 nects Towson, Lutherville, Timonium.)
 (Will connect Texas and Cockeysville)
 Pres. C. C. Fawcett
 care of Robt. Garrett & Sons, Baltimore
 V. Pres. Henry F. Baker
 Gen. Mgr. J. Alexis Shriver.....Bel Air
 Reaches Maryland State Fair at Ti-
 monium.
 3.25 miles; Edison storage battery cars.
 ★59

MASSACHUSETTS.

AMESBURY. 9,894.

(See No. 427.)

AMHERST. 5,558.

(See No. 429.)

ATHOL. 9,788.

398—Northern Massachusetts St.
 Ry. Co.—Gen. office, Greenfield. (For-
 merly the Athol & Orange St. Ry. Co.,
 which purchased the Templeton St. Ry.

Co., and with which the Gardner, West-
 minster & Fitchburg St. Ry. Co. was
 merged.) (Controlled by Massachusetts
 Consolidated Rys.) (Connects Athol,
 Orange, Templeton, Baldwinville, Win-
 chendon, Gardner, Westminster and
 Fitchburg.)
 Pres. Chas. W. Hazelton..Montague City
 V. Pres. & Gen. Mgr.
 D. P. Abercrombie, Jr.....Greenfield
 Clerk & Treas. F. A. Persons.. "
 Audr. John E. Donovan..... "
 Gen. Supt. J. A. Taggart..... "
 Asst. Supt.
 F. E. Marsh.....East Templeton
 Claim Atty. Wm. S. Clark....Greenfield
 Gen. Fgt. & Exp. Agt.
 Leon Bolster..... "
 Ch. Engr. & Supt. of Way,
 C. W. Clapp..... "
 M. M., Chas. Chase.....Orange
 Energy purchased from Athol Gas &
 Elec. Co.
 Repair shops at East Templeton.
 Reaches Brookside Park (owned), Lake
 Dennison and Wachusett Park.
 44.9 miles; 4-8½ g; 13 cars. ★59

ATTLEBORO. 18,480.

(See also Nos. 448 and 461.)

399—Attleboro Branch R. R.
 Co.—Office, 107 Main St., Worcester.
 (Controlled by the New England In-
 vestment & Security Co.) (Connects
 Attleboro and North Attleboro.)
 Pres. Francis H. Dewey.....Worcester
 V. Pres. Clark V. Wood
 Mass. Mutnal Bldg., Springfield
 Clerk, F. P. McIntyre
 Mass. Mutnal Bldg., "
 Treas. Leverett Candee..... "
 Audr. J. W. Jamieson..... "
 Gen. Mgr. Henry C. Page.....Worcester
 Fgt. & Pass. Agt. R. E. Cosgrove, Springfield
 Pur. Agt. J. F. McCabe..... "
 Elec. Engr. W. L. Harwood.. "
 Engr. M. of W. & Struct.... "
 Howard Whitney..... "
 Energy purchased from Rhode Island
 Co.
 5.14 miles; 4-8½ g; 1 elec. loco. ★59

399a—Interstate Consolidated St.
 Ry. Co.—General office, 107 Main St.,
 Worcester. (Consolidation of Attleboro,
 N. Attleboro & Wrentham St. Ry. and
 Interstate St. Ry. of Providence, R. I.)
 (Controlled by New England Invest-
 ment & Security Co.) (Operates in
 Attleborough, North Attleborough,
 Plainville and Seekonk.)
 Pres. Francis H. Dewey.....Worcester
 V. Pres. Clark V. Wood.....Springfield
 Clerk, F. P. McIntyre..... "
 Treas. Leverett Candee..... "
 Audr. J. W. Jamieson..... "
 Gen. Mgr. Henry C. Page.....Worcester
 Supt. F. S. Hunnewell.....Attleboro
 Pur. Agt. J. F. McCabe..... "
 Fgt. & Pass. Agt. R. E. Cosgrove "
 Elec. Engr. W. L. Harwood.. "
 Engr. M. of W. & Struct. "
 Howard Whitney..... "
 Energy purchased from Rhode Island
 Co.
 26.03 miles; 4-8½ g; 3 fgt. and 1 work
 car; 4 snow plows. ★59

AYER. 2,797.

400—The Lowell & Fitchburg St.
 Ry. Co.—Office, Ayer. (Controls
 Westford Branch line.) (Connects
 Lowell City lines, Forge Village, Gran-
 iteville, and the Fitchburg system at
 Ayer.)
 Pres. W. W. Sargent.....Fitchburg
 Treas. R. N. Wallis..... "
 Gen. Supt. & Pur. Agt.
 Louis H. Cushing.....Ayer
 M. M., A. Caron..... "
 Roadmaster, John Devaney..... "

Energy purchased from Lowell Elec. Lt. Corpn., Lowell, Mass.; trans. volt. 18,000 v;rolley volt. 600 v.; repair shop at Ayer. 18 miles; 4-8 1/2 g; 8 pass., 1 flat and 6 lump cars; 1 plow. 118

BEVERLY. 22,959. (See No. 401.)

BOSTON. 725,325 (1915).

(See also Nos. 105, 109, 453, 461, 469, 592, 852, 853, 890 and 1051.)

401—Eastern Massachusetts St. Ry. (Formerly the Bay State St. Ry. Co.)—Offices, 245 State St., Boston. (Leases Boston & Chelsea R.R. Co., Boston & Revere Elec. St. Ry. Co., East Middlesex St. Ry. Co., Newport & Fall River St. Ry. Co. and the Winnisimmet R. R. Co.) (Operates in the following cities: Beverly, Boston, Brockton, Chelsea, Everett, Fall River, Gloucester, Haverhill, Lawrence, Lowell, Lynn, Malden, Medford, Melrose, Newburyport, New Bedford, Quincy, Revere, Taunton, Salem, Woburn, Mass., Newport, R. I., and the towns of Abington, Andover, Arlington, Avon, Billerica, Braintree, Bridgewater, Burlington, Chelmsford, Danvers, Dedham, Dighton, Dracut, Easton, East Bridgewater, Essex, Freetown, Georgetown, Groveland, Hamilton, Hanover, Hingham, Holbrook, Hull, Ipswich, Lakeville, Lynnfield, Marblehead, Methuen, Middleboro, Middleton, Milton, Needham, Newbury, Norwell, North Andover, North Reading, Norwood, Peabody, Randolph, Raynham, Rehoboth, Reading, Rockport, Rockland, Rowley, Saugus, Seekonk, Somerset, Southton, Stoneham, Swampscott, Tewksbury, Tyngsboro, Wakefield, Walpole, Wrenham, West Bridgewater, West Newbury, Westwood, Weymouth, Whitman, Wilmington, Winchester, Mass., and Middletown, Portsmouth, and Tiverton, R. I.) (Controlled by Mass. Elec. Cos.)

V. Pres. & Gen. Mgr. R. B. Stearns.. Boston Asst. Treas., Louis W. Wellman.. " Gen. Andr., Caleb S. Jackson..... " Atty., Philip G. Carleton..... " Asst. Gen. Mgr., Howard F. Fritch " Pur. Agt., Walter C. Bolt..... " Gen. Claim Agt. H. K. Bennett.... "

Supts. { Pwr. & Lines, J. H. Libbey " Roll. Stk., F. D. Ward.... " Tracks & Bldgs. Frank B. Walker..... " Asst. Div. Supt., Patrick F. Sheehan "

Local Mgrs. { J. O. Ellis..... Chelsea (inc. Reading & Woburn) Geo. H. Gray..... Lynn Frank I. Hardy..... Salem Joseph A. Phelan..... Gloucester Thos. Lees..... Lowell J. H. Hayes..... Lawrence G. S. Chase (actg.)..... Haverhill J. T. Conway..... Brockton J. H. Murphy..... Taunton James G. Nellis..... Quincy A. Jay Boardman..... Fall River E. P. Gosling..... Newport, R. I.

Ch. Engrs. { Supt. A. L. Ward.... Boston Pwr. Stas. { D. J. Lynch..... Chelsea L. H. Brown..... Lynn T. J. Butler..... Salem R. C. Howe..... Gloucester J. Hoskins..... Essex Falls J. A. Heath..... Woburn G. F. Webber..... Lowell W. J. Hamilton..... Lawrence C. T. Warner..... Haverhill J. W. Small..... Byfield A. F. Waite..... Quincy W. G. Oxx... Newport, R. I. C. L. Sewall. Portsmouth, R. I. T. J. Bracken.... Hyde Park

(For equipment of pwr. stas. see reports under above towns.)

Owens Lakeview Park in Tyngsboro, The Pines in Haverhill, Long Beach in Gloucester, Westwood Park in Westwood, Lakeside Park in Lakeville, Highland Park in Avon, Sabbatia Park in Taunton, Dighton Rock Park in Dighton and Island Park in Portsmouth, R. I., and reaches Lincoln Park in Westport.

Main repair shops at Chelsea, Lowell, Campello and Fall River; car houses at Lawrence, Lynn, Quincy and Taunton.

955.07 miles of track operated; 942.676 miles of track maintained; 970.173 miles of track owned and leased (includes track leased to B. E. Ry. Co.); 4-8 1/2 g; 2,095 motor, 150 service, 39 freight cars and 5 trall cars; 248 elec. plows; 41 horse cars (not used). (Company does lighting in Newport, R. I., only.) *79j

402—Boston Elevated Ry. Co.—Office, 101 Milk St. (Leases West End St. Ry. Co.) (This company operates cars in Boston, Arlington, Belmont, Brookline, Cambridge, Chelsea, Everett, Malden, Medford, Newton, Somerville and Watertown.)

Board { Chmn. J. F. Jackson, Boston of Sec. Stanley R. Miller " Samuel L. Powers " Trustees { John F. Stevens " Winthrop Coffin "

Pres J. Henry Neal..... " Treas. H. L. Wilson..... " Gen. Mgr. C. D. Emmons..... " Asst. Gen. Mgr. H. B. Potter..... " Gen. Andr. C. K. Reed..... " Gen. Counsel, H. Ware Barnum.. " Gen. Atty. Russell A. Sears..... " Attorney, C. B. Gleason..... " Claim { J. J. Reynolds..... " Atty. { M. P. Spillane..... " Real Est. Agt. D. L. Prendergast.. " Pur. Agt. Edward Mahler..... " Rec'g Cashier, L. J. Dickey..... " Architect, F. F. Low..... "

No. 1. Chas. J. Leonard..... Roxbury No. 2. John A. Smith,.... Forest Hills of No. 3. J. H. Harrington, Divs. { Bennett St., Cambridge No. 4. Arthur W. Senter Sullivan Sq., Charlestown No. 8. James Smith..... Boston

{ Albany St. Shops, F. W. Garrett, 439 Albany St. Boston Car Shops, H. G. Noble Bartlett St., Roxbury Insp. Clarence E. Learned, .. Boston Maint. H. M. Steward.... " Pwr. F. S. Freeman 439 Albany St., " Pwr. Distrbn., Wm. Masters, 439 Albany St., " Supts. { Rap. Trans. Lines, H. A. Pasho, Charlestown Roll. Stk. & Shops, John Lindall, 439 Albany St., Boston Supplies, A. A. Orwday,.... " Transp. Edward Dana.. " Wires, J. P. Boyden. 536 Harrison Ave. "

Supvrs. { Empl. Alfred J. Guyon, Dudley St. Term., Roxbury Instr. F. R. Morgan, Bartlett St. " Time Table, Timothy Connell.... Boston Engrs. { Ch., C. T. Fernald..... " Elec., J. Walter Allen, 552 Harrison Ave., " Maint., James Dickie... " Signal, (R. T. lines) W. C. Smith..... Charlestown

Ch. Opr. Engr.,
 J. J. Donouue.... Boston
 Central, R. S. B. O'Brien,
 439 Albany St., Boston
 Charlestown,
 Ch. Engrs. { M. W. Eastman... "
 Pwr. Stas. { Harvard,
 O. A. Jackson, Cambridge
 Lincoln,
 Ralph H. Dixon, Boston
 South Boston

Gen. Frmn. Rap. Trans. Lines & Shops,
 Clark Doty..... Charlestown
 Gen. Storekeeper, F. W. Stevens.. Boston

Road { Surface Lines,
 masters { J. M. Ryan, "
 Rap. Trans. Lines H. L. Butler,
 Sullivan Sq., Charlestown

CENTRAL STA.—Ch. Engr. R. S. B. O'Brien, 439 Albany St. 9 d. c. G. E. Walker, tot. 12,900 kw; 17,800 hp. e. Internatl. Allis-C; 11,868 hp. b. Bab. & W., Stir.

LINCOLN STA.—Ch. Engr. Ralph H. Dixon, Boston. 4 d. c. G. E., Westg., Allis-C. tot. 10,800 kw; 16,700 hp. e. R. & S., Tod; 10,160 hp. b. Bab. & W.

CHARLESTOWN STA.—Ch. Engr. M. W. Eastman. Boston. 4d. c. G. E., Westg. tot. 7000 kw; 10,400 hp. e. West., McL. & S., Allis-C; 5,900 hp. b. Bab. & W., A. & T.

HARVARD STA.—Ch. Engr. O. A. Jackson, Cambridge. 4 d.c. G. E. tot. 6300 kw; 9600 hp. e. McL. & S., Allis-C; 5400 hp. b. Bab. & W.

SOUTH BOSTON POWER STA.—Ch. Engr. ——— So. Boston. 4 a. c. G. E. tot. 80,000 kw. 6600-13,200 v. 3 ph. 25 cys; 106,667 hp. stm. turb. G. E., Curtis; 9600 hp. b. Bab. & W.

DORCHESTER POWER STA.—Ch. Engr. ——— Dorchester. 2 d. c. & 1 a. c. G. E. tot. 5500 kw; 7500 hp. e. R. & S. G. E; 3808 hp. b. Bab. & W, Stir.

Power stas. at Boston, Charlestown, Cambridge, So. Boston, Dorchester; substas. at Dorchester, West Roxbury, Brookline, Cambridge, East Boston, Arlington, Somerville, Malden, Roslindale, Brighton and Boston; repair shops at 439 Albany St., Boston, Charlestown and Roxbury.

Total miles, 531,154; surface. 487,873; rapid transit 43,281, (includes 26,243 miles of subway and tunnel tracks, of which 12,198 are used by surface and 14,045 by rapid transit cars, includes mileage in 12 municipalities besides Boston); 4-8½ g; 3,250 surface passenger, 391 elevated, 9 mail, and 190 service cars; 234 electric snow plows; 10 snow sweepers ★59

403—Boston & Maine R.R.—Office, North Station, Boston. (This steam railroad corporation operates two electric street railway branches, the Portsmouth (N. H.) Elec. Ry. with 19.03 miles of track, and the Concord & Manchester (N. H.) Elec. Branch with 30.51 miles of track, leased. It also controls the Conway (Mass.) Elec. St. Ry. having 6.60 miles of track. Boston & Maine trains are operated by electricity through the Hoosac Tunnel, about 23 miles, single track, having been electrified, 9¼ of which are within the portals of the tunnel, the remainder covering approaches and yards.)

Temporary Receiver J. H. Hustis, Boston
 Compt. W. S. Trowbridge..... "
 Treas. & Clerk A. B. Nichols " 118

404—Boston & Worcester St. Ry. Co.—Office, Framingham. (Controlled by the Boston & Worcester Elec. Cos.) (Connects Boston, Brookline, Newton, Welleley, Natick, Framingham, Southboro, Westboro, Northboro Shrewsbury, Marlboro, Hudson and Worcester.) Pres. William M. Butler
 77 Franklin St., Boston

1st V. Pres., Arthur E. Childs
 77 Franklin St., Boston
 Clerk, James F. Bacon "
 Treas., W. Clapp..... Framingham
 Gen. Mgr., Arthur E. Stone "
 Supt. Transp., G. H. McFee "
 Claim Agt., J. J. Hourin... "
 Gen. Fgt. Agt. F. C. Lewis.. "
 Ch. Engr. Pwr. Sta.
 C. B. Smith..... "
 M. M., John C. Horgan..... "
 Engr., M. of W., L. J. Miller "
 Engr. Ovhd. Constr.,
 H. F. Sears..... "

Power sta. equip. 3 a. c. G. E. tot. 3500 kva. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Prov; 2800 hp. b. A. & T; 2000 kw. turb. (stm.) G. E; trans. volt. 13,200 v; trolley volt. 600 v.
 4 sub-sts. tot. cap. 3900 kw; 11 rot. conv. Power sta. at Framingham; repair shop at Framingham Centre.
 Reaches Lincoln Park, (Worcester).
 83.15 miles; 4-8½ g; 75 motor pass.. 9 fgt. motor, 6 fgt. and 10 other cars. ★59

405—Boston & Worcester Elec. Cos.—(Controls through stock ownership the Boston & Worcester St. Ry.)

Pres.
 Wm. M. Butler, 77 Franklin St., Boston
 V. Pres. A. E. Childs. " "
 Sec. & Treas.
 Arthur E. Stone... " " " 128

406—Massachusetts Electric Companies.—Office, 245 State St., Boston. (Owns common stock of and controls Bay State St. Ry. Co.)

Pres. Gordon Abbott. 17 Court St. Boston
 V. Pres. C. E. Cotting,
 809 Barrisbess Hall "
 Sec. W. Raymond Emerson,
 Ames Bldg. "
 Treas. J. H. Goodspeed..... "
 Gen. Audr. H. H. Read..... "
 Gen. Mgr. P. F. Sullivan..... " 78

408—Public Service Investment Co.—(Organized with authority, among other things to hold, and deal in stocks, bonds and other securities Owns securities in twelve companies under management of Stone & Webster.)

Henry G. Bradlee..... Boston
 Chas A. Stone..... "
 John W. Hollowell... "
 Directors { Eliot Wadsworth..... "
 Russell Robb..... "
 Edwin S. Webster.... "
 Dwight P. Robinson.. " ★128

409—Railway & Light Securities Co.—(Organized for the purpose of holding, for income or for sale, the securities of transportation, illuminating, power and other public service corporations. Under charter, it may issue its own Collateral Trust Bonds, secured by bonds of other companies, as collateral; owns bonds and stocks of forty-three independent companies, twenty of which are under management of Stone & Webster.)

Henry G. Bradlee..... Boston
 Stedman Buttrick..... "
 Chas. A. Stone..... "
 Eliot Wadsworth..... "
 Edwin S. Webster..... "
 Directors { Robt. F. Herrick..... "
 Thos. N. Perkins..... "
 Robt. T. Paine, 2d..... "
 Russell Robb..... "
 Jas. J. Storrow..... "
 John W. Hollowell... " ★128

410—Stone & Webster.—General office, 147 Milk St., Boston. (The following companies are managed: Baton Rouge Elec. Co., Beaumont Trac.

Co., Blackstone Valley Gas & Elec. Co., Blue Hill St. Ry. Co., Brockton & Plymouth St. Ry. Co., Cape Breton Elec. Co., Ltd., Central Mississippi Valley Elec. Properties, Columbus Elec. Co., The Connecticut Pwr. Co., Dallas City (Ill.) Lt. Co., Dallas Elec. Co., Eastern Texas Elec. Co., Edison Elec. Illg. Co. of Brockton, The Elec. Lt. & Pwr. Co. of Abington and Rockland, El Paso Elec. Co., Everett Ry., Lt. & Wtr. Co., Fall River Gas Wks. Co., Ft. Madison (Ia.) Elec. Co., Galveston Elec. Co., Galveston-Houston Elec. Co., Galveston-Houston Elec. Ry. Co., Haverhill Gas Lt. Co., Houghton County Elec. Lt. Co., Houghton County Trac. Co., Houghton Elec. Co., Jacksonville Trac. Co., Keokuk Elec. Co., The Key West Elec. Co., The Lowell Elec. Lt. Corp., Mississippi River Pwr. Co., Northern Texas Elec. Co., Northern Texas Trac. Co., Pacific Northwest Trac. Co., Paducah Trac. & Lt. Co., Pawtucket Gas Co. of N. J., Pensacola Elec. Co., Ponce Elec. Co., Public Service Investment Co., Puget Sound Elec. Ry., Puget Sound International Ry. & Pwr. Co., Puget Sound Trac., Lt. & Pwr. Co., Ry. & Lt. Securities Co., Savannah Elec. Co., Savannah Pwr. Co., Sierra (Pacific Elec. Co., Sydney & Glace Bay Ry. Co., Ltd., Tacoma Ry. & Pwr. Co., Tampa Elec. Co. and Tarrant County Trac. Co.) 19

411a—Charles H. Tenney & Co., (Managers and Engineers of Public Utilities) — Office, 201 Devonshire St., Boston. (Represents following companies: Malden Electric Co., Malden & Melrose Gas Lt. Co., Salem Elec. Ltg. Co., Haverhill Elec. Co., Fitchburg Gas & Elec. Lt. Co., Suburban Gas & Elec. Co. (Revere and Winthrop), Springfield Gas Lt. Co., Springfield Navigation Co., Teneco Sales Corp., American Tar Co., Boston Electrolytic Oxygen Co., North Boston Ltg. Properties and Eastern Massachusetts Elec. Co., of Massachusetts; Exeter & Hampton Elec. Co., Exeter, Hampton & Amesbury St. Ry., Exeter Ry. & Ltg. Co. and Concord Elec. Co. of New Hampshire; The Barre & Montpelier Trac. & Pwr. Co. and Montpelier & Barre Lt. & Pwr. Co. of Vermont; People's Gas & Elec. Co. (Oswego) and Rockland Lt. & Pwr. Co. (Nyack) of New York; Rockland Electric Co. of New Jersey and The Bristol & Plainville Tramway Co. of Connecticut.

Chmn. of Bd.
 Charles H. Tenney.....Springfield
 Pres. Palmer York.....Boston
 Sec. H. P. Wood....."
 Treas. E. A. Bradley....."
 Audr. & Asst. Treas. H. A. Gidney "
 Clerk, Allen Hollis,
 25 Capitol St., Concord, N. H.
 Engrg. Mgr. Frank C. Sargent....Boston
 Pur. Agt. Francis P. Mooney..... "
 ★59

BRAINTREE. 9,343.

(See No. 401.)

BRIDGEWATER. 9,381.

(See also No. 401.)

411b—Eastern Massachusetts St. Ry. See Boston.
 Sub-sta. equip. G. E. rot. conv. cap. 900 kw. 3 ph. 25 cys; trans. volt. 13,200 v;rolley volt. 600 v. ★79

BROCKTON. 62,288.

(See also No. 451.)

413—Eastern Massachusetts St. Ry. See Boston.
 Local Mgr., J. T. Conway.....Brockton
 Sub-sta. equip. 4 a. c. rot. G. E. tot. 3750

kw. 3 ph. 25 cys; trans. volt. 13,200 v; trolley volt. 600 v. ★79

BROOKFIELD. 2,204.

413—Worcester & Warren St. Ry. Co.—General office, Brookfield. (Formerly Warren, Brookfield & Spencer Ry. Co.) (Connects Warren, West Warren, Brookfield, West Brookfield, North Brookfield and Spencer.)

Pres. Frank O. Palmer.....Saco, Me.
 Treas. O. E. Williams.....67 Milk St., Boston
 Pur Agt. & Supt. Henry Clark. Brookfield
 Ch. Engr. Pwr. Sta.

J. E. Eaton....."
 M. M., Frank Chase....."
 Roadmaster, Angelo Prizeo, East
 Power sta. equip. 3 d. c. G. E. tot. 587 kw; 750 hp. e. Slater, Burlig; 324 hp. b. Penn. Dillon; trolley volt. 560 v.
 Power sta. and repair shop at Brookfield. 20.1 miles; 4-8½ g; 17 motor and 2 other cars and 2 snow plows.
 Operation discontinued. ★59+

BROOKLINE. 33,490 (1915).

(See No. 402.)

BYFIELD. 978.

414—Eastern Massachusetts St. Ry. See Boston.

Ch. Engr. Pwr. Sta., J. W. Small, Byfield
 Power sta. equip. 2 d. c. Westg. tot. 500 kw; 600 hp. e. Slater; 345 hp. b. Kendall; trans. and trolley volt. 575 v. ★79j

CAMBRIDGE. 108,822 (1915)

(See No. 402.)

CANTON. 5,623.

(See also No. 455a.)

415—The Blue Hill St. Ry. Co.—Office, 87 Washington St., Canton. (Operates from Mattapan through Canton to Stoughton; at Mattapan connects with the Boston Elevated Ry., and at Stoughton connects with the Bristol & Norfolk and Bay State St. Rys. for the Southern Massachusetts district.)
 Receiver, Supt., & Pur. Agt.

George Spaulding.....Canton
 Pres. & Gen. Mgr. M. A. Cavanagh
 162 Harrish of St., Roxbury
 Treas. Ray Cavanagh....."
 Claim Axt.

James T. Connolly, 24 Milk St., Boston
 Ch. Engr. Pwr. Sta. J. T. Hughes. "
 M. M., F. H. Winn....."

Power sta., cap. 487 kw; energy also purchased from Bay State St. Ry. Co.
 Power sta. and repair shops at Canton. Reaches Houghton's Pond.
 19.7 miles; 4-8½ g; 21 motor pass., 1 other motor and 5 other cars. ★59

CHARLTON CITY. 2,213.

(See No. 433.)

CHELSEA. 43,426.

418—Eastern Massachusetts St. Ry.—See Boston.

Local Mgr., J. O. Ellis.....Chelsea
 Ch. Engr. Pur. Sta., D. J. Lynch. "

Power sta. equip. 7 d. c. G. E. tot. 3650 kw; 5300 hp. e. Cpr. H. O. & R., W.-C; 3750 hp. b. Bab. & W; trolley volt. 590 v. ★79

CHICOPEE. 30,138

(See No. 457.)

CLINTON. 13,193.

(See No. 471.)

COLERAIN. 1829.

(See No. 456.)

CONWAY. 1,280.

419—Conway Elec. St. Ry. Co.—Office, Rm. 12, North Station, Boston. (Controlled by the Boston & Maine R.R.) (Connects Conway with Deerfield and Conway Village with Conway station on N. Y., N. Y. & H. R. R. and South River station on B. & M. R. R.)
 Pres. Woodward Hudson.....Boston
 V. Pres. Arthur P. Delabarre.....Conway
 Treas. & Clerk, A. B. Nichols.....Boston
 Audr. William S. Trowbridge..... "
 Supt. Wm. M. Alden.....Conway
 Power sta. equip: 1 d. c. West. 200 kw; 100 hp. e. A & S; 150 hp. b. Big; 800 hp. turb. (wtr.) J. & W. Jolly; trolley volt. 600 v.
 Power sta. and repair shops at Conway. 6.6 miles; 4-8½ g; 5 motor pass. and 17 other cars, 1 snow plow.
 (Operation suspended.) ★19j

DANVERS. 11,177 (1915).

(See No. 401.)

DRACUT. 4,022.

(See Nos. 401 and 427.)

EAST HAMPTON. 9,845.

(See No. 446.)

ESSEX, 1,621.

420a—Eastern Massachusetts St. Ry.—See Boston.
 Power sta. equip. (Essex Falls) 2 d. c. Walker, tot. 440 kw; 600 hp. e. Mcl. & S; 600 hp. b. Ken, Cungh; trans. & trolley volt. 550 v. 79

EVERETT. 37,718 (1915).

(See Nos. 401 and 402.)

FALL RIVER. 124,791.

(See Nos. 401, 442 and 460.)

420b—Eastern Massachusetts St. Ry.—See Boston.
 Local Mgr., A. Jay Boardman, Fall River
 Sub-sta. equip. rot. conv. G. E. tot. 3000 kw. 3 ph. 25 cys; trans. volt. 13,200 v; trolley volt. 600 v. ★79

FITCHBURG. 39,656 (1915).

(See also Nos. 398 and 471.)

421—Fitchburg & Leominster St. Ry. Co.—Office, 280 Main St. (Connects Fitchburg, Leominster, Lunenburg, Shirley, Ayer, Cowell and Worcester.)
 Pres. & Gen. Mgr. W. W. Sargent, Fitchburg
 V. Pres. H. I. Wallace..... "
 Treas. R. N. Wallis..... "
 Roadmaster, C. N. Glynn..... "
 Power sta. equip. 6 d. c. tot. 1675 kw; 1 a. c. 60 kw. 2400 v. 2 ph. 133 cys; 1990 hp. b. Dillon; 90 hp. turb. (wtr.); trolley volt. 600 v.
 Controls Whalom Park.
 40.694 miles; 4-8½ g; 60 cars. 118

FOXBORO. 3,863.

(See also No. 455a.)

422—Norfolk & Bristol St. Ry. Co.—Office, Foxboro. (Connects Norwood, Walpole, Foxboro, Mansfield and Wrentham.)
 Pres. L. A. Ford.....Boston
 Treas. R. Townsend..... "
 Audr. Geo. S. Davis.. 49 Federal St., "

Gen. Mgr. M. A. Cavanaugh,
 162 Harrishof St., Roxbury
 Claim Agt.
 Jas. T. Connolly....94 Milk St., Boston
 Supt. & Pur. Agt. F. M. Perry... Foxboro
 Ch. Engr. Pwr. Sta.
 E. E. King.....South Walpole
 M. M., Wm. J. Sheehan..... "
 Engr. M. of W., Wm. Cady... "
 Engr. Ovhd. Constr.
 E. L. Barrows..... "
 Power sta. equip. 3 d. c. Westg. tot. 825 kw; 1100 hp. e. Slater; 850 hp. b. Stir trolley volt. 575 v.
 Power sta. and repair shop at South Walpole.
 Reaches Lake View Park.
 21.739 miles; 4-8½ g; 22 motor cars and 1 other car; 3 plows. ★58

FRAMINGHAM. 15,860 (1915).

(See Nos. 404 and 439.)

FRANKLIN. 6,440.

(See No. 467.)

GARDNER. 16,376 (1915).

(See No. 398.)

GILBERTVILLE. 2,250.

(See No. 463.)

GLOUCESTER. 24,398.

423—Eastern Massachusetts St. Ry.—See Boston.
 Power sta. equip. 3 d. c. G. E., Westg. tot. 1500 kw; 2300 hp. e. Penn, Ham-Harris; 1270 hp. b. B. & W; trans. & trolley volt. 575 v. ★79

GREENFIELD. 12,618 (1915).

(See also No. 437)

424—Connecticut Valley St. Ry. Co.—Office, Greenfield. (Controlled by Massachusetts Consolidated Rys.) (Connects Greenfield, Deerfield, Whately, Hatfield, Turners Falls, Montague City, Hadley, Amherst and Northampton.)
 Pres. Chas. W. Hazelton.. Montague City
 V. Pres. & Gen. Mgr.
 D. P. Abercrombie, Jr.....Greenfield
 Clerk & Treas. H. A. Persons. "
 Audr. J. E. Donovan..... "
 Gen. Supt. John A. Taggart..... "
 Asst. Supt. E. W. Whalen..Northampton
 Claim Agt. Wm. S. Clark.....Greenfield
 Gen. Frt. & Pass. Agt.
 Leon Bolster..... "
 Ch. Engr. & Supt. of Way,
 Chas. W. Clapp..... "
 M. M., Frank Lape..... "
 Energy purchased from the Greenfield Elec. Lt. & Pwr. Co; trolley volt. 600 v.
 Repair shops at Greenfield.
 47 miles; 4-8½ g; 42 motor and 3 work cars; 4 snow plows. ★69

425—Massachusetts Consolidated Rys.—Office, Greenfield. (Controls through stock ownership the Connecticut Valley St. Ry., the Northern Massachusetts St. Ry. Co. and the Concord, Maynard & Hudson St. Ry. Co.)
 C. D. Parker.....Boston
 R. L. Warner..... "
 R. M. Saltonstall..... "
 J. W. Stevens.....Greenfield
 F. E. Pierce..... "
 C. W. Hazelton.. Turners Falls
 Trustees { F. H. Payne.....Greenfield
 R. F. Tucker.....Boston
 R. E. Goodwin.. ..Concord
 E. C. Crosby Brattleboro, Vt.
 Treas. & Clerk,
 D. P. Abercrombie, Jr.,
 Greenfield 59

HADLEY, 2,666.

(See No. 424.)

HAVERHILL. 49,450 (1915).

426—Eastern Massachusetts St. Ry.
—See Boston.

Power sta. equip. 3 d. c. G. E. tot. 2200 kw; 2800 hp. e. Cpr., Cor., Green C. C; 1145 hp. b. Bab. & W; trans. and trolley volt. 575 v. ★79

427—Massachusetts Northeastern St. Ry. Co.—Office, 50 Merrimack St., Haverhill. (Controlled by the New Hampshire Elec. Rys.) (Formed by merger of the following street railway cos.: Amesbury & Hampton St. Ry. Co., Citizens' Elec. St. Ry. Co., Haverhill & Amesbury St. Ry. Co., Haverhill & Plaistow St. Ry. Co., Haverhill & South New Hampshire St. Ry. Co., Lawrence & Methuen St. Ry. Co. and the Lowell, & Pelham St. Ry. Co., in Massachusetts; Haverhill, Plaistow & Newton St. Ry. Co., Hudson, Pelham & Salem St. Ry. Co., and Seabrook & Hampton Beach St. Ry. Co. in New Hampshire.) (Operates in and connects Amesbury, Dracut, Haverhill, Lawrence, Lowell, Merrimac, Methuen, Newbury, Newburyport, Parker River (Old Town), Plum Island, Salisbury and Salisbury Beach, Mass., and Hampton Beach, Hudson, Hudson Centre, Nashua, Newton, Pelham, Plaistow, Salem, Seabrook and Seabrook Beach, N. H.) Pres. David A. Belden.....Haverhill V. Pres. & Gen. Mgr.

Ralph D. Hood..... " V. Pres. & Treas. Fred'k E. Webster " Supts. { Western Div. John H. Mathews, ..Salem N.H. Eastern Div. H. W. Mackay.....Amesbury

Supt. Lines & Bonding W. S. Mellon..... " Cashier & Paymaster Guy H. La Suer..... " Actg. Pur. Agt. Clifton L. Bartlett " Claim Agt. Harry B. Whitehouse. " Gen. Pass. Agt. George R. French " Elec. & Signal Engr. W. S. Mellon.. " M. M. Richard L. Jones, Salem Depot, N.H. Asst. Engr. & Roadmaster Russell J. Kimball.....Haverhill Energy from Rockingham County Lt. & Pwr. Co., Portsmouth, N. H; trans. volt. 13,200 v; trolley volt. 600 v. 7 sub-stas. tot. cap. 4450 kw. Repairshops at Salem Depot, N. H. Reaches Canobie Lake and Hampton, Salisbury and Plum Island Beaches. 127.598 miles; 4-8 1/2 gage. 140 mo. pass., 8 fgt. mo. and 17 other cars; 17 plows. ★59

428—New Hampshire Electric Railways—Office, 50 Merrimack St. (Holds securities of and controls Massachusetts Northeastern St. Ry. Co., Dover, Somersworth & Rochester St. Ry. Co., Rockingham County Lt. & Pwr. Co., Newmarket Elec. Co. and Granite State Land Co.) Pres. D. A. Belden.....Haverhill V. Pres. M. N. Buckner....New York, N.Y. Sec. & Treas. F. J. Horne " " 59

HOLYOKE. 60,816 (1915).

429—Holyoke St. Ry. Co.—Cor. North Bridge and Canal Streets (Connects Holyoke, Springfield, Northampton, South Hadley, South Hadley Falls, Chicopee, Chicopee Falls, Westfield, Amherst and Sunderland. Through cars run to Springfield over lines of Springfield St. Ry. Co., and to Northampton and Florence over the

Northampton St. Ry. Co's lines.) (Leases Mt. Tom R. R. Co., which owns an electric incline railway extending from Mountain Park, near Holyoke, to top of Mount Tom.)

Pres., Gen. Mgr. & Pur. Agt. Louis D. Pellissier.....Holyoke V. Pres. C. E. Mackintosh..... " Sec., Treas & Claim Agent Sherrie D. Nevin..... " Andr. G. F. Dinneen..... " Asst. Mgr. & Ch. Engr. Geo. E. Pellissier.....Springfield Supt. Geo. H. Hunter.....Holyoke Ch. Engr. Pwr. Sta. C. L. Sheldon..Berkshire St... " Roadmaster, Thos. Smith..... " Engr. Ovhd. Constr. Geo. Chapin..... " "

Power sta. equip. 4 d. c. G. E. tot. 3800 kw; 4900 hp. e. Penn; 2600 hp. b, Bab, & W; trolley volt. 575 v. Energy also purchased from Turners Falls Pwr. Co. (800 kw.) Power sta. at Berkshire St.; repair shops at Canal St. Reaches Mountain Park (owned), Hampton Ponds and Orient Springs. 71.809 miles; 4-8 1/2 g; 148 motor pass. and 36 other cars; 1 elec. loco. ★69

HOPKINTON. 2,452.

(See No. 444.)

HUDSON. 6,748.

(See No. 437.)

HYDE PARK. 15,507.

430—Eastern Massachusetts St Ry.—See Boston. Pwr. sta. equip. 3 d. c. G. E. tot. 1875 kw; 2900 hp. e. Penn, Greene; 1500 hp. b. Bab. & W; trans. and trolley volt. 575 v. ★79

LAKEVILLE. 1,491.

431—Eastern Massachusetts St. Ry.—See Boston. Energy purchased from New Bedford Edison Co; 2 rot. conv. G. E. tot. 1000 kw. Steam plant held as auxiliary; 1 d.c. West. 325 kw; 400 hp. e. Ham. Cor; 750 hp. b. A. & T; trolley volt. 600 v. ★79

LAWRENCE. 90,259 (1915).

(See also No. 427.)

432—Eastern Massachusetts St. Ry.—See Boston. Power sta. equip. 3 d. c. G. E. Westg. tot. 3365 kw; 5100 hp. e. Penn., Mcl. & S., W.-C; 2510 hp. b. Bab. & W; trans. & trolley volt. 550 v. ★79

LEOMINSTER. 17,646.

(See also No. 421.)

433—Worcester Consolidated St. Ry. Co.—See Worcester. Power sta. equip. 3 d. c. G. E., West. tot. 550 kw; 719 hp. turb. (wtr.) Hunt, Holy; trans. volt. 13,200 v; trolley volt. 650 v. (Also operated as a sub-sta.) 59

LEXINGTON. 5,538.

(See No. 444.)

LINWOOD. 1,400.

(See No. 463.)

LOWELL. 107,978.

(See also No. 427.)

434—Eastern Massachusetts St. Ry.—See Boston. Power sta. equip. 4 d. c. G. E. tot. 3500 kw; 1 a. c. Allis. 800 kw. 8 ph. 25 cys; 6295

hp.e.Cpr., Allis; 3200 hp. b. A. & T, Bab. & W; trans. volt. 6600 v. trolley volt. 550 v. ★79

LYNN. 95,803 (1915).

435—Nahant & Lynn Street Ry Co.—Office, foot of Washington St (Connects Nahant and Lynn.)

Pres. Thos. A. Kelly... 629 Summer St., Lynn
V. Pres. & Treas. Clifton Colburn, 38 Exchange St. "
Sec. W. H. Southwick, 319 Union St. "
M. M., H. L. Campbell..... Nahant
Power rented from Bay State St. Ry. Co.; trans. & trolley volt. 550 v; repair shops at Nahant.
6.79 miles; 4-8½ g; 17 cars. 59j

436—Eastern Massachusetts St. Ry.—See Boston.

Power sta. equip. 7 a. c. G. E. tot. 3950 kw; 5450 hp. e. W.-C, H.-C Westg, Cpr. 3400 hp. b. Bab. & W., A. & T; trolley volt. 550 v. ★79

MALDEN. 48,907 (1915).

(See Nos. 401 and 402.)

MARLBORO. 15,250.

(See Nos. 404 and 471.)

MAYNARD. 6,770.

437—Concord, Maynard & Hudson St. Ry. Co.—Gen. office, Greenfield; local office, Maynard. (Connects Concord, So. Acton, Maynard, Stow, West Acton and Hudson.) (Controlled by the Massachusetts Consolidated Railways.)

Pres. & Claim Agt. Chas. H. Persons..... Maynard
V. Pres. & Gen. Mgr. D. P. Abercrombie, Jr..... Greenfield
Audr. John E. Donovan..... "
Gen. Supt. John A. Taggart... "
Pur. Agt. F. A. Persons..... "
Asst. Supt. R. S. Warden Maynard
Ch. Engr. Chas. W. Clapp..... Greenfield
Ch. Engr. Pwr. Sta. W. L. Stone.. Maynard
M. M., Arthur Webber..... "
Power sta. equip. 2 d. c. Westg. tot. 500 kw; 700 hp. e. Slater; 600 hp. b. Bab. & W; trans. & trolley volt. 500 to 550 v.
Power sta. and repair shop at Maynard.
18.15 miles; 4-8½ g; 16 cars. 118

MEDFORD. 80,509 (1915).

(See No. 401.)

MELROSE. 16,880 (1915).

(See No. 401.)

MERRIMAC. 2,202.

(See No. 427.)

METHUEN. 14,007 (1915).

(See No. 427.)

MIDDLEBORO. 8,631.

(See Nos. 441 and 462.)

MILFORD. 13,684.

(See also No. 467.)

438—Milford, Attleboro & Woonsocket St. Ry. Co.—Gen. Office, 107 Main St., Worcester (Controlled by the New England Investment and Security Co. Worcester, Mass.) (Connects Woonsocket, Milford, Franklin, Plainville, Blackstone, Hopedale, Mendon, Wrentham.)
Pres. Francis H. Worcester

V. Pres. Clark V. Wood
Mass. Mutual Bldg., Springfield
Clerk, F. P. McIntyre..... "
Mass. Mutual Bldg., "
Treas. Leverett Candee..... "
Mass. Mutual Bldg., "
Audr. J. W. Jamieson..... "
Mass. Mutual Bldg., "

Gen. Mgr. H. C. Page..... Worcester
Supt. F. S. Hunnewell..... Attleboro
Pur. Agt. J. F. McCabe

Mass. Mutual Bldg., Springfield
Pass. & Fgt. Agt. R. E. Cosgrove
Mass. Mutual Bldg., "

Elec. Engr. W. L. Harwood... "
Engr. M. of W. & Struct. Howard Whitney..... "

Mass. Mutual Bldg., "
Engr. Pwr. Sta. E. R. Swift.... Franklin
Foreman Car Inspectors, D. J. Buckley..... "

Power sta. equip. at Franklin; 2 d. c. Westg. tot. 575 kw; 750 hp. e. F. & S; 600 hp. b. Bab. & W; trolley volt. 600 v.

Repairshops at Franklin.
29.79 miles (owned), .25 miles (track rights); 4-8½ g; 9-closed, 14 open pass., 2 fgt., and 5 work cars; 8 snow plows. ★59

439—Milford & Uxbridge St. Ry Co.—Office, 76 E. Main St. (Owns

Milford, Holliston & Framingham St. Ry. Co., and operates Upton St. Ry. a part of Grafton & Upton R. R. and Medway & Dedham St. Ry. Co.) (Connects Framingham, Holliston, Milford, Mendon, Hopedale, Uxbridge, Medway, Hopkinton, Upton, Franklin, Millis, Medfield, Westwood, Dedham and North Grafton.)

Pres. D. E. Manson
201 Devonshire St., Boston
V. Pres., Sec. & Claim Agt. Wendell Williams..... Milford

Treas. Jas. E. Walker..... "
Audr. C. H. Tenney Co.
201 Devonshire St., Boston

Supt., Park Mgr. & Pur. Agt. Walter L. Adams..... "

Elec. Engr. & M. M. F. Bethel... "
Ch. Engr. Pwr. Sta. F. M. Daniels. "

Roadmaster, H. Rogers..... "
Energy purchased from New England Power Co.; trans. volt. 12,200 v; trolley volt. 575 to 600 v.

3 sub sta., tot. cap. 2100 kw., 4 rot. conv., 1 mo. gen. set.
Repairshops at Milford.

Owns Lake Nipmuc Park and reaches Wausahakum Park.
71 miles; 4-8½ g; 44 motor pass., 1 fgt. motor and 4 other cars. ★59

MILLBURY. 5,226.

440—Worcester Consolidated St. Ry. Co.—See Worcester.

Power sta. equip. 2 a. c. G. E. tot. 11,000 kw. 12,200 v. 3 ph. 25 cys; 3280 hp. b. Edge; 11,000 kw. stm. turb. G. E.; 2 rotary converters G. E. tot. 600 kw; trans. volt. 11,000 and 12,200 v; trolley volt. 600 v. 59

NATICK. 11,119. (1915).

(See No. 444.)

NEW BEDFORD. 115,000. (1917.)

(See also No. 401.)

441—New Bedford & Onset St. Ry Co.—Office, Purchase & William St. (Connects New Bedford, Fairhaven, Mattapoisett, Marion, Wareham, Onset, Bourne, Buzzard's Bay, Cape Cod Monument Beach, So. Wareham, Tremont, Rock, Canal and Middleboro.)

Pres. H. H. Crapo..... New Bedford
V. Pres. E. S. Wilde..... "
Sec. Edw. T. Pierce..... "
Treas. E. F. Nicholson..... "

Gen. Supt. & Pur. Agt.
 Geo. F. Dole..... Wareham
Claim Agt. C. P. Rexford.. New Bedford
M. M., W. E. Parker..... Wareham
Roadmaster, F. R. F. Harrison. "
Fgt. Mgr. Chas. T. Battey.. New Bedford
 Energy purchased from New Bedford
 Gas & Edison Lt. Co. 2 rot. conv. G. E.
 tot. 900 kw. 3 ph. 60 cys; trans. volt.
 23,000 v; trolley volt. 600 v.
 Repair shop at Wareham.
 Owns and reaches Picnic Grove at
 Mattapoisett.
 44 miles; 4-8½ g; 29 pass. and 4 other
 cars; 4 snow plows. (Sells energy to South-
 eastern Mass. Pwr. & Elec. Co.) ★59

443—Union St. Ry. Co.—Office, 814
Purchase St. (Consolidation of New
Bedford & Fairhaven St. Ry., Acush-
net St. Ry. and Dartmouth & West-
port St. Ry.) (Connects New Bedford,
Fairhaven, Acushnet, Dartmouth, West-
port and Fall River.)
Pres. Henry H. Crapo..... New Bedford
V. Pres. Gen. Mgr. & Pur. Agt.
 Elton S. Wilde "
 Sec. Edward T. Pierce..... "
Treas. E. F. Nicholson..... "
Supt. Transp. C. B. Pierce.... "
Clim. Agt. Chester P. Rexford "
Gen. Fgt. C. T. Battey "
Supt. Equip. Arthur B. Fuller. "
Ch. Engr. Pwr. Sta.
 Manuel Luiz..... "
Engr. M. of W. & Engr. Ovhd.
 Constr. Thos. W. Williams. "
 Power sta. equip. 3 d. c. G. E., West.
 tot. 4300 kw; 1 a. c. G. E. 3125 kva. 445
 v. 6 ph. 60 cys; 3125 hp. b. Bab. & W;
 4000 kw. stm. turb. G. E., West; trolley
 volt. 600v.
 Power sta. and repair shop at New Bed-
 ford.
 Controls Fort Phoenix Park and Lincoln
 Park.
 64.17 miles; 4-4¼ g; 209 mo. pass. and
 25 other cars. ★78

NEWBURY. 1,590.

(See No. 427.)

NEWBURYPORT. 15,311.

(See Nos. 401 and 427.)

NEWTON. 43,118.

(See Nos. 444 and 449.)

NEWTONVILLE. 5,700.

443—Boston Suburban Elec. Com-
panies.—Office, 797 Washington St.,
Newtonville. (A voluntary association
and controls Norumbega Park Co. and
Middlesex & Boston St. Ry.)
Pres. Adams D. Claffin..... Boston
V. Pres. Sydney Harwood..... Newton
Sec. A. A. Ballantine..... Boston
Treas. Chas. Whipple Smith..... "
Asst. Treas. G. M. Cox..... Newtonville
 78

444—Middlesex & Boston St. Ry.
—Office, 797 Washington Street.,
Newtonville. (Controlled by Boston
Suburban Elec. Cos) (Connects
Arlington, Ashland, Bedford,
Billerica, Concord, Westboro, Hopkin-
ton, Lexington, So. Framingham, Nat-
tick, Wayland, Wellesley, Needham,
Newton, Waltham, Woburn, Belmont,
Sherburne and Watertown. Also oper-
ates over the Newtonville & Water-
town St. Ry.)
Pres. J. L. Richards Newtonville
V. Pres. & Gen. Mgr. G. M. Cox.. "
Clerk
 A. A. Ballantine ... 84 State St., Boston

Treas. E. M. Richards..... Newtonville
Asst. Treas. F. E. Frystrand.. "
Gen. Supt. Harry H. Hansen "
Claim Agt. Pitt F. Drew..... "
Pur. Agt. F. G. L. Henderson "
 No. 1
Supts. S. E. Walker..... Waltham
 No. 2
 of Jas. W. Sullivan Auburndale
 No. 3
Divs. F. P. Quackenbush..... Natick
 No. 4
 W. S. Scamman Lexington
 Energy purchased from Edison Elec.
 Illg. Co. of Boston; repair shops at Wal-
 tham, Natick and Lexington.
 Reaches Norumbega Park, Auburndale,
 and Lexington Park, Lexington.
 130.323 miles; 4-8½ g; 264 motor and 14
 other cars; 26 snow plows. ★59

NORTH ADAMS. 22,019.

(See also No. 450.)

445—Boston & Maine R. R.—General
office, Boston; Div. offices, North
Adams, Mass. (Operates by electricity
its trains through the Hoosac Tunnel.)
 For general officers see Boston.
Div. Supt. J. D. Bourne..... No. Adams
Elec. Supt. L. C. Winship.... "
 Power sta. equip. 2 a. c. Westg. tot.
 6000 kw. 11,000 v. 25 cys; 500 hp. e. Bab.
 & W; — kw. stm. turb. Westg.; 5500 hp.
 wr. turb. Westg; trans. volt. 11,000 v;
 trolley volt. 11,000 v. Energy also pur-
 chased from Berkshire Street Ry. Co.,
 Zylonite.
 Repair shop at North Adams.
 22 miles (elec) 4-8½ g; 7 elec. locos ★59

NORTHAMPTON. 21,654.

(See also No. 424.)

446—Northampton St. Ry. Co.—
Office, Locust & Hatfield Sta. (Connects
Northampton, Easthampton and Wil-
liamsburg.)
Pres. Henry M. Tyler..... Northampton
Treas. Supt. & Claim Agt.
 Harold J. Campbell..... "
Gen. Mgr. & Pur. Agt.
 Louis D. Pellissier..... "
Ch. Engr. Pwr. Sta.
 Arthur A. Austin..... "
M. M., Earl R. Warren..... "
 Power sta. equip. 5 d. c. tot. 810 kw;
 1200 hp. e. H. O. & R; 800 hp. b. Hol;
 trolley volt. 550 v.
 Power sta. and repair shop at Locust &
 Hatfield Sta.
 27.508 miles; 4-8½ g; 49 motor and 18
 other cars. ★59

NORTH ATTLEBORO, 9,562.

(See No. 399a.)

NORTHBORO. 1,797.

(See No. 471.)

NORTHBIDGE. 9,254.

(See No. 468.)

NORTON. 2,544.

448—Norton, Taunton & Attleboro
St. Ry.—Office Norton. (Successor to
Norton & Taunton St. Ry. Co.) (Con-
nects Norton, Attleboro, Mansfield and
Taunton.)
Ch. Engr. Pwr. Sta.
 F. J. Armstrong..... Norton
 Power sta. equip. 2 d. c. Walker. tot.
 500 kw; 800 hp. e. McI. & S; 800 hp. b.
 Bab. & W, Heine; trolley volt. 550 v.
 Power sta. and repair shop at Norton.
 Controls "Woodward Spring" Park.
 21.2 miles; 4-8½ g; cars leased. Com-
 pany carries fgt. and exp. matter. 87)

NORWOOD. 10,977 (1915).

(See No. 423.)

PALMER. 9,468.

(See No. 457.)

PARKER RIVER.

(See No. 427.)

PITTSFIELD. 89,607 (1915).

450—Berkshire St. Ry. Co.—Gen. Office, 129 Church St., New Haven, Conn. (Controlled by N. Y., N. H. & H. R. R.) (Connects Williamstown, No. Adams, Clarksburg, Adams, Cheshire, Dalton, Hinsdale, Pittsfield, Lanesboro, Lenox, Lee, Stockbridge, Great Barrington, So. Egremont and Sheffield.) (Leases the Vermont Co., which leases the Hoosick Falls R. R. Co. Operates the latter company by agreement with the Vermont Co.)

Pres. Howard Elliott..New Haven, Conn.
V. Pres. L. S. Storrs... " "

Clerk & Gen. Mgr. C. Q. Richmond.....Pittsfield

Treas & Asst. Clerk A. E. Clark.....New Haven, Conn.

Andr. I. A. May..... " "

Supts. { Geo. E. Green..Hoosick Falls, N. Y.
Alex. Shaw.....Pittsfield
W. T. Nary.....No. Adams

Pur. Agt. J. H. Sanford.....New Haven, Conn.

Claim Agt. A. M. Robinson.....Pittsfield

Supt. Pwr. Stas. H. K. Webber.....Zylonite & Adams

Ch. Engr. Pwr. & Equip. P. W. Ripple.....New Haven, Conn.

Ch. Engr. Pwr. Stas. C. H. Bastow...Pittsfield

M. M., James Watt..... " "

Power sta. equip. 9 d. c. G. E., Westg. tot. 3300 kw; 4 a. c. Westg. tot. 9000 kw.

870-11,000 v. 8 ph. 25 cys; 7500 kw. stm. turb. West; 2250 hp. e. R. & S; 5280 hp. b. Bab. & W., Big; trans. volt. 11,000 and 33,000 v; trolley volt. 600 v. Energy also purchased from New England Power Co.

9 sub-sta. tot. cap. 7250 kw; 19 rot. conv. Power stas. at East St., Pittsfield and Zylonite & Adams; repair shops at East St., Pittsfield.

Owns Berkshire Park, Berkshire, and Hoosick Valley Park, North Adams.

145.32 miles; 4-8½ g; 173 motor and 5 other cars. ★59

PLUM ISLAND.

(See No. 427.)

PLYMOUTH. 12,926.

451—Brockton & Plymouth St. Ry. Co.—Office, Plymouth. (Includes Pembroke St. Ry. Co. and Plymouth & Kingston St. Ry. Co., of Plymouth.) (Connects Plymouth, Kingston, Pembroke, Hanson, Whitman and Brockton.) Pres. A. Stuart Pratt, 147 Milk St., Boston V. Pres.

C. I. Litchfield, 176 Tremont St. " "

Clerk, Wm. T. Crawford, 147 Milk St., " "

Treas. Henry B. Sawyer " "

Gen. Mgrs. Stone & Webster " "

Claim Agt. James T. Conolly, 24 Milk St. " "

Local Mgr., Pur. Agt. & Elec. Engr. M. C. Smith.....Plymouth

Ch. Engr. W. R. Morton..... " "

M. M. Geo. Semple..... " "

Power sta. equip. 8 d. c. G. E. tot. 835 kw; 1 a. c. G. E. 800 kw. 3 ph. 25 cys; 1200 hp. e. McL. & S., Green, Whik., Brown; 600 hp. b. Kendall; trans. volt. 13,200 v; trolley volt. 575-550 v; also purchases energy from Bay State St. Ry. Co.

Power sta. and repair shop at Plymouth; sub-sta. at Bryantville.

Owns Mayflower Grove.

24,270 miles; 4-8½ g; 28 motor and 8 other cars. (Company sells energy.) 78

452—Plymouth & Sandwich St. Ry. Co.—Office, 406 Exchange Bldg., Boston. (Connects Plymouth and Manomet. Operates branch line from Sagamore to Sagamore Beach, 1¼ mi.)

Receiver Pres. John O'Day.....Boston

V. Pres. M. J. Cashman..... " "

Treas. & Gen. Mgr. Arthur Lovering..... " "

Actg. Supt. E. G. Peterson....Plymouth

Energy purchased from Brockton & Plymouth St. Ry. Co.

6.4 miles; 4-8½ g; 6 motor cars. (Contemplates using one-man cars.) ★19+

QUINCY. 40,674.

453—Eastern Massachusetts St. Ry.—See Boston.

Power sta. equip. 3 rot. conv. G. E. tot. 2250 kw; 5 a. c. G. E. tot. 10,000 kw. 3 ph. 25 cys; 7500 hp. b. B. & W., A. & T; 15,000 hp. turb. G. E; trans. volt. 13,200 v; trolley volt. 600 v. ★79

RANDOLPH. 4,784.

454a—Bristol & Norfolk St. Ry. Co.—Office, Randolph. (Connects Holbrook Sta., Randolph, North Stoughton and Stoughton.) (Operations suspended December 1, 1918.)

Pres. N. Thomson, 165 Second St., Chelsea

Sec. & Treas. M. C. R. Rosenthal " " "

Energy purchased from Bay State St. Ry. Co.; trolley volt. 550 v.

Repair shops at West St., Randolph.

Reaches Glen Echo Park, Stoughton (leased).

6.44 miles; 4-8½ g; 7 motor and 2 other cars. ★29j

READING. 6,805.

(See No. 401.)

REVERE. 25,178 (1915).

(See No. 401.)

ROCKLAND. 7,074.

(See also 401.)

454b—Eastern Massachusetts St. Ry.—See Boston.

Sub-sta. equip. G. E. rot. conv. tot. 900 kw. 3 ph. 25 cys; trans. volt. 13,200; trolley volt. 600 v. ★79

ROCKPORT. 4,351.

(See No. 401.)

SALEM. 43,697.

455—Eastern Massachusetts St. Ry.—See Boston.

Power sta. equip. 6 d. c. G. E., S. & H. tot. 2350 kw; 1500 kw. G. E. rot. conv. 600 v; 4000 hp. e. Ham., Cpr; 3200 hp. b. Natl., A. & T., Bab. & W. Edge; 1 turbo-gen. G. E. 2500 kw. 430 v. 6 ph. 60 cys; trolley volt. 600 v. ★79

SALISBURY. 1,622.

(See No. 427.)

SALISBURY BEACH.

(See No. 427.)

SHELburne Falls. 1,496.

456—Shelburne Falls & Colerain St. Ry. Co.—Office, Shelburne Falls, P. O. Box 605. (Connects Shelburne Falls, Shattuckville, Griswoldville, Lyonsville and Colerain.)

Pres.
Freeman L. Davenport, Shelburne Falls
V. Pres. Chas. W. Hawks " "
Clerk, Treas., Gen. Mgr. & Claim Agt.
Deane R. Ainsworth... Shelburne Falls
Andr. Frank. L. Reed... " "
Ch. Engr. Pwr. Sta. & M. M.
G. W. Smead..... " "
Power sta. equip. 3 d. e. G. E., Westg.
tot. 250 kw. 550 v; 150 hp. e. Fitch; 150
hp. b. Dillon; 200 hp. turb. (wtr.) Hol;
trans. & trolley volt. 550 v.
Power sta. and repair shop at Frankton.
7.43 miles; 4-8¼ g; 14 cars. (Freight
business.) Company sells energy. ★19

SOMERVILLE. 86,854.

(See No 402.)

SPENCER. 6,740.

(See No. 413.)

SPRINGFIELD. 102,971 (1915).

457—Springfield St. Ry. Co.—Office,
Mass. Mutual Bldg. (Controlled by
Springfield Railway Companies, which
is in turn controlled by New England
Investment & Security Co.) (Connects
Springfield, West Springfield, Ludlow,
Westfield, Huntington, Chicopee, Chicopee
Falls, Longmeadow, East Longmeadow,
Agawam, Palmer, Monson, Ware, No. Wilbraham, Russell and
Brimfield.)

Pres. Clark V. Wood.....Springfield
Special Asst. to Pres.

Howard R. Whitney..... " "

V. Pres. Francis H. Dewey... Worcester

Clerk, F. P. McIntyre.....Springfield

Treas. Leverett Candee..... " "

Andr. J. W. Jamieson..... " "

Gen. Mgr. Herbert M. Flanders " "

Pur. Agt. J. F. McCabe..... " "

Claim Agt. H. L. Osgood..... " "

Fgt. & Pass. Agt. R. E. Cosgrove " "

Elec. Engr. W. L. Harwood... " "

Div. { E. L. Putnam.....

Supts. { Roy Chambers..... Westfield

{ S. H. Sayles..... Palmer

M. M., Geo. S. Webb.....Springfield

Supt. Track, H. J. Sullivan..

Energy purchased from Turners Falls

Pwr. & Elec. Co.

Repair shop at Main & Bond Sts.

Owns Pequot and Forest Lake Parks.

191.35 miles (owned), 38 (track-right);

4-8¼ g; 414 pass., 12 express motor and

36 work cars; 35 snowplows or sweepers.

★59

459—Springfield Railway Companies—Office, Springfield. (Controls
the Springfield St. Ry. Co., and is in
turn controlled by the New England
Investment & Security Co.)

Pres. Francis H. Dewey..... Worcester

V. Pres. A. Willard Damon...Springfield

Sec. F. P. McIntyre..... " "

Treas. Leverett Candee..... " "

★59

STOUGHTON. 6,982.

(See No. 454.)

SWANSEA CENTRE. 2,558.

460—Swansea & Seekonk St. Ry.—
Office, Swansea Centre. (Successor to
Providence & Fall River St. Ry. Co.)
(Connects Fall River, Providence, Seekonk,
Rehoboth, Swansea and Somerset.)

Pres. Emery C. Kellogg.....Swansea

V. Pres. Willard C. Gardner..... " "

Sec. & Treas. Chas. W. Green... Warren

Supt., Fgt. Pass. & Pur. Agt.

J. H. Hearn.....Swansea Centre

Energy purchased from Narragansett

Elec. Lt. Co.

Repair shops at Swansea Centre.
10.12 miles; 4-8¼ g; 13 pass., 3 fgt.
and 1 work car. ★59

TAUNTON. 84,759.

462—East Taunton St. Ry. Co.—
Office, 28 Summer St. (Connects Taunton,
East Taunton, Lakeville and Middleboro.)

Pres. & Pur. Agt. M. A. Cavanaugh

162 Harrishof St., Roxbury

V. Pres. T. F. Cavanaugh.....Taunton

Treas. Jos. B. Murphy..... " "

Supt. J. P. Dunn..... " "

Energy furnished by Bay State St. Ry.

Co.

10.711 miles; 4-8¼ g; 18 motor, 1 fgt.

and 5 other cars; 2 snow plows. 126+

463—Eastern Massachusetts St. Ry.—
See Boston.

Sub-sta. equip. G. E. rot. conv. tot. 1500

kw. 2 ph. 25 cys; trans. volt. 13,200 v

trolley volt. 600 v. ★79

TEMPLETON. 4,081.

(See No. 398.)

WAKEFIELD. 12,781.

(See No. 401.)

WALPOLE. 5,490.

(See No. 422.)

WALTHAM. 30,154.

(See No. 444.)

WEBSTER. 12,565.

464—Webster & Dudley St. Ry. Co.—
(Leased to Worcester Consolidated St. Ry. Co. and controlled by the
New England Investment & Security Co.) (Operates in Webster.)

Pres. Francis H. Dewey..... Worcester

V. Pres. Clark V. Wood

Mass. Mutual Bldg., Springfield

Clerk, F. P. McIntyre

Mass. Mutual Bldg. " "

Treas. Leverett Candee

Mass. Mutual Bldg. " "

Andr. J. W. Jamieson

Mass. Mutual Bldg. " "

5.66 miles. 59

465—Worcester & Webster St. Ry. Co.—
(Leased to Worcester Consolidated St. Ry. Co. and controlled
by the New England Investment & Security Co.) (Connects Auburn, Oxford,
Webster and Worcester.)

Pres. Francis H. Dewey..... Worcester

V. Pres. Clark V. Wood

Mass. Mutual Bldg., Springfield

Clerk, F. P. McIntyre

Mass. Mutual Bldg. " "

Treas. Leverett Candee

Mass. Mutual Bldg. " "

Andr. J. W. Jamieson

Mass. Mutual Bldg. " "

16.55 miles. ★59

WEST BERLIN. 865.

(See No. 433.)

WESTFIELD. 18,411.

(See No. 457.)

WESTWOOD. 1,448.

467—Medway & Dedham St. Ry. Co.—
Office, 76 E. Main St., Milford. (Leased and operated by Milford &
Uxbridge Street Ry. Co.) (Connects Dedham, Medfield and Franklin.)

Pres. W. W. Ollendorff.....Medway

V. Pres. E. Worthington.....Dedham

Treas. P. A. Woodward.....Franklin
 Clerk, Geo. P. Holbrook.....Millis
 Supt. W. L. Adams.....Milford
 M. M., W. J. Sheehan.....Westwood
 Energy purchased from The Edison
 Elec. Illg. Co. of Boston.
 Repair shop at Westwood.
 20.30 miles; 4-8½ g; 12 cars. 59

WHITINSVILLE. 4,500.

468—Linwood St. Ry. Co.—Office,
 Whitinsville. (Operates in Northbridge
 and connects Linwood and Whitinsville.)
 Pres. Geo. B. Hamblin.....Whitinsville
 V. Pres. G. M. Whitin..... “
 Sec. & Treas. A. S. Noyes.... “
 Supt. Geo. Wilmot..... “
 Energy purchased.
 .795 miles (owned), 1.49 (leased), total
 2.285 miles; 4-8½ g; 7 cars. 59

WINTHROP. 12,758.

469—Point Shirley St. Ry. Co.—
 Office, 350 Atlantic Ave., Boston.
 (Owned by the Boston, Revere Beach &
 Lynn R. R. (steam.) Operates in Win-
 throp, between Beach Station and Point
 Shirley.)
 Pres. Melvin O. Adams.....Boston
 Treas. Henry L. Hoyt..... “
 Supt. John A. Fenno..... “
 1.2 miles; 4-8½g; 2 storage bat. cars
 and 1 auto bus. ★59

WOBURN. 16,410.

(See also No. 424.)

470—Eastern Massachusetts St.
 Ry.—See Boston.
 Power sta. equip. 4 d. c. G. E. tot. 3750
 kw; 6300 hp. e. Penn, Cpr, Cor.; 2400 hp.
 b. Bab. & W; trolley volt. 600 v. ★79

WORCESTER. 162,697 (1915).

(See also Nos. 404, 463 and 465.)

471—Worcester Consolidated St.
 Ry. Co.—Office, 70 Main St. (Con-
 trolled by the New England Investment
 & Security Co.) (Leases North End
 St. Ry., Worcester & Shrewsbury St.
 Ry., Worcester & Shrewsbury R. R.,
 Webster & Dudley St. Ry. and Wor-
 cester & Webster St. Ry.) Owns and
 operates railways in Worcester, Lei-
 ceester, Spencer, West Boylston, Ster-
 ling, Leominster, Fitchburg, Lancas-
 ter, Clinton, Berlin, Hudson, Boylston,
 Northborough, Marlborough, West-
 borough, Shrewsbury, Grafton, Mill-
 bury, Sturbridge, Southbridge, Charl-
 ton, Oxford, Auburn, Holden, Sutton,
 Northbridge, Uxbridge, Hopedale,
 Mendon, Milford, Blackstone, Millville,
 Southborough and Webster.

Pres. Francis H. Dewey..... Worcester
 V. Pres. Clark V. Wood
 Mass. Mutual Bldg., Springfield
 Clerk, F. P. McIntyre
 Mass. Mutual Bldg. “
 Treas. Leverett Candee
 Mass. Mutual Bldg. “
 Andr. J. W. Jamieson
 Mass. Mutual Bldg., “
 Gen. Mgr. H. C. Page..... Worcester
 Pur. Agt. J. F. McCabe
 7 N. Main St., Springfield

Claim Agt. H. E. Buswell..... Worcester
 Fgt. & Pass. Agt. R. E. Cosgrove
 7 N. Main St., Springfield
 { Line C. H. Briggs..... Worcester
 Pwr. Stae.
 Supts. { F. M. Finl vson..... “
 { Tra k F. A. Wilkin-son “
 { Transp. J. B. Gorman “
 { Southbridge Div.
 Wm. Walker, Charlton City
 Fitchburg Leominster Divs.
 Div. Supts. { G H. Burgess, Leominster
 { Blackstone Div.
 F. R. Burns..... Uxbridge
 J. L. Tully..... Worcester

Elec. Engr. W. L. Harwood
 7 N. Main St., Springfield
 Engr. Maint. of Way & Struct.
 Howard Whitney
 Mass. Mutual Bldg., “
 M. M., Alex J. McPherson..... Worcester
 Power plant equip. 2 a. c. G. E. tot.
 11,000 kw. 13,200 v. 3 ph. 25 cys; 3280 hp.
 b., Edge; 11,000 kw. stm. turb. G. E; 719
 hp. turb. (wtr.) Hunt, Hol; trans. volt.
 11,000-18,000 v; trolley volt. 600, 610, 625,
 650 v; energy also purchased from New
 England Pwr. Co.
 10 sub-sta. tot. cap. 12,100 kw; 22 rot.
 conv.

Power stas. at Millbury and Leominster;
 repair shops at Market St., Worcester.
 Reaches and controls Lincoln Park, Lake
 Quinsigamond, Worcester.
 261.75 miles (owned), 28.81 miles
 (leased), 13.29 miles (track rights) 4-8½
 g; 321 closed, 226 open pass., 20 fgt. and
 50 work cars; 33 snow plows; 4 sweepers
 and 2 locos. (Company sells energy.) ★59

472—New England Investment &
 Security Co.—Offices 107 Main St.
 (Controls Springfield Railway Cos.,
 Springfield St Ry. Co., Worcester Con-
 sol. St. Ry. Co., Milford, Attleboro &
 Woonsocket St. Ry. Co., Interstate Con-
 solidated St. Ry. Co., Attleborough
 Branch R. R. Co., Worcester & Webster
 St. Ry. Co. and Webster & Dudley St.
 Ry. Co.)

Pres., Clark V. Wood..... Springfield
 V. Pres. Chas. E. Ware..... Fitchburg
 Sec. F. P. McIntyre
 Mass. Mutual Bldg., Springfield
 Treas. Leverett Candee
 Mass. Mutual Bldg. “ 59

MICHIGAN.

ADRIAN. 11,458 (1916).

473—Adrian St. Ry. Co.—Office, 339
 Superior St., Toledo, O. (Controlled by
 the Toledo Trac., Lt. & Pwr. Co. which
 is controlled by the Cities Service Co.)
 Pres. & Gen. Mgr.
 Frank R. Coates..... Toledo, O.
 V. Pres (Ch. of Operation) “
 A. Swartz..... “
 Sec. & Treas. A. C. Van Driesen “
 Claim Agt. V. J. Waltz..... “
 Traffic Mgr. W. J. Chisholm.... “
 Energy from Toledo & Western R.
 R. Co.; trolley volt. 600 v; repair shops
 at Adrian and Sylvania, O.
 3.89 miles; 4-8½ g; 3 cars. 118

ANN ARBOR. 15,010

(See No. 477.)

BATTLE CREEK. 29,480.

(See No. 493.)

BAY CITY. 47,942.

(See No. 500.)

BENTON HARBOR 10,883 (1916)

474—Benton Harbor—St. Joe Ry.
 & Lt. Co.—Office, Benton Harbor.
 (Controls St. Joe River Route, Paw
 Paw Lake extension.) (Connects Benton
 Harbor, St. Joseph, Meadowbrook,
 Kings Landing, Sebago, Tabor, Eau
 Claire, Dowagiac, Coloma, Paw Paw
 Lake and Watervliet.)
 Pres., Treas. & Gen. Mgr.
 C. K. Minary..... Benton Harbor

V. Pres.
Henning Chambers.....Louisville, Ky.
Sec. L. W. Botts.....
Gen. Fgt. & Pass. Agt.
J. H. Pound.....Benton Harbor
Andr. Joe S. Minary.....
Supt. Transp. W. E. Welcher ..
Supt. Ovhd. C. C. Myers ..
Ch. Engr. Pwr. Sta.
Geo. J. Spalding.....
M. M. Jas. F. Logan.....
Civil Engr. & Roadmaster,
Ray Kenoyer.....
 Energy purchased from Indiana &
 Michigan Elec. Co; 3 mo-gen. sets G. E.
 tot. 1575 kw; trans. volt. 23,000 v; trolley
 volt. 550 v.
 Repair shops at Benton Harbor.
 Reaches House of David Park.
 54 miles; 4-8½ g; 35 city motor pass.
 10 inter. motor pass., 21 trall. and 6 other
 motor cars. (Company furnishes energy
 for lighting & mfg.) 59

BIRMINGHAM, 1,607.

(See No. 480.)

DETROIT 571,784 (1916).

475—Detroit, Almont & Northern
R. R.—Office, Interurban Bldg. (Con-
nects Romeo, Almont and Imlay City.)
 (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks..
V. Pres. & Andr. Irwin Fullerton ..
Sec. A. E. Peters.....
Treas. & Pur. Agt.
Allen F. Edwards.....
Asst. to Pres. W. E. Cann.....
Asst. Gen. Mgr. E. J. Burdick....
Gen. Supt. Harry Bullen.....
Supt. Pwr. M. F. Maury Werth...
Gen. Claim Attorney
W. E. Fitzpatrick.....
Asst. Gen. Claim Attorney
Geo. A. Chapman.....
Gen. Traffic Mgr. W. S. Rodger...
Gen. Pass. Agt. J. F. Keys.....
Gen. Fgt. & Exp. Agt.
Nathan Rumney.....
M. M., S. Potter.....Highland Pk.
Engr. M. of W., John Kerwin
 Harper & Mt. Elliott Aves., Detroit
 Energy from Detroit United Ry.;
 trolley volt. 550 v.
 Repair shops at Detroit and Rochester.
 Mileage and equipment included in re-
 port of Detroit United Ry. (Co. does ex-
 press & freight business.) 59

476—Detroit & Highland Park
R. R. Co.—Office, Interurban Bldg.
 (Connects Detroit and Highland Park.)
 (Controlled by Detroit United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks..
V. Pres. & Andr. Irwin Fullerton ..
Sec. A. E. Peters.....
Asst. Gen. Mgr. E. J. Burdick....
Asst. to Gen. Mgr. W. E. Cann....
Gen. Supt. Harry Bullen.....
Supt. Pwr. M. F. Maury Werth...
Gen. Claim Attorney
W. E. Fitzpatrick.....
Asst. Gen. Claim Attorney
Geo. A. Chapman.....
Gen. Traffic Mgr. W. S. Rodger...
Gen. Fgt. & Exp. Agt.
Nathan Rumney.....
Gen. Pass. Agt. Jno. F. Keys.....
Ch. Engr. & Engr. M. of W.
John F. Win
 Harper & Mt. Elliott Aves. ..
Signal Engr. C. Conway
 Harper & Mt. Elliott Aves., ..
M. M. Sylvester Potter...Highland Park
 Energy from Detroit United Railway;
 trolley volt. 550 v.
 Repair shops at Highland Park.
 Mileage and at equipment included in
 report of Detroit United Ry. 59

477—Detroit, Jackson & Chicago
Ry.—Office, Interurban Bldg. (Owns
 and operates a city system in Ann Arbor,
 also branch line from Ypsilanti to Saline)
 (Connects Jackson and Detroit, via Ann
 Arbor, Ypsilanti and Wayne; also
 Northville and Detroit via Plymouth
 and Wayne.) (Controlled by Detroit
 United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks..
V. Pres. & Andr. Irwin Fullerton ..
Treas. & Pur. Agt.
Allen F. Edwards.....
Sec. A. E. Peters.....
Asst. to Pres. W. E. Cann.....
Asst. Gen. Mgr. E. J. Burdick....
Gen. Supt. Harry Bullen.....
Supt. A. H. Cady.....
Asst. Supt. Pwr.
M. F. Maury Werth.....
Gen. Claim Attorney
Wm. G. Fitzpatrick.....
Asst. Gen. Claim Attorney
Geo. A. Chapman.....
Gen. Traffic Mgr. W. S. Rodger ..
Gen. Fgt. & Exp. Agt.
Nathan Rumney.....
Gen. Pass. Agt. Jno. F. Keys.....
Supt. Tracks, Jno Kerwin.....
M. M., Sylvester Potter...Highland Park
 Power sta. equip. 3 d. c. Westg. tot. 750
 kw; 8 a. c. Westg. tot. 2000 kw. 400 v. 3 ph. 25
 cys; 3686 hp. e. Westg; 2500 hp. b. Bab.
 & W. Stir; trans. volt. 22,500 v; trolley
 volt. 600 v.
 Power sta. and repair shop at Ypsilanti.
 110.52 miles; 4-8½ g; 36 closed pass.
 8 open pass., 5 express and freight and
 29 other cars. ★59

478—Detroit, Monroe & Toledo
Short Line Ry. Co.—Office, Inter-
 urban Bldg. (Controls Monroe Trac. Co.
 and includes Toledo & Monroe Ry.
 Co.) (Connects Detroit, Toledo, Monroe,
 Erie, Newport, Wyandotte, Trenton and
 Rockwood.) (Controlled by Detroit
 United Ry.)

Chmn. Bd. J. C. Hutchins.....Detroit
Pres. & Gen. Mgr. F. W. Brooks..
V. Pres. Treas. & Pur. Agt.
Allen F. Edwards.....
Sec. A. E. Peters.....
Andr. Irwin Fullerton.....
Asst. to Pres. W. E. Cann.....
Asst. Gen. Mgr. E. J. Burdick....
Gen. Supt. Harry Bullen.....
Supt. J. C. Huston.....Monroe
Supt. Pwr. M. F. Maury Werth...Detroit
Gen. Claim Attorney
Wm. G. Fitzpatrick.....
Asst. Gen. Claim Attorney
Geo. A. Chapman.....
Gen. Traffic Mgr. W. S. Rodger...
Gen. Fgt. & Exp. Agt.
Nathan Rumney.....
Gen. Pass. Agt. Jno. F. Keys.....
Ch. Engr. Pwr. Sta. T. E. Lloyd...Monroe
Supt. of Tract John Kerwin....
M. M., Sylvester Potter...Highland Park
 Power sta. equip. 5 a. c. Westg, Allis-C.
 tot. 4400 kw. 400 v. 3 ph. 25 cys; 1800
 hp. e. H. O. & R. Ham. Cor; 2000 hp. b.
 A. & T. Bab. & W; 3200 hp. turb. Westg.
 Allis-C; trans. volt. 16,500 v; trolley volt.
 650 v.
 Power sta. and repair shop at Monroe.
 Owns Monroe Piers.
 82.8893 miles; 4-8½ g; 26 closed pass,
 2 open pass., 4 express and 62 other
 cars. ★59

479—Detroit & Port Huron Shore
Line Ry. (Rapid Ry. System.)—
 Office, Interurban Bldg. (Includes
 the Rapid Ry., Detroit, Mt. Clemens
 & Marine City Ry., Port Huron, St.
 Clair & Marine City Ry., Detroit &
 Lake St. Clair Ry. and City Elec. Ry.
 Co. of Port Huron.) (Controlled by
 Detroit United Ry.)

Chmn. Bd. J. C. Hutchins Detroit
 Pres. & Gen. Mgr. F. W. Brooks.. "
 V. Pres. & Audr. Irwin Fullerton. "
 Sec. A. E. Peters..... "
 Treas. Allen F. Edwards "
 Asst. to Pres. W. E. Cann "
 Asst. Gen. Mgr. E. J. Burdick "
 Gen. Supt. Harry Bullen..... "
 Supt. W. M. Quackenbush.. Mt. Clemens
 Supt. Pwr. M. F. Maury Werth... Detroit
 Gen. Claim Attorney
 Wm. G. Fitzpatrick "
 Asst. Gen. Claim Attorney
 Geo. A. Chapman "
 Gen. Traffic Mgr. W. S. Rodger... "
 Gen. Fgt. Agt. Nathan Rumney... "
 Gen. Pass. Agt. Jno F. Keys..... "
 Roadmaster, Oliver Chapaton Mt. Clemens
 Divs. { Jno. McCarthy..... "
 Supts. { Jno. Reed Port Huron
 Supt. of Track John Kerwin.. "
 Power sta. equip. 4 a. c. Westg. tot. 2700
 kw. 3 ph. 25 cys; 3600 hp. e. Westg; 2200
 hp. b. Bab. & W., Stfr; 4800 hp. turb.
 West, Allis-C; trans. volt. 16,500 v;
 trolley volt. 625 v.
 Power house, New Baltimore; sub-
 stas. at Roseville, Mt. Clemens, Algonac,
 St. Clair and Port Huron; repair shops at
 Roseville and Port Huron.
 Owns club house, docks and amusemen
 grounds at Lakeside.
 188.23 miles (elec. & steam); 4-8½ g;
 57 closed pass. cars, 28 open pass. cars,
 7 express and freight cars and 45 other
 cars. ★59

480 - Detroit United Ry. - Office,
 Interurban Bldg. (Controls Detroit,
 Jackson & Chicago Ry., Detroit & Port
 Huron Shore Line Ry. (Rapid Ry.
 System), River Rouge Ry., Detroit,
 Monroe & Toledo Short Line Ry.,
 Detroit, Almont & Northern R. R.
 Detroit & Highland Park R. R. Co.
 and Sandwich, Windsor & Amherstburg
 Ry., Windsor, Ont., Can. Includes all
 street railway lines in Detroit and the
 following Interurban Divisions: Wyand-
 dotte, Orchard Lake, Pontiac, Flint
 and Grosse Pointe. (Connects Detroit,
 Royal Oak, Rochester, Oxford, Flint;
 Detroit, Birmingham, Pontiac; Detroit,
 Redford, Farmington and Northville.)
 Chmn. Bd. J. C. Hutchins..... Detroit
 Pres. & Gen. Mgr. F. W. Brooks.. "
 { E. W. Moore... Cleveland, O.
 V. Prests. { A. J. Ferguson, Montreal, Can.
 Treas. & Pur. Agt.
 { A. F. Edwards..... Detroit
 Sec. A. E. Peters..... "
 Asst. Sec. Emma Heise..... "
 Gen. Audr. Irwin Fullerton..... "
 Asst. Gen. Mgr. E. J. Burdick.... "
 Asst. to Gen. Mgr. W. E. Cann.... "
 Gen. Supt. Harry Bullen..... "
 Asst. Gen. Supt. Edward H. Ives.. "
 2nd Asst. Gen. Supt.
 Frank W. Brooks, Jr..... "
 Supts. { Leo Reynolds..... "
 of { D. A. Smith..... "
 Lines { Leon Snyder..... "
 { Percy L. Radcliffe (night)
 Gen. Claim Attorney
 Wm. G. Fitzpatrick..... "
 Asst. Gen. Claim Attorney
 George A. Chapman..... "
 Supt Pwr. M. F. Maury Werth... "
 Gen. Traffic Mgr. W. S. Rodger.. "
 Gen. Fgt. Agt. Nathan Rumney... "
 Gen. Pass. Agt. Jno F. Keys..... "
 M. M. Sylvester Potter... Highland Park
 Supt. of Tracks, John Kerwin... Detroit
 Detroit Stas. (Atwater and Rlopelle) 11
 d. c. G. E. Westg. tot. 10,900 kw; 2 a. c.
 G. E. Westg. tot. 10,500 kw. 6600 v. 3 ph.
 25 cys; 16,350 hp. e. Allis-C, F. & S; 11,200
 hp. b. Bab & W, Stfr; 10,500 kw. stm.
 turb. West, G. E.; trans. volt 6600 v;
 rolley volt. 575 v. Energy also from De-
 roit Edison Co. 14,500 kw.

Sub-Stas. (Birmingham, Farming-
 ton Junct. and Rochester) tot. d. c. gen.
 2650 kw. West. Allis-C; tot. a. c. gen. 3950
 kw. 400 v. 3 ph. 25 cys. West. Allis-C;
 5472 hp. e. _____; 4450 hp. b. _____;
 3000 kw. stm. turb. West. Allis-C; trans.
 volt. 16,500 v; trolley volt. 650 v. Energy
 also from Eastern Mich. Edison Co., 4000
 kw.
 Repair shops at Detroit.
 538.5677 miles (including Detroit & No.
 Western Div., Detroit & Pontiac Div.
 Detroit, Flint & Wyandotte Div., Detroit,
 Almont & Northern R. R. and Detroit
 & Highland Park R. R. Co.); 4-8½ g;
 1,701 closed pass., 188 open pass., 106
 express and fgt., 282 fgt. and constr.,
 37 service and line and 20 other cars; 4
 elec. locos; 4,551 motors and 3,771 trucks.
 ★59

481 - Michigan Central R. R. (De-
 troit River Tunnel Co.) - Office, M. C.
 R. R. Depot, Detroit. (Operates by elec-
 tric locomotives through tunnel under
 Detroit River, between Detroit, Mich.
 and Windsor, Ont.)
 Chmn. H. B. Ledyard..... Detroit
 Pree. A. H. Smith,
 Grand Central Station, New York, N. Y.
 V. Prests. { J. Carstensen..... "
 { Henry Ruessel..... Detroit
 Federal Mgr. E. D. Bronner..... "
 Ch. Engr. Col. Geo. H. Webb..... "
 Elec. Engr. J. C. Mock..... "
 Asst. Elec. Engr. C. G. Winslow... "
 Supt. Mot. Pwr. W. H. Flynn..... "
 Rd. Foreman of Engines,
 W. M. Apted "
 Energy purchased from Detroit Edison
 Co.; 2 mo.-gen. G. E. tot. 2000 kw; trans.
 volt. 4600 v. 3 ph. 60 cys; trolley volt.
 650 v. d. c.
 Repair shops at Detroit.
 26.1 miles; 4-8½ g; 10 Gen. Elec. locos.
 ★79

ESCANABA. 15,485 (1916).

482 - Escanaba Trac. Co. - (Connects
 Escanaba, Gladstone, Wells and Groos.)
 Pres. J. K. Stack..... Escanaba
 V. Pres. J. C. Kirkpatrick..... "
 Sec., Gen. Mgr. & Pur. Agt.
 P. L. Utley..... "
 Treas. M. N. Smith..... "
 Audr H. W. Reade..... "
 Supt. & Elec. Engr.
 Edwin F. Zuehlke..... "
 M. M., Edw. Anderson..... "
 Roadmaster, J. Burke..... "
 Power sta. equip.: 2 d. c. G. E. tot. 450
 kw. 550 v; 4 a. c. G. E. tot. 3750 kva.
 6600 v. 3 ph. 60 cys; 250 hp. e. F. & S;
 200 hp. b. Menominee; 7700 hp. turb.
 (wtr.) Leffel, Allis-C; trans. volt. 6600 v;
 trolley volt. 550 v.
 Power stas. at Groos, Chandlers and Es-
 canaba; repair shop at Escanaba.
 Reaches South Park and Moose Park.
 18.01 miles; 4-8½ g; 11 motor and 13 other
 cars. Co. furnishes energy for lgt. & pwr.
 service. ★19

FARMINGTON. 564.

(See No. 480.)

FILED CITY. 400.

(See No. 495.)

FLINT. 54,772 (1916).

(See No. 480.)

GLADSTONE. 4,211.

(See No. 482.)

GRAND RAPIDS. 128,291 (1916).

(See also No. 488.)

**483 - Grand Rapids, Grand Haven
 & Muskegon Ry. Co.** - Office, 162 Ot-
 tawa Ave., N. E. (Owns Grand Haven

St. Ry. Co. Connects Grand Haven, Muskegon and Grand Rapids.) (Controlled by United Lt. & Rys. Co.)

Pres. & Gen. Mgr.

W. K. Morley.....Grand Rapids
1st V. Pres. R. Schaddelee.. "
2nd V. Pres. Frank Hulswit "
Sec. L. H. Heinke..... "
Treas. C. M. Hurd..... "
Andr. L. E. Jones..... "
Trainmaster, V. A. Martin.....Fruitport
M. M. C. A. Sibert..... "
Roadmaster B. Rickard..... "Traffic Mgr. & Claim Agt.

S. L. Vaughan.....Grand Rapids
Energy purchased from Consumers Pwr. Co.; trans. volt. 17,500 v; trolley volt. 650 v. 4 sub-sta. (1 with auto. cont.) tot. cap. 2600 kw; 9 rot. conv.

Power sta. at Fruitport, rented to Grand Rapids-Muskegon Pwr. Co.; repair shop at Fruitport; sub-stas. at Coopersville & Walker.

Owms and operates Pomona Pleasure Park at Fruitport.

48 miles (trolley & 3d rail); 4-8½ g; 41 motor and 6 other cars. (Handles through freight to Chicago in connection with Goodrich Transp. Co. and to Milwaukee in connection with the Crosby Transp. Co. from Grand Haven. Also does local freight business.) ★59

484—Grand Rapids Ry. Co.—Office, 42 No. Ionia St. (Controlled through stock ownership by Commonwealth Pwr., Ry. & Lt. Co.)

Pres. & Gen. Mgr.

Benj. S. Hanchett.....Grand Rapids
V. Pres. B. C. Cobb.....New York, N. Y.
Sec. & Treas.

L. J. De Lamarter.....Grand Rapids
Asst. Sec'y & Asst. Treas.

Geo. Sprague, Jr.....New York, N. Y.

Andr. H. G. Kessler..... "

Supt. J. C. Madigan.....Grand Rapids

Pur. Agt. W. E. Livingston..... "

Claim Agt. F. M. Webster.. "

Energy purchased from Consumers Pwr. Co.

Reaches Ramona Park at Reeds Lake (owned), North Park and Comstock Park.

67.75 miles; 4-8½ g; 138 motor pass., 15 trail pass. and 27 other cars. 118

485—American Public Utilities Co.—Office, G. R. Savings Bldg., Grand Rapids. (Controls, through stock ownership, the following properties operated under the management of Kelsey, Brewer & Co.: Albion (Mich.) Gas Lt. Co., Boise (Idaho) Gas Lt. & Coke Co., Elkhart (Ind.) Gas & Fuel Co., Holland City (Mich.) Gas Co., Jackson (Miss.) Lt. & Trac. Co., Merchants' Public Utilities Co., Indianapolis, Ind., Merchants Ht. & Lt. Co., Indianapolis, Ind., Utah Gas & Coke Co., Salt Lake City, Utah, Valparaiso (Ind.) Ltg. Co., and Wisconsin-Minnesota Lt. & Pwr. Co.—operating in Eau Claire, La Crosse, Chippewa Falls and Menomonie, Wisc., and Winona and Red Wing Minn.)

Chmn. of Bd.

Chas. B. Kelsey.....Grand Rapids

Pres. & Gen. Mgr.

Joseph H. Brewer..... "

V. Pres. & Asst. Gen. Mgr.

Geo. H. Waring..... "

Sec. Blaine Gavett..... "

Treas. Willis J. Ripley..... "

Ch. Engr. L. B. Andrus.... "

★59

486—Commonwealth Pwr., Ry. & Lt. Co.—New York office, 14 Wall St. (Controls through stock ownership the Union Ry. Gas & Elec. Co., Springfield (Ohio) Lt., Ht. & Pwr. Co., Grand Rapids, Holland & Chicago Ry., Grand Rapids Ry. Co., Saginaw-Bay City Ry. Co., Michigan Lt. Co., Consumers Pwr. Co. (Me.), Manistee Ry. Co., Michigan Ry. Co., and Michigan United Rwy.)

Pres. Geo. E. Hardy....New York, N. Y.
V. Pres. C. M. Clark....Philadelphia, Pa.
Sec. & Treas. Jacob HekmaNew York N. Y.

Asst. Secs. & } C. A. Pearson, Jr.
Asst. Treasrs. } Philadelphia, Pa.

Geo. Sprague Jr. New York

★69

487—United Lt. & Rys. Co.—Offices, 701 Michigan Trust Bldg., Grand Rapids; Davenport, Ia., and 836 Commonwealth-Bldg., Chicago, Ill. (Controls through ownership of all or a large majority of the stock the following companies: Chattanooga (Tenn.) Gas Co.; Cedar Rapids (Ia.) Gas Co.; Cedar Rapids (Ia.) & Marion City Ry.; Ottumwa (Ia.) Gas Co.; Ft. Dodge (Ia.) Gas & Elec. Co.; La Porte (Ind.) Gas & Elec. Co.; Cadillac (Mich.) Gas Lt. Co.; Grand Rapids, Grand Haven & Muskegon Ry. Co.; Mason City (Ia.) & Clear Lake R. R. Co.; People's Gas & Elec. Co. (Mason City, Ia.) and Tri-City Ry. & Lt. Co., which serves Davenport, Iowa City and Muscatine, Ia., Rock Island, Moline, East Moline, Ill., and adjoining towns.)

Pres. Frank T. Hulswit....Grand Rapids

1st V. Pres. & Gen. Mgr.

Richard Schaddelee..... "

2d V. Pres. J. F. Porter. Kansas City, Mo.

Sec., Asst Treas. & Andr.

L. H. Heinke.....Grand Rapids

Treas. & Asst. Sec. C. M. Hurd, "

Asst. Gen. Mgr.

B. J. Denman..... Kansas City, Mo

Pur. Agt. Geo. G. Kuhn.... "

Consit. Engr. T. J. Weber...Grand Rapids

★69

HANCOCK. 12,079 (1916).

(See No. 489.)

HOLLAND. 12,360 (1916).

488—Grand Rapids, Holland & Chicago Ry.—(Connects Grand Rapids, Jenison, Jamestown, Zeeland, Holland and Saugatuck.) (Leased to Michigan Railway Co. (which see for operating officials) and controlled by the Commonwealth Pwr. Ry. & Lt. Co.)

Pres. J. F. Collins.....Jackson

V. Pres. B. C. Cobb.....New York, N. Y.

Sec. J. W. Glending.....Jackson

Treas. A. J. Bray..... "

Asst. Sec. & Asst. Treas.

S. E. Wolff.....New York, N. Y.

Energy purchased from Consumers Pwr. Co.; repair shops at Holland.

Reaches Macatawa Park and Ottawa Beach. Owms and operates Jenison Electric Park, an amusement resort.

76.48 miles; 4-8½ g; equip. included in report of Michigan Ry. Co. ★59

HOUGHTON. 8,000 (1914).

489—Houghton County Trac. Co.—(Does an electric railway business in Houghton and Keweenaw Counties, Mich., connecting the cities and towns of Houghton, Hancock, Red Jacket, Laurium, Lake Linden and Hubbell, and the mining locations of Quincy, Osceola, Wolverine, Allouez, Ahmeek and Mohawk.)

Pres. Harry T. Edgar

147 Milk St., Boston, Mass.

V. Prests. } Thos. N. Perkins " "

Sec. Alvah K. Todd.....Houghton

Treas. Henry B. Sawyer.... "

Asst. Treas. W. H. Kennedy...Houghton

Gen. Mgrs. Stone & Webster

147 Milk St., Boston, Mass.

Mgr. Earle L. Milliken.....Houghton

Supt. & Pur. Agt.
John Ralph, Jr. Hancock
Asst. Supt. & Claim Agt.
Harry Matthews. Laurium
Ch. Engr. Pwr. Sta.
W. B. Latimer. Houghton
M. M., Walter Wuebben. Hancock
Roadmaster, Emil Willberg. "
Power sta. equip. 1 d. c. Westg. 500 kw;
1 a. c. Westg. 500 kw. 380 v. 3 ph. 25 cys;
1500 hp. e. St. Louis, Cor., Brown; 625
hp. b. Kendall; trans. volt. 11,000 v;
trolley volt. 600 v; energy also purchased
from Houghton County Elec. Lt. Co.
8 sub-sta. tot. cap. 1420 kw; 3 rot., conv.
2 mo. gen.
Power stas. at Hancock; repair shop
at Hancock.
Owns Electric Park.
32.2 miles; 4-8½ g; 23 motor and 16
other cars. 78

IRON RIVER. 2,450.

490—Iron River, Stambaugh &
Crystal Falls St. Ry. Co.—Office.
First Nat'l Bank Bldg. (System will
consist of four different lines radiating
from Iron River; division in operation
connects Iron River, Stambaugh, Palatka
and Gaastra; another line is partly
finished to New Casplan, and a third
line is projected to the James locations,
2 miles north of town; work on main
line to Crystal Falls under way.)
Pres., Gen. Mgr. & Pur. Agt.
F. D. Sullivan. Iron River
V. Pres. G. J. Lange. Eau Claire, Wisc.
Sec. Arthur G. Sullivan. Madison, "
Treas. Geo. W. Robertson, Eau Claire, "
Andr. Fred Papan. Iron River
Supt. Jos. C. Hines. "
Gen. Fgt. & Pas. Agt.
E. S. Sullivan. "
Ch. Engr. C. A. Hutchinson. "
Ch. Engr. Pwr. Sta.
Chas. Branzell. "
Engr. M. of W. Daniel Finucan. "
Energy purchased from Peninsular
Pwr. Co: 1 d. c. G. E. 150 kw; 1 a. c.
West. 150 kw. 2300 v. 3 ph. 60 cys.
Repair shop and car barn at 105 E.
Genesee St., Iron River.
About 6 miles in operation; 4-8½ g; 5
motor and 1 other car. 67

IRONWOOD. 14,779 (1916).

491—Ironwood & Bessemer Ry. &
Lt. Co.—Office, 212 W. 2d St., Ash-
land, Wis. (Absorbed the Gogebic &
Iron Counties Ry. & Lt. Co., Ironwood.)
(Connects Ironwood and Bessemer,
Mich. and Hurley and Gile, Wisc.)
Pres. L. E. Myers
1117 Monadnock Bldg., Chicago, Ill
V. Pres. L. N. Bolsen
1117 Monadnock Bldg., " "
Sec. & Treas. W. H. P. Weston
1117 Monadnock Bldg., " "
Andr. E. J. Shaylor. Ashland, Wisc.
Gen. Supt. & Pur. Agt.
W. J. Hodgkins. " "
Dist. Mgr. Chas. Smeeth. Ironwood
Dist. Supt. E. L. Hinchliff. "
Asst. Supt. R. L. Bolsen. "
Supt. Street Ry., E. R. Smith. "
Ch. Engr. Pwr. Sta., B. F. Green. "
M. M., Fred Holt. "
Engr. Ovhd. Constr. F. F. Keefe. "
Power sta. equip. 2 d. c. G. E. tot. 600
kw; 6 a. c. G. E. tot. 2625 kw. 2200 v. 3
ph. 60 cys; 900 hp. e. Allis, W. C. Lane;
900 hp. b. Milw. H. S. & G; 750 kw. atm.
turb. G. E; 3750 kw. (wtr.) turb. Lef.
Allis-C; trans. volt. 33,000 v; trolley volt.
550 v.
2 sub-stas. tot. cap. 500 kw.; 1 rot. conv.
1 mo. gen. set.
Power stas. at Ironwood, Wakefield and
emer, Mich., and Saxon, Mellen and

Superior Falls, Wis.; repair shops at
Ironwood and Bessemer.

12.5 miles; 4 8½ g; 13 motor pass, 1 fgt.
motor and 2 fgt. cars. (Co. does a general
ltg. & pwr. business in Ironwood,
Bessemer and Wakefield, Mich; Hurley
and Saxon, Wis.) ★59

ISHPEMING. 12,448.

492—Michigan Gas & Elec. Co.—
Office, Ishpeming. Gen. office, Monad-
nock Bldg., Chicago, Ill. (Successor to
Marquette County Gas & Elec. Co.)
(A subsidiary of the Middle West Utili-
ties Co.) (Connects Ishpeming and Ne-
gaunee.)
Pres. L. E. Myers. Chicago, Ill.
V. Pres. G. W. Hamilton
72 W. Adams St., " "
Sec. E. V. Graham
72 W. Adams St., Chicago, Ill.
Treas. O. E. McCormick
72 W. Adams St., " "
Andr. & Dist. Mgr. J. D. McDougall
215 So. Main St., Ishpeming
M. M. Robt. Strangberg
215 So. Main St., "
Supt. Oper. Emery Cornish. Negaunee
Power sta. equip. 1 a. c. turbo-gen. G. E.
1500 kw; 275 hp. e. Ide; 1250 hp. b. Bab. &
W; trans. volt. 2300-11,500-13,200 v; trolley
volt. 600 v.
Power sta. and repair shops at Ne-
gaunee.
Reaches Cleveland Park (leased).
5 miles; 4-8½ g; 6 motor and 7 other
cars. Furnishes energy for lighting and
motors. ★59

JACKSON. 35,363 (1916).

(See also No. 494.)

493—Michigan United Railways
Co.—Office, Jackson. (Owns city sys-
tems of Lansing, Kalamazoo, Battle
Creek, Jackson and interurban roads
between Lansing and St Johns, Jack-
son and Battle Creek, Kalamazoo and
Battle Creek, Jackson and Lansing and
Lansing and Owosso.) (Leased to Mich-
igan Railway Co. (which see for operat-
ing officials) and controlled by the
Commonwealth Pwr. Ry. & Lt. Co.)
Pres. Myron W. Mills. Marysville
V. Pres. B. C. Cobb
14 Wall St., New York, N. Y.
V. Pres. & Gen. Mgr.
J. F. Collins. Jackson
Sec., J. W. Glendening. "
Treas. & Andr., A. J. Bray. "
Asst. Sec. & Asst. Treas.
S. E. Wolff. New York, N. Y.
Energy purchased from Consumers
Power Co.; trolley volt. 600 v.
Repair shops at Albion.
Reaches Pine Lake and Waverly Park,
Lansing; Oakwood Park, Kalamazoo;
Goguae Park, Battle Creek; Wolf Lake
and Vandercook Park, Jackson.
258.90 miles; trolley and third rail; 4-8½
g; equip. included in report of Mich. Ry.
Co. ★79

JAMESTOWN. 200.

(See No. 488.)

JENISON. 148.

(See No. 488.)

KALAMAZOO. 48,886 (1916).

(See also No. 492.)

494—Michigan Ry. Co.—Office, 219-
223 So. Mechanic St., Jackson. (Leases
Michigan United Rys. Co. (356 miles)

and Grand Rapids, Holland & Chicago Ry. (76.48 miles); also operates high speed line between Saginaw and Flint with a branch to Frankenthum (48.96); a line between Kalamazoo and Grand Rapids (58.01); and between Allegan and Battle Creek.) (Controlled by Commonwealth Pwr. Ry. & Lt. Co.)

Pres. B. C. Cobb
 14 Wall St., New York, N. Y.
 H. H. Crowell...989 Michigan Trust Bldg., Grand Rapids
 V. Prests. } Gen. Mgr.
 J. F. Collins.....Jackson
 F. Silliman, Jr. Philadelphia, Pa.

Sec. J. W. Glendening.....Jackson
 Treas. & Andr. A. J. Bray..... "
 Gen. Andr. H. G. Kessier
 c/o Hodenpyl, Hardy & Co., Inc.
 14 Wall St., New York, N. Y.
 Gen. Supt. C. E. Morgan.....Grand Rapids
 A. Sst. Gen. Supt. D. McLaughlin, Jackson
 Traffic Mgr. F. W. Brown..Grand Rapids
 Gen. Pass. & Fgt. Agt.
 G. B. Hunt.....Jackson
 Andr. Fgt. Accts. O. H. Degener "
 Pur. Agt. H. K. Sherman..... "
 Ch. Engr. H. D. Sanderson..... "
 Supt. Equipt. R. C. Taylor.....Albion
 Elecl. Supt. L. E. Curry.....Jackson
 Gen. Roadmaster F. M. Farley... "
 Supt. Northeastern Div.
 C. H. Smith..... "

Supts. { A. E. Green.....Kalamazoo
 Lee Custer..... Jackson
 City { C. L. McMahan...Battle Creek
 Lines { W. E. Roy Arney.....Lansing
 J. A. Rosenberger
 Owosso and Corunna

Energy purchased from Consumers Power Co.; repair shops at Saginaw (for Northeastern Div.)
 151.89 miles (overhead and 3rd rail); 4-8½ g; 241 motor pass., 13 trail pass. and 142 other cars. (Includes equip. of Mich. United Rys. Co. and Grand Rapids, Holland & Chicago Ry.) ★69

LANSING. 40,498 (1916).
 (See No. 493.)

MANISTEE. 12,381.

495—Manistee Ry. Co.—Office, 856 River St. (Connects Filer City, Oak Hill and Manistee.) (Controlled by Commonwealth Pwr., Ry. & Lt. Co.)
 Pres. Clyde J. Holmes.....Grand Rapids
 V. Pres.
 W. H. Barthold.....New York, N. Y.
 Sec. G. B. Dobbin.....Jackson
 Treas. J. W. Glendening..... "
 Asst. Sec. & Asst. Treas.
 S. E. Wolff.....New York, N. Y.
 Gen. Mgr. C. S. Kressler.....Manistee
 Energy purchased from Consumers Power Co.; trolley volt. 550 v.
 Repair shops at Manistee.
 Owns Orchard Beach Park on Lake Michigan.
 7.64 miles: 4-8½ g; 16 motor pass., 8 trail pass. and 3 other cars. ★69

MARQUETTE. 15,000 (1918).

496—Marquette City & Presque Isle Ry. Co.
 Pres.
 Rec'rs { Morgan W. Jopling, Marquette
 Fred. S. Case..... "
 V. Pres. N. M. Kaufman..... "
 Mgr. Chas. Retailic..... "
 Supt. C. E. Dodge..... "
 Ch. Engr. Pwr. Sta. West Paquette, "
 Power sta. and repair shop at Presque Isle Ave., Marquette.
 Reaches Presque Isle Park.
 6 miles; 4-8½ g; 18 cars. 118

MENOMINEE. 10,507.

497—Menominee & Marinette Lt. & Trac. Co.—Office, Menominee. (Connects Menominee, Mich. and Marinette, Wis.)
 Pres. Frank A. Spies.....Menominee
 V. Pres. G. A. Blesch..... "
 Sec. & Gen. Mgr. Edward Daniell "
 Treas. Harry J. Brown...Marinette, Wis.
 Andr. J. A. Faller..... "
 Pur. Agt. A. W. Raiche..... "
 Claim Agt. F. J. Trudell..... "
 M. M. & Engr. M. of W.
 Wilfred Bellmer..... "
 Power sta. equip. 3 a. c. Westg. G. E. tot. 3700 kw. 3 ph. 60 cys; 6100 hp. turb. (wtr.) Globe Dayton; trans. volt. 33,000 and 2200 v; trolley volt. 550 v.
 Power sta. on Menominee River 20 miles from Menominee; repair shops at Menominee, Mich. and Marinette, Wis.; sub-sta. at Menominee.
 Owns Lakeside Park, Marinette, Wis. 19.4 miles; 4-8½ g; 23 motor and 25 other cars. (Company does a general lighting (gas & elec.) and power business.) 59

MONROE. 6,898.
 (See No. 478.)

MUSKEGON. 26,100 (1916).
 (See also No. 493.)

498—Muskegon Traction & Lighting Co.—Office, 36 Morris St. (Connects Muskegon & Muskegon Hts.) (Controlled by the American Lt. & Trac. Co.)
 Pres. John Q. Ross.....Muskegon
 V. Pres. John T. Young....Grand Rapids
 Sec. Treas. & Andr. H. P. Lewis, Muskegon
 Gen. Supt., Ch. & Elec. Engr.
 Walter Eyke..... "
 Claim & Pur. Agt. H. S. Nelson "
 M. M., Chris. Dahl..... "
 Roadmaster, Chas. F. Warner.. "
 Energy purchased from Consumers Pwr. Co.; 2 rot. conv. West. tot. 1250 kw.
 Sub-sta. and repair shops at Franklin St. and Michigan Ave.
 Owns Lake Michigan Park.
 14.5 miles; 4-8½ g; 53 cars. Company furnishes gas lighting. 59

OWOSSO. 10,230 (1916).
 (See No. 493.)

PONTIAC. 17,524 (1916).
 (See No. 480.)

PORT HURON. 18,863.
 (See also No. 479.)

499—Grand Trunk Ry. Co. (St. Clair Tunnel Co.)—Office, Port Huron; General office, McGill St., Montreal, Can.
 Pres. Howard G. Kelley...Montreal, Can.
 Asst. to Pres. D. E. Galloway.. "
 V. Pres. W. D. Robb..... "
 V. Pres. & Treas., Frank Scott. "
 Comptroller, W. H. Ardley..... "
 Supt. W. D. Hall.....Port Huron
 Gen Pur. Agt. Geo. W. Caye, Montreal, Can.
 1st Engr. Geo. Mellon.....Port Huron
 Elecn. A. M. Green.....Sarnia, Ont.
 Power sta. equip. 2 a. c. turbo-gen. Westg. tot. 2500 kw. 3300 v. 3 ph. 25 cys; 350 hp. e. A. B. C.; 1600 hp. b. Bab & W; 3850 hp. turb. Westg; trans. volt. 3300 v; trolley volt. 3300 v. s ph.
 Power sta. at Military St., Port Huron; repair shops at Port Huron and Sarnia, Ont.
 19 miles (approx.) s. ph. catenary elec.; 4-8½ g; 6 (66-ton) elec. locos. ★59

ROCHESTER. 1,516.
 (See No. 480.)

ROMEO. 1,787.

(See No. 475.)

SAGINAW. 55,642 (1916).

500—Saginaw-Bay City Ry. Co.
—Office, Saginaw. (Owns and operates all street railway lines in Saginaw and Bay City and an interurban railway between the two cities.) (Controlled by Commonwealth Pwr., Ry. & Lt. Co.)
Pres. B. C. Cobb,

14 Wall St., New York, N. Y.

V. Prests. { H. T. Wickes Saginaw
J. E. Davidson Bay City
Gen. Mgr.
J. A. Cleveland Saginaw

Sec. J. W. Glendening Jackson
Treas. A. J. Bray "

Asst. Sec. & Asst. Treas.

S. E. Wolff, 14 Wall St., New York, N. Y.

Andr. H. G. Kessler "

Asst. to Gen. Mgr. & Park Mgr.

C. A. Lilley Saginaw

Gen. Supt., Horace E. Allen "

Claim Agt. P. J. Cunningham "

Pur. Agt. H. K. Sherman Jackson

M. M., M. M. Lloyd Saginaw

Roadmaster, R. B. Palmer "

Energy purchased from Consumers

Pwr. Co.; trolley volt. 550 v.

Repair shops at Saginaw.

Owns Riverside Park and Wenona

Beach on Saginaw Bay.

63.62 miles; 4-8½ g; 108 motor pass.

and 15 other cars. ★59

ST. JOSEPH. 5,986.

(See Nos. 292 and 474.)

SAUGATUCK. 621.

(See No. 488.)

SAULT STE. MARIE. 13,919 (1916)

501—Sault Ste. Marie Traction Co.
(Formerly Trans-St. Mary's Traction Co.)—Gen. office, Sault Ste. Marie. (Has traffic arrangements with International Transit Company's car and ferry line, Soo, Ont. Connects Sault Ste. Marie, Mich., and Algonquin.) (Controlled by The Lake Superior Corpn.)

Pres. W. C. Franz, Sault Ste. Marie, Ont.

V. Pres. Jas. Hawson " "

Sec. Alex. Taylor

Traders Bk. Bldg., Toronto, "

Treas. E. W. Shell, Sault Ste. Marie, "

Andr. F. M. Turnbull " "

Pur. Agt. L. L. Jacobs " "

Gen. Mgr. & Supt

Robert H. Taylor, Jr., " Mich.

M. M. Alex. McCready " "

Energy purchased from Michigan North-

ern Power Co.; trolley volt. 550 v.

Repair shop at Sault Ste. Marie, Mich.

7.52 miles; 4-8½ g; 8 motor pass., 2 trail

pass. and 2 other cars. ★79

STAMBAUGH. 1700.

(See No. 490.)

ZEELAND. 1,982.

(See No. 488.)

MINNESOTA.**BRECKENRIDGE. 1,840.**

(See also No. 1165.)

502—Wahpeton-Breckenridge St. Ry. Co.—Office, Breckenridge. P. O. Box 251. (Connects Wahpeton, N. D., and Breckenridge, Minn.)

Pres. Math. Braun Wahpeton, N. D.

V. Pres. Frank Mikache Breckenridge

Sec. E. H. Elwin "

Treas. R. T. Barber Wahpeton, N. D.

Gen. Mgr., & Pur. Agt.

Peter Schmitt Breckenridge

Energy purchased from Otter Tail Pwr.

Co., Wahpeton, N. D.; 2 d. c. G. E. tot.

150 kw; trans volt. 2200; trolley volt. 550 v.

Repair shops at Breckenridge.

Reaches Island Park.

1.144 miles; 4-8½ g; 2 motor cars. 115

DULUTH. 94,495. (1916.)

503—The Duluth St. Ry. Co.—Office, 2631 W. Superior St. (Operates all street railway lines in Duluth, Minn., and Superior, Wis. and reaches the following suburbs: Smithville, Morgan Park, Gary and New Duluth.) (On Sept. 1, 1917, acquired the property of the Park Point Traction Co.) (Owned by Duluth-Superior Trac. Co.)

Pres. A. M. Robertson Minneapolis

V. Pres. & Gen. Mgr.

Herbert Warren Duluth

Sec. & Treas. S. L. Reichert "

Audr. W. Dwyer "

Div. } H. H. Brown "

Supts. } Alfred Williams Superior

Pur. Agt. Otis Birdsall Duluth

Claim Agt. R. H. Wellington "

Ch. Engr. & Elec'l Engr. J. Carson "

M. M., R. J. Crawford "

Roadmaster, Thos. A. Armstrong "

Energy purchased from Great Northern

Power Co.; trans. volt. 30,000 v; trolley

volt. 600 v.

Repair shops at 26 Ave. W. & Superior

St., Duluth, Park Point and 4th St. &

Ogden Ave., Superior, Wis.

Reaches Lester, Chester, Congdon, Lin-

coln, Fairmount Parks and Park Point in

Duluth, and Billings City Park in

Superior.

103.88 miles; 4-8½ g; 147 pass. motor

and 19 other motor cars. 118

505—The Duluth-Superior Traction Co.—Office, 2631 W. Superior St. (This is a holding company, and owns and controls the Duluth St. Ry. Co., Superior Rapid Transit Co., Lakeside Ry. Co. and Motor Line Co.)

Chmn. of Bd.

A. E. Ames Toronto, Ont. Can.

Pres. A. M. Robertson Minneapolis

V. Pres. & Gen. Mgr.

Herbert Warren Duluth

Sec. & Treas. S. L. Reichert 118

HASTINGS. 3,988.

(See Nos. 513 and 519.)

HIBBING. 16,412 (1916)

(See No. 515.)

INTERNATIONAL FALLS. 1,487

506—American Traction Co.—Office, 840-48 Security Bldg., Minneapolis. (Connects International Falls, Ranier and South International, Minn., and St. Frances, Ont.)

Pres. A. L. Sortor Minneapolis

V. Prests. } Chas. M. Andrist " "

} L. L. Enger "

Sec. & Treas.

L. H. Nord International Falls

Audr. Geo. R. Wiar Ranier

Gen. Mgr. R. B. Kook, International Falls

Engr. M. of W., Jos. Batdorf " "

6.76 miles; 4-8½ g; 2 gasoline, 1

Edison storage battery and 9 other

cars. (Electrification contemplated.) 127

MANKATO. 10,365.

507—Mankato Elec. Trac. Co.—
Office, 1101 No. Broad St. (Owned and operated by Mississippi Valley Elec. Co., Iowa City, Ia.)
Pres. J. O. Schulze.....Iowa City, Iowa
V. Pres. & Treas. J. H. Rohret " "
Sec. F. N. Sueppel..... " "
Supt. & Pur. Agt. A. Mueller.....Mankato
M. M., R. S. Williamson..... " "
Energy purchased from Consumers Pwr. Co.; trolley volt. 550 v.
Repair shops at 1101 No. Broad St.
5.3 miles; 4-8½ g; 8 motor and 2 other cars. 118

MAVIE.

(See No. 514.)

MINNEAPOLIS. 863,454 (1916).

(See also No. 506.)

508—Minneapolis, Anoka & Cuyuna Range Ry. Co.— Office, 4200 Washington Ave., No. Gen. Office Anoka. (Connects Minneapolis and Anoka.)
Pres. C. P. Bratnober.....St. Paul
1st V. Pres.
J. M. Junge.. Pills and Terr Rd. " "
2d V. Pres.
Henry Junge.. " " "
Sec. H. H. Stevens.....Minneapolis
Treas. F. H. Stevens..... " "
Compt. H. J. Draheim
Pills and Terr Rd., St. Paul
Audr., Gus Peterson.....Anoka
Gen. Mgr. A. E. Appleyard.. Minneapolis
Supt. & Pur. Agt. A. A. Kranhold..Anoka
Gen. Fgt. Agt. H. G. McNeely...St. Paul
Elec. Engr. M. M. & Engr. Pwr. Sta.
Ed. Marander.....Anoka
Energy purchased from Minneapolis Gen. Elec. Co.
2 sub-stas. tot. cap. 600 kw; 2 rot. conv. Car barn and repair shop at Anoka.
19.21 miles (3.77 miles leased); 4-8½ g; motor pass., 1 other motor and 4 other cars; 1 elec. loco. 118

509—Minneapolis, Northfield & Southern Ry.—(Formerly Minneapolis, St Paul, Rochester, & Dubuque Elec. Trac. Co.)—Office, 54th St. & Nicollet Ave. Minneapolis. (Connects Minneapolis, St Louis Park, Savage, Lakeville, Northfield and intermediate points.) (On Dec. 18, 1917 the 14-mile cut-off, extending from Otto Jct. to Luce Line Terminal, was purchased under foreclosure, by C. T. Jaffray and associates representing the bondholders' committee.)
Pres. Jas. H. Ellison.....Minneapolis
V. Pres. H. A. Whittier.....Northfield
Sec. R. H. Benham.....Minneapolis
Treas. W. O. Winston..... " "
Audr. E. Graham..... " "
Gen. Supt. M. J. Dovsky..... " "
M. M.
A. F. Morris..60th St. & Nicollet Ave. " "
Roadmaster
Frank McSweeney.....Northfield
Repair shops at 60th St. & Nicollet Ave. Owns and reaches Antlers Park.
52 miles; 4-8½ g; 3 mo. pass., 2 trail pass., 2 fgt. mo. and 28 fgt. cars. ★59

510—Twin City Rapid Transit Co.
—Gen. office, 11th Street and Hennepin Ave., Minneapolis. (Controls the Minneapolis Street Ry. Co., The St. Paul City Ry. Co. and The Minneapolis & St. Paul Suburban R.R. Co.) (Connects Minneapolis, St. Paul, Stillwater, Excelsior and Lake Minnetonka.) (The Transit Supply Co., Minnetonka & White Bear

Navigation Co., and The Rapid Transit Real Estate Corp. are identified with same interests.)

Pres. Horace Lowry.....Minneapolis
1st V. Pres. E. W. Decker.... " "
2d V. Pres. J. R. Mitchell.....St. Paul
3d V. Pres. & Sec.
A. M. Robertson..... Minneapolis
Gen. Mgr. Foster Hannaford.. " "
Gen. Counsel W. Dwyer..... " "
Treas. E. A. Crosby..... " "
Audr. D. J. Strouse..... " "
Gen. Supt. J. J. Caufield.....St Paul
Div. Supt.

Donald Goodrich.....Minneapolis
C. aim } Minneapolis. Div. B.F. Winders
Agt. } St. Paul Div. C. E. Corbett
Asst. Gen. Pass. Agt.

W. O. Cline.....Minneapolis
Pur. Agt. Wm. Whiteford.....St. Paul
Engr. Pwr. & Equip.

E. H. Scofield.....Minneapolis
Engr. of Pwr. Sta.

Geo. Caywood..... " "
M. M., W. J. Smith.....St. Paul
Engr. M. W., Geo. L. Wilson..Minneapolis
Sched. Supt. H. W. Ralph.... " "

Park Supt. P. J. Metzendorf.....St. Paul
Power sta. equip. 6 a. c. G. E. tot. 65,000 kw. 13,200 v. 3 ph. 35 cys; 5000 hp. e. Allis-C; 15,400 hp. b. Bab. & W; 54,000 kw. turb. stm. G. E.; trans. volt. 13,200 v; trolley volt. 600 v.

Power stas. at 6th Ave. S. E. & Mississippi River, Minneapolis; repair shops at Snelling & University Aves., St. Paul. Owns Wildwood Park on White Bear Lake. Reaches all principal lakes and parks of the Twin Cities, also Lake Minnetonka, White Bear Lake and the St. Croix River.

451.4 miles; 4-8½ g; 1048 motor and 65 other cars. (9 steamboats on Lake Minnetonka.) ★59

510a—Water Works Filtration Ry.

(Munic.)—Office, City Hall. (Extends from 36th Ave. N. E. and Central Ave. to City Filtration Plant; connects with "Soo" Ry. outside of city limits. Carries supplies and employees of the City WaterWorks Dept. to Filtration Plant.)
City Engr. F. W. Cappelen..Minneapolis
Engr. in Charge W. N. Jones " "

Pur. Agt. A. S. Alexander.... " "
Energy purchased from Twin City Rapid Transit Co; trolley volt. 550 v.
Repair shop at Filtration Plant.
1,583 miles; 4-8½ g; 1 comb. pass. and freight motor car. ★59

MOORHEAD. 5,702 (1915).

(See No. 777a.)

ST. CLOUD. 11,817 (1916).

511—St. Cloud Public Service Co.
—Office, 507 St. Germain St. (Purchased and consolidated the following companies: Union Power Co., The Public Service Co. and Granite City Ry. Co.) (Leases St. Cloud Wtr. Pwr. Co.) (Connects East St. Cloud, Waite Park and Sauk Rapids with St. Cloud.)
Pres. A. G. Whitney.....St. Cloud
V. Pres. Sec & Audr. C. A. Slaney " "
Treas. Wheelock Whitney..... " "
Supt. Ry. W. N. Bethel..... " "
Elec. Supt. A. L. Brownell.... " "
Elec. Engr. George Marvin.... " "

Power sta. equip. 3 d. c. Tri. Sprague. tot. 450 kw; 9 a. c. G. E. Allis-C. tot. 8850 kw. 2400 v. 3 ph. 60 cys; 1000 hp. b. Helne; 1750 kw. turb. (stm.) Allis-C; 2100 hp. wtr. turb. Smith. Lef. Allis-C; trans. volt. 16,500 v; trolley volt. 550 v.

Power stas. and repair shop at St. Cloud. Reaches Athletic Park and Waite Park dancing and swimming pavillion.

10 miles; 4-8 1/2 g; 20 mo. pass. and 6 trail pass cars. (Sells energy for lighting and power.) ★59

ST. PAUL. 247,232 (1916).

(See also No. 510)

513 - Great Northern Ry. (CASCADE TUNNEL.)—Office, St. Paul. (Company has electrified road (2.7 miles) through Cascade Mts. in Washington.) Federal Mgr. W. P. Kenn-dy.... St. Paul
Treas. L. E. Katzebach "
Audr. F. A. Barnes.... "
Solicitor M. L. Countryman "
Atty. F. V. Brown.... "
Gen. Mgr. J. M. Gruber "
Claims Atty. D. H. Kimball "
Pur. Agt. F. A. Bushnell.... "
Gen. Fgt. Agt. P. H. Burnham... "
Gen. Pass. Agt. C. E. Stone.... "
Ch. Engr. A. H. Hogeland.... "
Signal. Engr. C. A. Dunham.... "
E.ec. Engr. E. Marshall..... "
Elec. Surt.

L. H. Telfer... Cascade Tunnel, Wash.
Mech. Engr. W. R. Wood..... St. Paul
Engr. Power Sta.
T. Mullen..... Leavenworth, Wash.
Engr. M. of W., J. R. W. Davis... St. Paul
Traffic Mgr. G. H. Smiton..... "
Power sta equip. 2 d. c. G. E. tot. 250 kw; 3 a. c. G. E. tot. 6000 kw. 6600 v. 3 ph. 25 cys; 12,000 hp. wtr. turb. Platt; trans. volt. 83,000 v; trolley volt. 6600 v 3 ph.
Power sta. on Wenatchie River 2.5 miles west of Leavenworth, Wash; repair shops at Cascade Tunnel.
6.5 miles elec.; 4-100 ton 3 ph. a. c. elec. locos. ★69+

513 - St. Paul Southern Electric Ry. Co.—Office, Hastings. (Connects St. Paul, South St. Paul, Inver Grove and Hastings.)

Receiver, —
Pres Irving Todd, Jr..... Hastings
V. Pres. Otto Ackerman..... "
Sec., Treas., Supt. & Pur. Agt.
R. M. La Belle..... "
Andr. Con. P. Kuckler..... "
Gen. Mgr. —
Elec. Engr. & M. M.
Louis Hoffman..... St. Paul
Ch. Engr. Pwr. Sta.
P. E. Sievert..... Pine Bend
Eng. M. of W. Gust Johnson... Hastings
Energy purchased from River Falls Pwr. Co.; 1 d. c. West. 30 kw. 1 rot. conv. West. 300 kw; trans. volt. 33,000v; trolley volt. 600 v.
Sub sta. at Pine Bend; repair shops at Inver Grove.
125 miles projected; 17.54 miles in operation; 4-8 1/2 g; 4 motor pass. cars and 1 other car. (Extension from Hastings to White Rock, 23 miles, under construction.) ★29+

THIEF RIVER FALLS. 3,714.

514 - Minnesota Northwestern Elec. Ry. Co.—Office, Cor. Second & Labree Aves., Thief River Falls. (Operates from Thief River Falls through Silverton and Mavie to Goodridge.)

Pres. & Treas.
Daniel Shaw..... Thief River Falls
V. Pres. D. N. Winton,
954 Security Bldg., Minneapolis, Minn.
Sec., Gen. Mgr. & Pur. Agt.
H. W. Protzeller..... Thief River Falls
Andr. E. M. Schutt..... "
Supt. of Mot. Pwr.
W. R. Patterson..... "
Repair shops at Thief River Falls.
19.87 miles; 4-8 1/2 g; 1 gas-elec. car. (Does freight business.) 59

VIRGINIA. 15,193 (1916).

515—Mesaba Ry. Co.—Office, Virginia. (Connects Virginia, Hibbing, Eveleth, Chisholm, Mountain Iron, Gilbert, Kinney, Buhl and Genoa.)
Pres.
Oscar Mitchell. Atworth Bldg., Duluth
V. Pres. Robert W. Watson
55 Liberty St., New York, N. Y.
Sec. A. S. Whiting, Atworth Bldg., Duluth
Treas. P. L. Saltonstall
53 State St., Boston, Mass.
Asst. Treas., Audr. & Pur. Agt.
Jay O. Bergeson..... Virginia
Supt. L. W. Hayes..... "
Claim Agts.
Washburn, Bailey & Mitchell... Duluth
Roadmaster, A. A. Johnson.... Virginia
Energy purchased from Great Northern Pwr. Co; trans. 22,000 v; trolley volt. 725 v. 1 sub-sta.; 2 mo. gen.
Power sta. and repair shops at Virginia.
35 miles; 4-8 1/2 g; 13 motor and 8 other cars. 59

WINONA. 18,583 (1916).

516—Wisconsin Ry., Lt. & Pwr. Co.—1410 First National Bank Bldg., Milwaukee, Wis. (Successor to the Winona Ry. & Lt. Co., and owns and operates the former property of the La Crosse City (Wis.) Ry. Co. and the La Crosse Wtr. Pwr. Co.)
Pres. Clement C. Smith... Milwaukee, Wis.
V. Pres. & Gen. Mgr.
J. P. Pulliam..... "
V. Pres. Peter Valier.... La Crosse. "
Sec. & Treas. Howard Greene " "
Atcg. Sec. & Treas.
H. C. Mackay..... "
Asst. Treas. S. M. Rothermel... Winona
Gen. Mgr. R. M. Howard..... "
Supt. Ry. C. Hedges..... "
Ch. Engr. Chas. A. Ewing... Milwaukee, Wis.
Supt. Elec. Dept. Geo. Benton.. "
Ch. Engr. Pwr. Sta.
E. H. Kirshner..... "
Pwr. sta. equip: 2 d. c. G. E. tot. 400 kw; 4 a. c. turbo-gen. G. E. Allis-C. tot. 11,300 kw. 4000-2300 v. 3 ph. 60 cys; 6500 kw. turb. G. E., Allis-C. 4800 hp. turb. (wtr.) G. E.; trans. volt. 44,000 v; trolley volt. 575 v.
Hydraulic sta. at Hatfield; steam reserve at Winona; trans. lines from Hatfield to Winona and La Crosse; repair shops at Winona.
7.5 miles; 4-8 1/2 g; 15 motor cars. Company does lighting and power business in Winona and Onalaska. ★59

MISSISSIPPI.

BILOXI. 9,670.

(See No. 519.)

COLUMBUS. 10,561 (1916).

517—Columbus Ry., Lt. & Pwr. Co.—Office, 512 Main St.
Pres. R. T. Fant..... Memphis, Tenn.
V. Pres. L. K. Salisbury... "
Sec. & Treas. R. B. Claggett, Greenville
Gen. Mgr. D. T. Gaston..... Columbus
Ch. Engr. Pwr. Sta. R. K. Anderson
15th St., South "
Power sta. equip. 1 d. c. G. E. 250 kw; 3 a. c. turbo-gen. G. E. tot. 750 kw. 2300 v. 3 ph. 60 cys; 1450 hp. e. H. F. & M, G. E; 1500 hp. b. Keeler, Bab. & W; trans. volt. 2300 v; trolley volt. 600 v.
Power sta. at 15th St. So; repair shops at 2d Ave., So.
Owns and reaches Lake Park.
6.8 miles; 4-8 1/2 g; 10 motor and 8 other cars. Co. does general lighting business. ★59

GREENVILLE. 10,846 (1916).

518—Delta Light & Traction Co.—
 (Successor to Delta Elec. Lt., Pwr. & Mfg. Co.) Office, Greenville.
 Pres. F. N. Robertshaw Greenville
 V. Pres. L. K. Salisbury.
 1209 Central Bk. Bldg. Memphis, Tenn.
 Sec. & Treas. R. B. Claggett. . . Greenville
 Audr. H. H. Harris. Memphis, Tenn.
 Supt. & Pur. Agt. E. J. Lenz. . . Greenville
 Ch. Engr. E. M. Foster. "
 Elec. Engr. Paul Aurswald. "
 M. M. John Fisher. "
 Power sta. equip. 1 d. c. G. E., 100 kw. 550 v. 3 a. c. G. E. West. tot. 550 kw. 2300 v. s. & 3 ph. 60 cys; 1 turbo-gen. West 470 kva; 1 rot. conv. kw; 200 hp. e. Rus.; 1200 hp. b. Vogt; 1470 kw. stm. turb. West G. E.; trans. volt. 2300 v; trolley volt. 500 v.
 Power sta. and repair shop at Greenville. Reaches park. 7.75 miles; 4-8½ g; 11 motor cars. (Co. does general lighting and power business.) ★19

GULFPORT. 6,386.

519—Gulfport & Mississippi Coast Traction Co.—(Purchased street railway and lighting plant of the Gulfport Development Co. and Biloxi Elec. Ry. & Pwr. Co.) (Connects Biloxi, Beauvoir, De Buys, Mississippi City, Gulfport, Long Beach, Harborview and Pass Christian.)
 Pres. W. T. Stewart. Gulfport
 V. Pres. J. A. Van Cloostre. "
 Sec. & Treas. J. C. Simpson. "
 Audr. J. H. Berman. "
 Gen. Mgr. & Pur. Agt.
 William A. Sullivan. "
 Supt. Transp. A. C. Scott. "
 Claim. Agt. W. A. White. "
 Elec. Engr. W. H. Pelaez. "
 Ch. Engr. Pwr. Sta. E. W. Crispen. "
 M. M., P. A. Engelhardt. "
 Power sta. equip. 2 a. c. G. E. West. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 2000 hp b. Bab. & W; 4500 hp turb. G. E. West; trans. volt. 13,200 v; trolley volt. 600 v.
 Power sta. at Gulfport; repair shops at Gulfport and Biloxi. 30 miles; 4-8½ g; 18 motor pass and 2 trail pass. cars; 2 elec. locos. (Co. furnishes energy for lighting.) ★79

HATTIESBURG. 16,482 (1916).

520—Hattiesburg Traction Co.—
 Office, 112 Main St. (Controlled by the Meridian Lt. & Ry. Co., which in turn is controlled by the Cities Service Co., 60 Wall St., New York City.)
 Pres. Frank W. Frueauff. New York, N. Y.
 V. Pres. { H. H. Scott. "
 { Gen. Mgr. & Pur. Agt. "
 { H. F. Wheeler. Hattiesburg
 Sec., Treas. & Audr. H. McDavid. "
 Ch. Engr. Pwr. Station L. L. Smith. "
 M. M., F. R. Hansen. "
 Power sta. equip. 3 a. c. West., Allis-C. total 2075 kva. 2200 v. 3 ph. 60 cys.; 1025 hp. b. Heine, A. & T.; 1000 kw. turb. (steam) West.
 1 rot. conv. and 1 mot. gen.
 Power sta. and repair shop at Hattiesburg. 8.5 miles; 4-8½ g; 13 passenger and 3 other cars. ★59

JACKSON. 29,737 (1916).

521—Jackson Lt. & Trac. Co.—
 Office, 504 E. Capitol St. (Controlled by the American Public Utilities Co.)
 Pres. Joseph H. Brewer.
 Svc. Bk Bldg., Grand Rapids, Mich.
 Sec. Blaine Gavett. "
 Treas. Willis J. Ripley. "
 Gen. Audr. R. L. Aage. "

Gen. Mgr. & Pur. Agt.
 L. O. Gordon. Jackson
 Supt. J. W. Browne. "
 Ch. Engr. Pwr. Plant
 J. Ross Sharpe. "
 M. M., J. C. Matthews. "
 Power sta. equip; 8 d. c. G. E. tot. 750 kw; 3 a. c. turbo-gen. G. E. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1559 hp. b. Sterling, Bab. & W; trans. volt. 2300 v; trolley volt. 600 v.
 Power sta. and repair shop at Tombigbee & Commerce Sts. 13.5 miles; 4-8½ g; 20 motor cars. Company furnishes electric and gas lighting. ★19

LAUREL. 11,779 (1916).

522—Laurel Lt. & Ry. Co.—Office, Laurel. (Connects Laurel and Ellisville.)
 Pres. Guy M. Walker
 60 Broadway, New York, N. Y.
 Ass't to Pres. Ray M. Walker. "
 Sec. & Mgr. S. M. Jones. Laurel
 Audr. J. J. Mundell. "
 Power sta. equip. 3 d. c. G. E., Allis-C tot. 500 kw; 3 a. c. G. E. Allis-C, tot. 1500 kw. 2300 v. 3 ph. 60 cys; 300 hp. e. F. & S; 1200 hp. b. Sterling; 1800 kw. stm. turb. Allis-C; trans. volt. 13,000 v; trolley volt. 650 v.
 Power sta. and repair shop at Laurel. Reaches park halfway between Laurel and Ellisville. 14 miles 4-8½ g; 11 motor and 3 other cars. (Company does general lighting and power business.) 78

MERIDIAN. 23,285.

523—Meridian Lt. & Ry. Co.—
 Office, 8th St. & 22nd Ave. (Controls the Hattiesburg Trac. Co. and is itself controlled by the Cities Service Co., 60 Wall St., New York City.)
 Pres. H. L. Doherty.
 60 Wall St., New York, N. Y.
 V. Pres. F. W. Frueauff. "
 2d V. Pres. Gen. Mgr. & Pur. Agt.
 H. E. Brandl. Meridian
 Sec. & Treas. L. H. Archer. "
 Supt. Ry. Ira H. McArthur. "
 Claim Agt. C. M. Wright. "
 Ch. Engr. Pwr. Sta.,
 O. C. Thippin. "
 M. M., A. J. Carter. "
 Roadmaster, J. T. Merrill. "
 Power sta equip. 1 rot. G. E. 600 kw; 1 d. c. C.-W 500 kw. 550 v; 3 a. c. G. E. tot. 4720 kw. 2300 v. 3 ph. 60 cys; 1775 hp. e. Heine Sterling; 2250 hp. b. Heine, Bab & W; 4000 hp. turb. (stm.) G. E; trans. volt. 2300 v; trolley volt. 550 v.
 Power sta. at 2nd St. & 27th Ave.; repair shop at 34th Ave. & 9th St. Reaches Highland Park. 13.12 miles; 4-8½ g; 23 motor and 15 other cars. (Company furnishes lighting and power.) 59

NATCHEZ. 11,791.

524—Southern Ry. & Lt. Co.—(Owns and operates the electric and gas plants in Natchez.)
 Pres & Gen. Mgr. Frank J. Duffy. Natchez
 V. Pres. E. H. Ratcliff. "
 Sec & Treas.
 J. W. Billingsley. New Orleans, La.
 Elec. & Ch. Engr. Wm. F. Cox. Natchez
 Power sta. equip. 3 d. c. G. E. tot. 400 kw; 3 a. c. G. E. tot. 650 kw. 3 ph. 60 cys; 1500 hp. e. R. & F., Nord, Uniflow, F. & S; 800 hp. b. Bab. & W; trolley volt. 550 v.
 Power sta. and repair shop at St. Catherine St. Reaches Concord Park. 4 miles; 4-8½ g; 3 cars. (Furnishes power and lighting.) 59

PASCAGOULA. 2,272.

525—Pascagoula St. Ry. & Pwr. Co.—
 Local office, Pascagoula; general
 office, Louisville, Ky. (Controls Moss
 Point & Pascagoula Ry. Co.) (Connects
 Pascagoula, Scranton, East Side and
 Moss Point.)
 Pres. & Gen. Mgr. S. S. Bush
 Columbia Bldg. Louisville, Ky.
 Sec. J. D. Winston"
 Treas. Columbia Trust Co.
 Gen. Supt. & Par. Agt.
 Louis J. Fehr.....Pascagoula
 Gen. Fgt. Agt. W. P. Cowles.....Moss Point
 Supt. Transp. A. Simms.....Pascagoula
 Ch. Engr. W. A. Ford....."
 Ch. Elec. Louis Blackbear.. .."
 M. M., Howard Walker....."
 Power sta. equip. 1 d. c. G. E. 225 kw; 1
 a. c. G. E. 150 kva. 2300 v. 3 ph. 60 cys;
 1 rot. conv. 150 kw; 500 hp. e. H. F. &
 M.; 800 hp. b. Bab. & W.; trans. volt. 2300
 v; trolley volt. 550 v.
 Power sta. and repair shop at Pasma-
 goula.
 8.26 miles; 4-8½ g; 10 motor pass., 3
 trail pass., 1 other motor and 4 other
 cars. (Does lighting and power business;
 also ice plant.) ★19

SCRANTON. 2,025.

(See No. 525.)

VICKSBURG. 22,816 (1916).

526—Vicksburg Lt. & Trac. Co.—
 Office, Vicksburg. (Connects Vicks-
 burg and Walters.) (Owned and op-
 erated by Union Utilities Co., which is
 owned by Elston & Co., Chicago, Ill.)
 Pres. I. C. Elston, Jr.
 1419 N. Y. Life Bldg., Chicago
 V. Pres. and Treas. Joseph N. McCallum
 New York Life Bldg., Chicago, Ill.
 Sec. C. S. Johnson"
 Gen. Mgr. E. S. Myers.....Vicksburg
 Supt. of Ry. J. D. Dugan....."
 Claim Agt. C. B. Booth"
 Par. Agt. T. J. Head....."
 Ch. Engr. Pwr. Sta. F. C. Rice.. .."
 M. M. Frank Horton....."
 Engr. Ovh'd. Constr."
 R. H. Countryman"
 Power sta. equip. 2 d. c. G. E. tot. 500
 kw; 3 a. c. turbo-gen. G. E. tot. 2750 kw.
 2300 v. 3 ph. 60 cys; 1500 hp. b. Stir, Heine;
 trans. volt. 2300 v; trolley volt. 550 v.
 Power sta. and repair shops at Pine St.
 Reaches Baseball and Suburban Parks.
 11 miles; 4-8½ g; 20 motor pass. and
 2 other motor cars. (Co. furnishes energy
 for lighting.) ★59

MISSOURI.

BONNE TERRE.

(See No. 531.)

CAPE GIRARDEAU. 10,775 (1916)

528—Cape Girardeau-Jackson In-
 terurban Ry. Co.—Office, 400 B'way,
 Cape Girardeau. (Leased to and op-
 erated by the Light & Development Co.
 of St. Louis.)
 Pur. Agt. H. M. Patton...Cape Girardeau
 Gen. Mgr. E. A. Hart....."
 Ch. Engr. Sayle Smith.... .."
 M. M. & Roadmaster"
 M. M. McLain....."
 Energy purchased from Missouri Public
 Utilities Co; 2 d. c. Westg. tot. 900 kw;
 800 hp. e. Fulton, Cor. Chase; 300 hp. b.
 O'Br; trolley volt. 600 v.
 Power sta. and repair shops at 506
 Main St.
 Reaches amusement park.
 10 miles; 4-8½ g; 9 motor and 3 other
 cars. ★79

CARROLLTON. 2,452.

529—Wtr., Lt. & Transit Co.—Office,
 Folger & 1st Sta., Carrollton.
 Pres. S. J. Jones.....Carrollton
 V. Pres. T. L. West....."
 Sec. P. L. Trotter....."
 Treas. J. O. Shinn....."
 Andr. Edwin Pettier....."
 Gen. Mgr. F. McDonald....."
 Ch. Engr. John White....."
 Supt. Ovh'd. Jack Tandy....."
 Power sta. equip. 2 d. c. Westg. tot. 250
 kw; 2 a. c. Allis-C. tot. 600 kw. 2300 v. 3
 ph. 60 cys; 400 hp. e. Ide, Ball, Fulton;
 700 hp. b. Stir, Mar; 400 kw. turb. (60m.)
 Allis C.; trans. volt. 2300 v; trolley Volt.
 550 v.
 Power sta. at South Carrollton; repair
 shop at Carrollton car barn.
 Amusement park, owned by company,
 under construction.
 1.625 miles; 4-8½ g; 5 motor and 2 other
 cars. (Co. does general lighting and
 power business.) 59

CASSVILLE. 781.

530—Cassville & Western R. R. Co.
 —Office, Cassville. (Connects Cassville
 and Exeter.)
 Pres. S. M. Mitchell.....Cassville
 V. Pres.
 O. H. Orendorf., Eureka Springs, Ark.
 Sec. W. T. Ayres.....Cassville
 Treas. C. M. Roberson.....Neosho
 Andr. S. C. Mitchell.....Cassville
 Gen. Mgr., Par. Agt. & Ch.
 Engr. L. B. Mitchell....."
 Gen. Fgt. & Pass. Agt. W. T. Priest .."
 Power sta. equip. 1 d. c. Ideal 300 kw;
 200 hp. e. Ideal; 250 hp. b. U. I. W; trolley
 volt. 600 v.
 Power sta. and repair shops at Cassville.
 Controls Electric Park.
 5 miles; 4-8½ g; 2 motor and 2 other
 cars. 67

FARMINGTON. 2,613.

531—St. Francois County R. R. Co.
 Office, Bonne Terre. (Connects Flat
 River on the north with De Lassus on
 the south, passing through Esther and
 Farmington.)
 Pres. M. P. Cayce.....Farmington
 V. Pres. & Gen. Mgr.
 F. J. Thomure.....Bonne Terre
 Sec. & Treas. F. H. Dearing.. .."
 Andr. G. A. Nees....."
 Gen. Atty. Edw. A. Rozier...Farmington
 Asst. Gen. Atty.
 Politte Elvins.....Bonne Terre
 Supt. Richard Doyle....."
 Gen. Fgt. & Pass. Agt.
 C. M. Swan....."
 Pur. Agt. Hans Schantl....."
 Asst. Pur. Agt.
 R. C. Deggendorf....."
 Power sta. equip. 2 d. c. W. E. tot. 300
 kw; 450 hp. e. Chase; 450 hp. b. Brnl.
 O'Br; trolley volt. 550 v.
 Power sta. and repair shop at Farming-
 ton.
 10 miles; 4-8½ g; 4 motor cars and 1
 other car. (Has freight traffic arrange-
 ment with Missouri-Pacific, Illinois
 Southern Ry. and Mississippi River &
 Bonne Terre Ry.) 79

HANNIBAL. 21,836 (1916).

532—Hannibal Ry. & Elec. Co.—
 Office, W. Market St. (Successor to
 Hannibal Traction Co.) (Connects
 Hannibal and Oakwood.)
 Pres. Wm. Mainland.....Oshkosh, Wis.
 V. Pres. & Treas.
 S. Mainland....."
 Sec., Gen. Mgr. & Pur. Agt.
 John S. Mainland.....Hannibal
 Andr. R. E. Chase.....Oshkosh, Wis.

Supt. Elec. Engr. & M. M.
Peter Swartz Hannibal
Energy from City of Hannibal; rotary converter, G. E. 200 kw. 575 v. 8 ph; rans. volt. 550 v; trolley volt. 575 v.
Repair shops at Oakwood and West Market St., Hannibal.
Reaches Settler's Park in Oakwood.
6 miles; 4-8½ g; 18 motor cars and other car. 78

INDEPENDENCE. 11,679 (1916).
 (See No. 536.)

JEFFERSON CITY. 13,494 (1916).

533 — Jefferson City Bridge & Transit Co.—Office, 101 E. High St., Jefferson City. (Connects Jefferson City, South Cedar City and North Jefferson.) (Part of Illinois Traction System.)
Pres. Geo. M. Mattis..... Peoria, Ill.
V. Pres. Thos. L. Price..... Jefferson City
Sec. & Treas.
G. R. McComb..... Champaign, Ill.
Audr. B. E. Bramble....
Gen. Supt.
R. F. Palmblade..... Jefferson City
Supt. H. J. Hallerorth....
Pur. Agt. H. J. Vance..... Peoria, Ill.
Energy purchased from Jefferson City Lt., Ht. & Pwr. Co. trans. volt 550 v.
Reaches Houchins Driving Park and State Park.
7 miles; 4-8½ g; 12 motor cars and 1 other car. ★59

JOPLIN. 32,216.
 (See Nos. 341 and 552.)

KANSAS CITY. 297,847 (1916).
 (See also Nos. 386, 387 and 341.)

534—Blue Valley Ry.—Office, 520 Railway Exchange Bldg. (Will connect Kansas City, Leeds and Swope Park.)
Pres. Alex Massey
514 Bryant Bldg., Kansas City
V. Pres. P. G. Walton
New England Nat. Bank, "
Sec. & Treas. B. J. Hickman "
Scarrett Bldg., "
Elec. Engr.
F. W. Wallenhaupt..... Independence
Ch. Engr. D. W. Pike..... Kansas City
Energy purchased from The Kansas City Rys. Co.
Reaches Blue River Park (controlled).
1.25 miles in operation; 4-8½ g; 9 cars. 59

535—Kansas City, Clay County & St. Joseph Ry. Co. (The Mo. Short Line)—Office, 530 Railway Exchange. (Connects Kansas City, Liberty, Excelsior Springs, and St Joseph.)
Pres. P. L. Saltonstall,
53 State St., Boston, Mass.
V. Pres. & Gen. Mgr.
J. R. Harrigan..... Kansas City
Sec., Treas. & Audr.
W. S. Tuley..... "
Gen. Supt Chas. W. Ford.... "
Supt. Transp.
J. A. Welmer..... North Kansas City
Claim & Pass. Agt. R. S. Mahan, Kansas City
Gen. Fgt. Agt., J. F. Holman "
Pur. Agt. E. T. Rowland..... "
Supt. Ovhd. Constr. Jos. Watts "
Supv. of Sub-stas. & Signals "
L. W. Brunner..... "
M. M., C. W. Day... North Kansas City
Roadmaster, Geo. Wagner "
Energy purchased from Kansas City Rys. Co.: West. transf; trans. volt. 33,000 v. a. c; trolley volt. 1250 v. d. c.
3 sub-sta. tot. cap. 3000 kw; 6 rot. conv., Repair shops at North Kansas City, Mo.

80 miles; 4-8½ g; 20 motor pass. 5 exp. motor, 9 box fgt. and 11 other cars. 1 Amer. Hoist & Derrick Co. elec; ditcher, 1 elec. loco. ★59

536—The Kansas City Rys. Co.—Office, 1500 Grand Ave. (On Feb. 15, 1916, assumed operation of all properties heretofore owned by the Metropolitan St. Ry. Co., The Kansas City Elev. Ry. Co., Central Elec. Ry. Co. and Kansas City & Westport Belt Ry. Co. Controls all lines of street railway in Kansas City and Rosedale, Kansas, Independence and Kansas City, Missouri and suburbs.)

Pres. Phillip J. Kealy..... Kansas City
Asst. to Pres. & Gen. Mgr.
F. G. Buffe..... "
Gen. Sol., Richard J. Higgins "
Sec. & Treas. J. A. Harder.... "
Audr. H. F. Mayer..... "
Asst. Audr.
Walter E. Anderson.. New York, N. Y.
Claims Atty. W. C. Swisher.. Kansas City
Pur. Agt. E. E. Stigall..... "
Publicity Mgr. E. B. Atchley.... "
Div. Repairs,
W. E. Harrington..... "
Empl. W. W. Stephens... "
Roll. Stk. & Shops
G. J. Smith..... "
Transp. D. L. Fennel.... "
Ch. Engr. of Way, Struct. & Distrbn,
A. E. Harvey..... "
Engr. of Way & Struct. H. W. Smith "
Ch. Engr. Pwr. Stas.
C. F. Obermier..... "
Pwr. Engr. Chas. D. W. Hogate.. "
Elec. Engr. S. H. Grauten..... "
Equip. Engr., Henry S. Day..... "
Pwr. sta. equip; 4 d. c. G. E., Walker tot. 4500 kw; 7 a. c. G. E., West. tot. 59,000 kw. 6600 v. 3 ph. 25 cys; 9000 hp. e. Allis-C; 27,620 hp. b. Bab. & W., Cabill; 50,000 kw. stm. turb. G. E., West; trans. volt. 6600 v; trolley volt. 600 v.
18 sub-stas. 3 with auto cont., tot. cap. 32,000 kw.]

Power stas. at 2nd & Grand Sts., Kansas City, Mo., and 3d & Central Ave., Kansas City, Kan; repair shop at 9th & Brighton Sts.
Reaches Fairmount Park, Electric Park and Swope Park.
302.477 miles; 4-8½ g; 701 motor pass., 23 trail. and 91 other cars; 4 elec. locos. (Sells energy for lighting.) ★59

KANSAS CITY. 91,658.
 (See also No. 536.)

536a—Kansas City, Lawrence & Topeka R. R. Co.—General office, 303 Victor Bldg., Kansas City, Mo. (Connects Kansas City, Rosedale, South Park, Merriam, Hockers Grove, Shawnee, Monravia, Aldens, Golf Links, Zarah and E. Zarah.)
Receiver P. W. Gobel, Kansas City, Kans.
Pres. & Pur. Agt.
F. P. Dickson..... Kansas City, Mo.
V. Pres. D. B. Johnson... Merriam, Kans.
Sec. & Treas.
W. S. Hocker..... Kansas City, Mo.
Supt. W. K. Paul..... Merriam, Kans.
Power sta equip. 3 d. c. Burke, tot. 400 kw; 600 hp. e. (gas) Weber; trolley volt. 550 v.
Energy purchased from Kansas City Railways Co.
Power sta. and repair shops at Merriam. Reaches Hockers Grove (controlled) Shawnee, and East Zarah.
12.75 miles; 4-8½ g; 10 motor pass., 1 exp. motor. 3 fgt. cars and 1 other car. (Contemplates building 52 single-track miles of interurban line between Zarah and Topeka during 1919). ★59

537—The Missouri & Kansas Interurban Ry. Co.—Office, Overland Park, Kans. (Connects Kansas City, Mo.,

Overland Park, Rosedale, Lenexa, and Olathe, Kan.)
 Pres. W. B. Strang.. Overland Park, Kans.
 V. Pres. H. C. Brent..... Kansas City Sec. & Treas.
 E. N. Daniels ... Overland Park, Kans.
 Gen. Mgr. & Pur. Agt.
 Thos. Riley..... " "
 Elec. Engr. H. F. Enykert " "
 Power sta. equip. 2 d. c. W. E. tot. 500 kw; 700 hp. e. (gas) Bckye; trolley volt. 625 v.
 Pwr. sta. & repair shops at Overland Park, Kans.
 23 miles; 4-8½ g; 7 motor and 7 other cars. ★59

537a—Union Depot Bridge & Terminal Co.—Office, 730 Railway Exch. (Connects Kansas City and North Kansas City.)
 Pres. G. H. Gray..... Kansas City
 (Geo. B. Robbins.. Chicago, Ill)
 V. Pres. { A. R. Fay..... "
 { E. A. Howard... "
 Sec., Treas. & Pur. Agt.
 Hugh J. Ourran Kansas City
 Indus. Agt. H. J. Perkins.... " "
 Supt. O. S. Lamb..... North Kansas City
 Ch. Engr. N. M. Fitch Kansas City
 Energy purchased from Kansas City Lt. & Pwr. Co.
 Repair shops at No. Kansas City.
 10 miles; 4-8½ g; 5 motor pass. cars. 79

KIRKWOOD. 4,171.

538—Grand View R. R. Co.—Office, Kirkwood, (Connects Luxemburg, Bobring, Mehlville and Continental.)
 Pres. Fred. Herkert, Sr..... Kirkwood
 V. Pres. Wm. A. Miller..... "
 Sec. G. W. Baumhoff..... "
 Treas. Fred. Herkert, Jr..... "
 Supt. & M. M.
 Henry Kemper.. 8601 S. B'way. St. Louis
 Energy purchased from Keokuk Pwr. Co.
 Repair shop and car house at 1033 Le May Ferry Rd., Bobring.
 6 miles; 4-8½ g; 5 motor cars. 116

NEVADA. 7,176.

540—The Fort Scott & Nevada Lt., Ht., Wtr. & Pwr. Co.—Offices, 207 E. Cherry St., Nevada, and Fort Scott, Kans. (Operates local line.) (Succeeded the Gunn Pipe Line Co., which bought outright The Central Gas Co., and also purchased the Nevada Lt., Ht., Wtr. & Pwr. Co., which was formerly Nevada Wtr., Lt. & Trac. Co.) (Controlled by the Ohio & Western Utilities Co., and operated by the National Utilities Co., New York, N. Y.)
 Pres W. C. Gunn..... Ft. Scott, Kans.
 V. Pres. W. R. Gunn.... " "
 Sec. Harry L. Wood.... " "
 Treas. A. W. Brooks..... Boston, Mass.
 Andr. A. G. Smith..... Nevada
 Gen. Mgr. J. B. Rogers..... "
 Engr. Pwr. Sta. O. Cook..... "
 Power sta. equip.: 2 d. c. West G. E. tot. 200 kw. 550 v; 3 a. c. G. E. Allis-C. tot. 550 kw. 2300 v. 3 ph. 60 cys; 775 hp. e. H. O. & R., Ideal; 600 hp. b. Brnl., Erie; trolley volt. 550 v.
 Power sta. at Cherry & Tower Sts.; repair shops at College Ave.
 Reaches Radio Springs Park.
 5 miles; 4-8½ g; 5 mo. and 2 other cars.
 Company furnishes energy for lighting ★19

ST. JOSEPH. 85,236 (1916).

541—St. Joseph Ry., Lt., Ht. & Power Co.—Office, 6th & Francis Sts. (The St. Joseph & Savannah Interurban R. R. operates in St. Joseph and a 12-

mile line between St. Joseph and Savannah, Mo.) (Controlled by the Cities Service Co., 60 Wall St., New York City.)
 Pres. F. W. Frueauff... New York, N. Y.
 V. Pres. & Gen. Mgr.
 J. H. Van Brunt..... St. Joseph
 Sec. & Treas. J. R. Abercrombie " "
 Supt. of Transp. O. F. Koss.... " "
 Claim Agt. E. E. Smith..... " "
 Pur. Agt. Fred. E. Henderson.. " "
 Ch. Engr. John D. Elftman.... " "
 M. M. Fred. Steffens
 St. Joseph & Highland Ave. " "
 Park Mgr. L. F. Ingersoll..... " "
 Power sta. equip. 2 d. c. G. E. tot. 2500 kw; 4 a. c. G. E. tot. 10,100 kw. 2300 v. 3 ph. 60 cys; 3100 kw. e. Fulton; 6015 hp. b. Bab. & W. A. & T. Stir; 9500 kw. turb. (stm.) G. E.; trolley volt. 575 v.
 Power sta. at Main & Felix Sts.; repair shops at St. Joseph & Highland Aves.
 Owns Lake Conrary Park.
 80.23 miles; 4-8½ g; 137 motor and 88 other cars. (Company does lighting and power business.) 69

ST. LOUIS. 757,809 (1916).

(See also Nos. 32, 199, 203 and 214.)

542 — Missouri Elec. R. R.—Office, 3869 Park Ave. (Controlled by United Rys. Co. of St. Louis.) (Connects St. Louis and St. Charles.)
 Pres. & Gen. Mgr.
 Richard McCulloch St. Louis
 V. Pres. Murray Carleton..... " "
 Sec. & Treas. Jas. Adkins..... " "
 Andr. H. P. Taylor..... " "
 Supt. L. Hieserick..... " "
 Energy purchased from United Rys. Co. of St. Louis.
 Repair shop, 2 miles from city limits.
 Reaches Universal Exposition Grounds, two golf grounds and Valhalla Cemetery.
 18.22 miles; 4-10 g; 16 cars. 118

543—St. Louis Elec. Terminal Ry. Co.—Office, 3725 North Broadway. (Connects St. Louis, Mo. and Venice, Madison and Granite City, Ill.) (Part of Illinois Trac. System.)
 Pres. W. B. McKinley. .. Champaign, Ill.
 V. Pres. Exec. H. E. Chubbuck, Peoria " "
 V. Pres. & Treas.
 G. M. Mattis..... Champaign " "
 Sec. Chas. Zilly..... " "
 Gen. Supt. E. D. Bell..... St. Louis
 Supt. Ed. Johnson..... " "
 Claim Agt. T. W. Stearns..... " "
 Pur. Agt. H. J. Vance..... Peoria, Ill.
 M. M. R. H. Doyle..... Granite City " "
 Roadmaster, L. B. Martin.. Springfield " "
 Energy purchased; trolley volt. 650 v.
 Repair shops at Granite City and Decatur, Ill.
 14.5 miles; 4-8½ g; 30 motor and 20 other cars. 59

544—St. Louis & Jennings Railway.—Office 9012 Florissant Ave. Jennings. (Operates between Jennings and Pine Lawn.)
 Pres. David P. Leahy..... Jennings
 Sec., Supt. & Pur. Agt.
 D. J. Collins, 6059 Theika Ave., St. Louis
 Power sta equip. 1 d. c. West. 150 kw. 1 sub-sta.
 Repair shops at 9012 Florissant Ave., Jennings.
 2.75 miles; 4.10'g; 4 mo. cars. 118

546—St. Louis Water Works Ry. (Munic.)—Office, 312 City Hall, St. Louis. (Operates in City of St. Louis.)
 Water Comr. Edward E. Wall... St. Louis
 Asst. Water Comr. F. T. Cutts, " "
 Engr. in charge Supply & Purifying Sec. C. M. Daily..... " "
 Ch. Mech. Engr. L. A. Day..... " "
 Sec. Chas. A. Cheney..... " "

Power sta. equip. 4 d. c. Ridg., W. E., tot. 1000 kw. 550 v. direct connected to Ham-Cor, Falton and Ridgway engines; 2 d. c. Ridg. tot. 30 kw. 110 v. direct connected to 230 hp. engine Ideal; 4 mo-gen. sets Ft. W. Allis-C, Ridg. tot. 300 kw. 550 v. d. c., 2300 v. s. ph. 60 cys. a. c.; trolley volt. 550 v.

Power stas. at 8300 N. Broadway, Baden Sta. and Chain of Rocks Park; repair shop at 34 E. Grand Ave., Bissell's Point.

Reaches Chain of Rocks Park (owned by City).

15 miles; 4-8½ g; 5 motor and 6 other cars; 2 steam locos. (Lights all water dept. bldgs.) ★59

547—United Railways Company of St. Louis—Office, 3869 Park Ave. (Controlled by No. Am. Co., New York.) (Controls the Missouri Elec. R. R. and operates all lines in the city of St. Louis except "McKinley System.") (Connects Maplewood, Webster Groves, Kirkwood, Clayton, Ferguson and Florissant.)

Recvr. Rollo Wells.....St. Louis
Gen. Mgr. for Recvr. " "

Col. A. T. Perkins..... " "

1st V. Pres. R. L. Warner..... " "

2nd V. Pres. Murray Carleton... " "

Gen. Counsel, H. S. Priest, " "

Central Nat'l. Bk. Bldg. " "

Gen. Att'y, T. E. Francis..... " "

Sec. & Treas. Jas. Adkins..... " "

Asst. Treas. Frank A. Gannon.. " "

Asst. Sec. Jas. W. Samuel..... " "

Audr. H. P. Taylor..... " "

Actg. Supt. Transpt. H. O. Buden " "

Claim Agt. Chas. B. Hardin..... " "

Pur. Agt. Jas. J. Roche..... " "

Ch. Engr. E. D. Smith..... " "

Supt. Pwr. Stas. Walter E. Bryan " "

Engr. Maint. of Way, C. L. Hawkins " "

M. M., M. O'Brien..... " "

Supt. Ovhd. Constr. J. E. Burgess " "

Roadmaster City Lines, Wm. Finn " "

Roadmaster Country Lines " "

J. Y. Johnson..... " "

Power sta. equip. 10 d. c. G. E. Westg. tot. 18,000 kw; 2 a. c. G. E. tot. 3600 kw. 6600 v. 3 ph. 25 cys; (approx.) 35000 hp. e. Fulton; 12,800 hp. b. O'Br; trans. volt. 6600-13,200 v; trolley volt. 600 v. Energy also purchased from Union Elec. Lt. & Pwr. Co.

Power stas. at 2d & Salisbury Sts. and Park & 39th Aves.; repair shops at 3869 Park Ave.

Reaches Delmar Garden, Creve Coeur Lake, Forest Park Highlands, Base Ball Park, Suburban and all city parks.

458.23 miles; 4-10 g; 1,342 pass. motor, 138 trail pass. and 8 other cars. ★79j

548—Light & Development Co. of St. Louis—Office, 750 Ry. Exch. Bldg. (Controls Mo. Public Utilities Co., Cape Girardeau; Cupples Station Lt., Ht. & Pwr. Co., St. Louis; Western Power & Lt. Co., Wellston; St. Charles (Mo.) Elec. Lt. & Pwr. Co.; Danville (Ky.) Lt. Pwr. & Trac. Co.; Mitchell (So. Dak.) Pwr. Co.; Monmouth (Ill.) Public Service Co.; Oberlin (O.) Gas & Elec. Co.; Paris (Ky.) Gas & Elec. Co.; Ravenna (O.) Gas & Elec. Lt. Co.; Texas Utilities Co., Plainview; Tahlequah (Okla.) Lt. & Pwr. Co., and Cape Girardeau (Mo.) & Jackson Int. Ry. Co.)

Pres & Gen. Mgr. H. Wurdack..St. Louis

V. Pres. John A. Porter..... " "

Sec. Horace W. Beck..... " "

Asst. Sec. Robt. L. Carpenter... " "

Treas. E. M. Kurtz..... " "

Audr. Paul G. Wallof..... " "

Pur. Agt. Phil Ziegenfuss..... " "

Ch. Engr. E. S. Billings..... " "

★59

SEDALIA. 19,449 (1916).

549—City Light & Traction Co. of Sedalia.—Office, 404 South Ohio St. (Controlled by Cities Service Co., and operated by the Doherty Organization, 60 Wall St., New York City, N. Y.)

Pres. Frank W. Frueauff..New York, N. Y.
V. Pres., Treas. & Mgr.

H. C. Feuers..... Sedalia

Sec. Allen O. Bannon..... " "

Supt. F. A. Clark..... " "

Engr. Pwr. Sta. N. G. Neal..... " "

Power sta. equip. 3 d. c. Allis-C., G. E. tot. 545 kw; 2 a. c. Allis-C. tot. 500 kw. 2,300 v. 2 ph. 60 cys; 1100 hp. e. Allis-C. Bckye; 1550 hp. b. Str. Mur; 1500 kw. turb. (stm.) West; 200 kw. rot. conv; trans. volt. 2300 v; trolley volt. 500 v.

Power sta. and repair shops at Sedalia.

Reaches Liberty Park and State Fair Grounds.

9 miles; 4-8½ g; 19 motor and 6 trail cars. (Company does general lighting and power business.) ★19

SPRINGFIELD. 10,341 (1916).

550—Springfield Ry. & Lt. Co.—

Office, 60 Broadway, New York, N. Y. (Controls the Springfield Trac. Co. and Springfield Gas & Elec. Co., and is in turn controlled by Federal Lt. & Trac. Co.)

Pres. E. N. Sanderson...New York, N. Y.

V. Pres. & Treas. J. Dunhill, " "

Sec. E. K. H. D'Aeth..... " "

59

551—Springfield Traction Co.—

Home Office, 60 Broadway, New York, N. Y. General office, Landers Bldg. Springfield. (Controlled by the Springfield Ry. & Lt. Co., which is controlled by the Federal Lt. & Trac. Co.)

Pres. E. N. Sanderson, New York, N. Y.

V. Pres. C. H. Nichols..... " "

Sec. & Treas. ——— " "

Asst. Sec. & Asst. Treas. " "

J. Dunhill..... " "

Gen. Mgr. E. C. Deal.....Springfield

Asst. to Gen. Mgr " "

W. W. Nielsen..... " "

Supt. C. H. Copley..... " "

Energy purchased from Springfield Gas and Elec. Co.

Repair shops at Boonville and Division Sts.

Reaches Doling Park, White City and Zoo.

23.2 miles; 4-8½ g; 44 motor pass.

(includes 12 one-man Birney), 5 trail pass., 3 motor service and 9 other cars. ★59

WEBB CITY. 13,821 (1916).

552—The Southwest Missouri R. R. Co.—

Main office, 112 No. Madison St. Eastern office, Harrisburg, Pa. (Connects Carthage, Cartersville, Prosperity, Duenweg, Webb City, Neck City, Purcell, Alba and Joplin, Mo., Galena and Baxter Springs, Kansas, and Pitcher, Okla.)

Pres. A. H. Rogers.....Webb City

V. Pres. E. Z. Wallower, Harrisburg, Pa.

Sec. Geo. W. Reilly..... " "

Treas. W. E. McMechan..... Webb City

Gen. Supt. & Pur. Agt. " "

E. J. Pratt..... " "

Claim Agt. D. C. Morris..... " "

Supt. of Transp. T. A. Harbaugh " "

Engr. Pwr. Sta. W. C. Duvall. " "

Roadmaster, Geo. Mayfield... " "

Engr. Ovhd. Constr. John Hill " "

Power sta. equip. 2 a. c. G. E. tot.

1750 kw. 11,000 v. 3 ph. 25 cys; 3000 hp. e.

Cpr. Allis-C; trans. volt. 11,000 & 33,000 v;

trolley volt. 750 v.

7 sub-sta. tot. cap. 4750 kw; 12 rot. con v.

Power sta. and repair shop at Webb City.

Owms and operates Lakeside Park.
92 miles; 4-8½ g; 62 motor and 5 other cars. ★69

MONTANA.

ALBERTON. 300.

(See No. 175)

ANACONDA. 10,562.

553—Butte, Anaconda & Pacific Ry. Co.—Office, Anaconda. (Connects Butte and Anaconda.)

Pres. John D. Ryan,
43 Broadway, New York, N. Y.

1st V. Pres. C. F. Kelley
42 Broadway, "

2d V. Pres. B. B. Thayer,
42 Broadway, "

Sec., Treas. & Andr.

P. M. Halloran.....Anaconda

Gen. Mgr. H. A. Gallwey..... "

Supt. C. F. Murphy..... "

Gen. Fgt. & Pass. Agt.
J. C. Maring..... "

Pur. Agt. D. A. Welch.....Butte

Ch. Engr. J. H. Schuch.....Anaconda

Elec. Supt. F. W. Bellinger..... "

M. M. C. H. Spengler..... "

Supt. M. W. & S., T. J. McCarvel..... "

Energy purchased from Montana Power Co.; trans. volt. 100,000 v; 5 motor gen. sets (2 sets at Butte and 3 sets at Anaconda), each consisting of synchronous motor 1450 kva. 3 ph. 60 cys. direct connected to 2-500 kw. G. E. gen. 1200 volt.

Sub-stas. at Butte and Anaconda; repair shops at Anaconda.

Reaches Greg-on Springs.

148.79 miles (90.5 miles electrified, overhead trolley cat. cons. 2400 v. d. c.); 4-8½ g; 28 elec. and 21 stm. locos; 1,458 other cars. ★59

554—Elec. Lt. & Ry. Dept. (Anaconda Copper Mining Co.)—Office, Main St. and Commercial Ave., Anaconda. (Co. operates cars over Butte, Anaconda & Pacific Ry. Co.'s tracks (5.6 miles) to Opportunity.)

Pur. Agt. D. A. Welsh.....Butte

Supt. Harry M. Johnson.....Anaconda

Car Barn Foreman, Michael Doyle "

Energy from Great Falls Water Power & Townsite Co.; trolley volt. 550 v.

Repair shops at Anaconda.

Owms Washoe Park.

7.9 miles; 4-8½ g; 10 motor and 20 trall cars. Company furnishes energy for lighting. ★59

BOZEMAN. 5,107.

556—Gallatin Valley Ry.—Office, 1230 Ry. Exchange, Chicago, Ill. (Operates in Bozeman by electricity (2 miles), by steam and electricity between Bozeman and Salesville (18 miles), and by steam between Bozeman and Three Forks, a distance of 37 miles.)

Pres. C. A. Goodnow..... Chicago, Ill.

Sec. Geo. Cox.....Bozeman

Treas. A. G. Loomis.....Chicago, Ill.

Gen. Andr. G. J. Bunting..... "

Ch. Engr. E. O. Reeder. ...Seattle, Wash.

Power sta. equip. 2 d. c. Westg. tot. 960 kw; trans. volt. 46,000 v; trolley volt. 550 v.

Energy purchased from Montana Pwr. Co.; repair shops at Bozeman.

Reaches Bozeman Hot Springs.

70 miles; 4-8½ g; 4 pass., 1 fgt. and 1 nbination car; 2 stm. locos. 78

BUTTE. 43,425 (1916).

(See also No. 553.)

557—Butte Electric Ry. Co.—

Office, Main & Park Sts., Butte. (Con-

nects Walkerville to Butte and suburbs.)

Pres. W. A. Clark.....Butte

V. Pres. W. A. Clark, Jr..... "

Sec. & Treas., J. H. Anderson,
90 Exchange Pl., New York, N. Y.

Andr. J. C. Phillips...Miner Bldg., Butte

Gen. Mgr. J. R. Wharton..... "

Supt. & Pur. Agt. J. S. Wathey.... "

Claim Agt. Chas. A. Blackburn... "

Elec. Engr. E. J. Nash..... "

Engr. M. of W., A. W. Criss..... "

Sub-sta. equip: 5 sub-sta. (1 auto. cont.) tot. cap. 2350 kw; 3 rot. conv. & 1 mo. gen. set owned by Co; 2 rot. conv. owned by Montana Pwr. Co. from whom energy is purchased.

Car barn and repair shop at Front & Emma Streets.

Reaches Columbia Gardens owned by Co. and Lake Avoca owned by Tide water Investment Co.

39.49 miles; 4-8½ g; 61 motor pass. and 4 service cars. ★59

DEER LODGE. 2,570.

(See No. 175.)

GREAT FALLS. 13,948.

558—Great Falls St. Ry.—(Owned and operated by the Montana Pwr. Co.) (Connects Great Falls and suburbs and B. & M. Smelter.)

Pres. John D. Ryan,
42 Broadway, New York, N. Y.

V. Pres. & Gen. Mgr. F. M. Kerr... Butte

Mgr. J. R. Hobbins.....Great Falls

Supt. S. S. Hawks..... "

Pur. Agt. W. T. Jackson.....Butte

Elec. Engr. C. W. Todd.....Great Falls

Electric power from Great Falls Pwr. Co; trans. volt. 2200 v; trolley volt. 550 v.

Power sta. and repair shops at Black Eagle Falls.

Reaches and controls Black Eagle Park. 16 miles; 4-8½ g; 21 cars. 59

HELENA. 13,612 (1916).

559—Helena Light & Ry. Co.—Office, Helena. (Connects Helena and East Helena.)

Pres. P. G. Gossler,
63 Cedar St., New York, N. Y.

J. H. Pardee, 43 Exchange

Place, New York, N. Y.

V. Prests. { Arthur Coppell, 53 William

St., New York, N. Y.

O. W. McConnell.....Helena

Sec. T. W. Moffatt

43 Exchange Pl., New York, N. Y.

Treas. R. B. Marchant

48 Exchange Pl., " "

Asst. Sec. & Asst. Treas.

A. B. SibleyHelena

Operating Mgrs.,

The J. G. White Mgt. Corpn.

43 Exchange Pl., New York, N. Y.

Engr. Pwr. Sta. C. A. Bernier... Helena

Energy purchased from Montana Pwr. Co; trans. volt. 12,000 v; trolley volt. 600 v.

Sub-sta. cor. Breckinridge & Jackson

Sts; repair shop at So. Main St.

22 27 miles; 4-8½ g; 19 motor pass.

and 11 trall pass. cars. Company fur-

nishes lighting. ★59

MISSOULA. 18,214 (1916).

560—Missoula St. Ry. Co.—Office, Masonic Temple Bldg., Missoula. (Connects Missoula, Milltown and Bonner.)

Pres. W. A. Clark

90 Exchange Pl., New York, N. Y.

V. Pres. & Claim Agt. W. M. Bickford.....Missoula

Sec., Treas. & Andr. J. C. Phillips... Butte

Gen. Mgr. & Pur. Agt.
 C. H. Christensen.....Missoula
 Supt., Claim, Gen. Fgt. & Pass. Agt.
 & Ch. Engr. H. L. Bickenbach.. "
 Ch. Engr. Pwr. Sta. E. H. Collar.. "
 M. M., Geo. Whitcomb" "
 Energy purchased from Missoula Lt. &
 Wtr. Co.; trolley volt. 650 v; 4 d. c. West.
 tot. 700 kw.
 Repair shops at Missoula.
 Reaches Riverside Park (owned).
 22.3 miles; 4-8½ g; 13 motor pass.
 and 7 service cars. ★59

THREE FORKS. 1,300 (1914).

(See No. 175.)

NEBRASKA.

BETHANY. 948.

(See No. 562.)

DAKOTA CITY. 474.

(See No. 324.)

LINCOLN. 52,500 (1915).

561—Lincoln, Capitol Beach &
 Milford R. R. Co.—Office, Terminal
 Bldg., Lincoln. (Connects Lincoln and
 Capitol Beach.) (Operated under lease
 by Lincoln Traction Co.)
 Pres. W. E. Sharp.....Lincoln
 Sec. & Treas. S. H. Burnham.... "
 Gen. Mgr. J. M. Bramlette..... "
 Reaches Capitol Beach.
 2 miles; 4-8½ g; 12 cars. 59

562—The Lincoln Traction Co.—
 General office, Terminal Bldg., 10th &
 O Sts. (Leases and operates Lincoln,
 Capitol Beach & Milford R. R. Co.; also
 owns and operates Bethany Traction Co.
 (2 miles). (Connects Havelock, College
 View, University Place, Normal, Beth-
 any, Lancaster and Lincoln.)

Pres. W. E. Sharp.....Lincoln
 V. Pres. & Gen. Mgr.
 J. M. Bramlette..... "
 Sec. O. J. Shaw..... "
 Treas. S. H. Burnham
 Claim Agt. E. M. Raver..... "
 Pur. Agt. A. G. McMaster..... "
 Supt. Transp. H. M. Smith..... "
 Ch. Engr. Pwr. Sta. J. M. Pawling "
 M. M., Chas. DeSombers..... "
 Engr. M. of W., I. M. Thomas..... "

Power sta equip 2 d. c. G. E. Bull. tot.
 950 kw; 4 a. c. G. E. Allis-C. tot. 3000 kw.
 2300 v. 3 ph. 60 cys; 1600 hp. e. Allis, H. F. &
 M., Mur; 1000 hp. e. (oil) Busch Diesel;
 8800 hp. b. Bab. & W. Ed. temoor; 2750
 kw. turb. (stm.) Allis-C, G. E.; trans. volt.
 2300 v; trolley volt. 500 v.

Power sta. at 9th & K Sts; repair
 shops at 8th and L Sts.

Reaches Lincoln Park, City Park,
 Epworth Lake Park and Capitol Beach.
 60 miles; 4-8½ g; 72 motor and 10
 other cars; 6 snow plows. (Company
 does lighting and power business.) ★9

563—Omaha, Lincoln & Beatrice
 Ry. Co.—Office, 321 Terminal Bldg.
 (Connects University Place, Bethany
 and Lincoln and will extend to Omaha,
 So. Omaha, Papillion, Springfield, Ash-
 land, Greenwood and Waverly District.)

Pres. Harvey Musser.....Akron, O.
 Sec. J. C. Musser..... "
 Treas. & Gen. Mgr.
 J. M. Bramlette.....Lincoln
 Andr. O. J. Shaw..... "
 Supt. Trans. H. M. Smith..... "
 Pur. Agt. A. G. McMaster..... "
 M. M. Charles De Sombers..... "
 Roadmaster I. M. Thomas..... "
 Engr. Ovhd. Constr.
 Mark Carveth..... "

Energy purchased from Lincoln Trac.
 Co.; trolley volt. 550 v.
 Repair shops at 8th and L Sts. (Lincoln
 Trac. Co.'s shops).
 Reaches Central and Broadwater Parks.
 56 miles projected (6.19 miles completed
 and in operation); 4-8½ g; 5 pass., and
 2 other cars; 1 loco. (Company does light-
 ing and power business.) 118

OMAHA. 165,470 (1916).

(See also Nos. 563, 566 and 1062.)

564—Omaha & Council Bluffs St.
 Ry. Co.—Office, Merchants' Nat. Bank
 Bldg., Omaha. (Owns all the street
 railways in Omaha and leases Omaha,
 Council Bluffs & Suburban St. Ry. Co.,
 Omaha & Council Bluffs Ry. & Bridge
 Co., and East Omaha St. Ry. Co.)
 (Connects Omaha, Benson and Flor-
 ence, Neb., and Council Bluffs, Ia.)

Pres. Frank T. Hamilton..... Omaha
 V. Pres. & Gen. Mgr. W. A. Smith... "
 Sec. & Andr. W. G. Nicholson.... "
 Treas. A. S. Widenor..... "
 Asst. Gen. Mgr. R. A. Leusaler... "
 Pur. Agt. F. S. Welty..... "
 Claim Agt. W. P. Thomas..... "
 Pwr. Stas. D. W. Gilbert..... "
 Transpt. F. B. Hudson.... "
 Supts. } Track & Roadway
 } R. H. Findley..... "
 } Elec. Lines,
 } W. O. Jacoby..... "

M. M., T. E. Wood..... "
 Power sta. equip. 4 d. c. G. E. tot. 8850
 kw; 3 a. c. G. E. Allis-C. tot. 22,000 kw. 3
 ph. 25 cys; 5500 hp. e. Fulton; 11,000 hp.
 b. Bab. & W; 12,000 kw. stm. turb. G. E.
 Allis-C; trans. volt. 13,200 v; trolley volt.
 600 v.

2 sub-stas; (1 auto. cont.) tot. cap. 6500
 kw; 7 rot. conv.

Power sta. at 5th & Jackson Sts.; repair
 shops at 26th & Lake Sts.

Reaches & owns Lake Manawa.
 162.66 miles; 4-8½ g; 482 pass., 10 trail
 and 48 other cars. ★69

565—Omaha & Southern Inter-
 urban Ry. Co.—Office, Merchants'
 Nat. Bank Bldg., Omaha. (Connects
 So. Omaha, Bellevue and Fort Cook.)
 Pres. G. W. Wattles..... Omaha
 V. Pres. F. T. Hamilton..... "
 2d V. Pres. Luther Drake..... "
 Sec. & Andr. W. G. Nicholson.... "
 Treas. A. S. Widenor..... "
 Gen. Mgr. W. A. Smith..... "
 Asst. Gen. Mgr. R. A. Leussler... "
 Energy purchased.
 7.5 miles; 4-8½ g; 3 cars. 118

RALSTON. 400.

566—Omaha & Lincoln Ry. & Lt.
 Co.—Ralston. (Part of the Illinois,
 Traction System.) (Connects Omaha
 So. Omaha, Ralston and Papillion.)

Pres. H. E. Chubbuck..... Peoria, Ill.
 V. Pres. Arthur English..... Omaha
 Secy. W. J. Achelpohl..... Peoria, Ill.
 Treas. G. M. Mattis..... Champaign, "
 Gen. Supt. W. C. Edmiston..... Ralston
 Pur. Agt. A. J. Vance..... Peoria, Ill.
 Energy purchased from Omaha Elec. Lt.
 & Pwr. Co.; trans. volt. 33,000 v. a. c;
 trolley volt. 550 v; repair shops at Ralston.
 Reaches Hillside Park and Seymour
 Lake Park.

18.8 miles (a. phase, catenary system);
 4-8½ g; 6 motor pass. cars. (Company
 does lighting and power business.) 59

SOUTH OMAHA. 26,259.

(See Nos. 565 and 566.)

SOUTH SIOUX CITY. 1,196:

(See No. 324.)

UNIVERSITY PLACE. 3,300.

(See Nos. 562 and 563.)

NEVADA.**FALLON. 741.**

567—Fallon Elec. R. R. Co—Office,
Fallon. (Will extend from Fallon east
14 miles to Stillwater and from Fallon
south 7 miles, then east to Sand Springs,
24 miles.)

Pres. C. A. Hascall..... Fallon
V. Pres. & Ch. Engr.

Herbert C. Lattin..... "

Sec. A. E. Wilson..... "

Treas. & Gen. Mgr E.S. Berney... "

Energy will be secured from Govern-
ment Irrigation Project in Fallon.

38 miles projected; will use Edison
storage battery cars. (Expects to place
line in operation during 1919.) 69

RENO. 14,869 (1916).

568—Reno Trac. Co.—General Office,
637 Holbrook Bldg., San Francisco, Cal.
(Operates local line in Reno and con-
nects Reno and Sparks.)

Pres. H. Fleishhacker.. San Francisco, Cal.

V. Pres. Jno. A. Buck.. " "

Sec. Jas. A. Martin..... " "

Treas. M. Fleishhacker. " "

Audr. A. N. Baldwin.. " "

Gen. Mgr. R. C. Leeper..... Reno

Pur. Agt. F. W. Smith... San Francisco, Cal

Energy purchased from Reno Pwr., Lt. &
Wtr. Co.; trolley volt. 600 v.

Repair shop at 4th St., Reno.

7.5 miles; 4-8½ g; 5 motor pass. cars. ★59

569—Nevada Interurban Ry. Co.—
Office, 218 N. Virginia St., Reno.
(Connects Reno and Moana Springs.)

Pres. & Gen. Mgr. L. W. Berrum... Reno

V. Pres. J. M. Short..... "

Sec., Treas. & Pur. Agt.

S. H. Rosenthal..... "

Energy purchased from Reno Pwr., Lt. &
Wtr. Co.

Repair shops at Reno.

Reaches Moana Springs.

3.8 miles; 4-8½ g; 4 cars. 59

NEW HAMPSHIRE.**BERLIN. 13,599 (1916).**

570—Berlin St. Ry. Co.— Office,
Berlin. (Connects Berlin and Gorham.)

Pres. Frank L. Castner..... Berlin

Sec. N. G. Noyes..... Gorham

Treas. Gen. Mgr. & Pur. Agt.

E. W. Gross..... Berlin

Roadmaster. J. Caffey..... "

Power sta equip. 1 d. c. Westg. tot. 300

800 hp. turb. wtr; trans. volt. 550 v.

ir (water) rented.

Power sta. at Gorham; repair shops at
Berlin.

Owens and controls park in Gorham, 40
acres.

7.75 miles; 4-8½ g; 10 motor pass. cars
and 1 other car. 78

CHARLESTOWN. 1,496.

571—Springfield Elec. Ry. Co.—
Office, Charlestown. (Leased to Spring-
field Elec. Ry. Co., Springfield, Vt.)

Pres. Nath. G. Brooks..... Charlestown
V. Pres. & Gen. Mgr.

Edward C. Crosby..... Springfield, Vt.
Sec. & Treas.

Frank W. Hamlin..... Charlestown
3 miles. 67

CHESTER. 818.

572—Chester & Derry R. R.—Office,
Derry. (Connects Chester and Derry.)

Pres. & Gen. Counsel,

G. K. Bartlett..... Boston, Mass.

V. Pres. Chas. Bartlett..... Derry

Sec. & Audr. A. H. Wilcomb..... Chester

Treas. & Gen. Mgr J. Shepard..... Derry

Asst Supt. & Elec. Engr. F. I. Corson "

Energy purchased from Derry Elec.

Lt. Co; trolley volt. 600 v.

Repair shops at Derry.

Reaches Beaver Lake.

8 miles; 4-8½ g; 10 motor and 3 other
cars; 1 snow plow. 78

CLAREMONT. 7,529.

573—Claremont Ry. & Ltg. Co.—
Office, 1 Sullivan St., Claremont. (Un-
der management of W. S. Barstow

Management Assn., Inc. and controlled
by The Eastern Pwr. & Lt. Corpn.)

(Extends from Claremont Jct. to West
Claremont through town of Claremont.)

(In hands of Receivers and sold at
foreclosure in 1918.)

Pres. Joseph B. Taylor

50 Pine St., New York, N. Y.

V. Pres L. H. Tyng "

Gen. Mgr. J. Gardner Menut. Claremont

Sec. C. N. Wilson..... New York, N. Y.

Treas. J. P. Campbell.. "

Asst. Treas. G. H. Lawson... Claremont

Supt. H. Aldrich..... "

Energy purchased from Claremont

Pwr. Co.

Repair shops at Claremont.

Reaches Pine Grove Park.

8.60 miles; 4-8½ g; 6 pass. and 1 other
car; 1 snowplow; 2 fgt. locos. ★19†

CONCORD. 22,669 (1916).

574—Boston & Maine R. R. Oper-
ating Concord & Manchester

Elec. Ry. of Concord & Montreal
R. R.—Office North Station Boston,

Mass. (Absorbed the Concord St. Ry.
Co.) (Connects Concord, Penacook

Bow, Pembroke, Hooksett, Suncook
and Manchester.) For general officers

see Boston, Mass.

Gen. Mgr. B. R. Pollock.... Boston, Mass.

Gen. Supt. John R. Crawford, " "

Claim Agt. R. T. Damon..... " "

Pur. Agt. A. W. Munster..... " "

Elec. Engr. F. D. Hall..... " "

M. M., G. A. Wyman..... Concord

Engr. M. of W. F. A. Merrill... Boston, Mass

Roadmaster A. C. Stickney... Concord

Supt. H. C. Robinson..... Boston, Mass.

Power sta. equip. 2 d. c. Westg. G. E;

tot. 525 kw; 2 a. c. G. E. tot. 1200
kw. 2800 v. 3 ph. 60 cys; 450 hp. e.
Rollins; 405 hp. b. Dobbins, Dillon; 2190

hp. turbine (water) Lef. & Rodney Hunt.
trans. volt. 22,000 v; trolley volt. 600 v.
2 sub-stas; tot. cap. 900 kw; 2 rot. conv.
tot. 600 kw; 1 mo. gen. 300 kw.
Power stas. at Franklin and W. Concord
(steam auxiliary).
Repair shops at Concord.
Reaches Contoocook River Park
30.51 miles; 4-8½ g; 37 pass. and 6
service cars. ★59j

DERRY. 5,123.
(See No. 579.)

DOVER. 13,274.
(See also No. 584a.)

575—Dover, Somersworth & Rochester Street Ry. Co.—(Controlled by the New Hampshire Elec. Rys.) (Connects Dover, Somersworth, Rochester and East Rochester.)

Pres. David A. Belden....Haverhill, Mass.
V. Pres & Gen. Mgr.
Franklin Woodman.... " "
Sec. Treas. & Andr.
Fred'k. E. Webster.... " "
Actg. Gen. Mgr. H. D. Hood " "
Claim Agt. H. B. Whitehouse " "
Supt. L. E. Lynde.....Dover
M. M., & L. Jones.....Salem
Engr. Maint. of Way,
R. D. Hood.....Haverhill, Mass.
Engr. Ovhd. Constr.
W. S. Mellon..... " "
Energy purchased from Rockingham
County Lt. & Pwr. Co.
Owns Central Park, Somersworth.
21 miles; 4-8½ g; 36 motor and 2 other
cars; 3 snow plows. 118

EXETER. 5,875.

576—Exeter, Hampton & Amesbury St. Ry.—Office, Hampton, N. H. (Controlled by Exeter Ry. & Ltg. Co.) (Connects Exeter, Hampton, Hampton Beach, Hampton Falls, Seabrooke and Smithtown).

Pres. Allen Hollis.....Concord
V. Pres. Chas. H. Tenney..Boston, Mass.
Treas. E. A. Bradley..... " "
Asst. Treas. & Supt.
Walter A. Scott.....Hampton
Gen. Mgr. H. T. Sands
201 Devonshire St., Boston, Mass.
Audr. H. A. Gldney..... " "
Mgr. Geo. D. Baxter.....Exeter
Supt. Lines & Shop Foreman,
C. B. Edgerly..... " "
Park Mgr. W. J. Drew..... " "
Energy purchased from Rockingham
County Lt. & Pwr. Co., Portsmouth;
trans. volt. 18,200 v; trolley volt. 600 v.
Repair shop at Hampton.
Owns The Casino, Hampton Beach.
22 miles; 4-8¼ g; 17 motor pas., 5 other
motor and 5 other cars. ★59

GOFFSTOWN. 2,579.
(See No. 583.)

HAMPTON. 1,215.
(See No. 576.)

HAMPTON BEACH.
(See Nos. 427 and 576.)

HUDSON. 1,344.
(See Nos. 401 and 427.)

KEENE. 10,633.

577—Keene Elec. Ry. Co.—Office Keene. (Connects Keene, Marlboro and Swanzey.)

Pres. Lewis P. Howe
235 Pleasant St. Marlboro, Mass.
Sec. & Supt. C. L. Wyman.....Keene
Treas. & Pur. Agt.
T. Russell RobinsonBoston, Mass.
Gen. Mgr.
M. M., D. A. Tenney.....Keene
Energy purchased from Keene Gas &
Elec. Co.; 2 d. c. Trl., G. E. tot. 225 kw.;
G. E. motors tot. 175 kw; trolley volt.
550 v.

Repair shops at So. Keene.
Owns and reaches Wilson Recreation
Grounds.
10 miles; 4-8½ g; 9 motor cars and 1
other car. 78

LACONIA. 11,528 (1916).

578—Laconia St. Ry. Co.—Gen. office, Laconia. (Connects Laconia and Weirs.)
Pres. H. L. Pierce 53 State St. Boston, Mass.
V. Pres., Mgr. & Pur. Agt.

L. S. Pierce.....Laconia
Sec. Geo. P. Munsey..... " "
Treas. H. G. Lowe 53 State St. Boston, Mass.
Shop Foreman, H. C. Horn.....Laconia
Roadmaster, E. Serad..... " "
Energy purchased.
Repair shops at Laconia.
8.87 miles; 4-8½ g; 11 motor and 1 gt.
car; 1 snow plow.
Company to be reorganized. Operation
suspended. ★19†

MANCHESTER. 78,283 (1916).
(See also No. 574.)

579—Manchester & Derry St. Ry.
—Office, 46 Hanover St. (Connects Manchester, Goffs Falls, Londonderry and Derry.) (Owned by Manchester Trac., Lt. & Pwr. Co. which see for operating officials and power plant equipment.)

Pres. E. C. Foster.....Manchester
Clerk Allan M. Wilson..... " "
Treas. P. L. Saltonstall...Boston, Mass.
Gen. Mgr. J. Brodie Smith...Manchester
Supt. & Claim Agt. T. H. Kendrick " "
Repair shops at Traction St., Manchester.
8.418 miles; 4-8½ g; 6 motor cars. ★59

580—Manchester & Nashua St. Ry.—Office, 46 Hanover St. (Connects Manchester, Goffs Falls, Litchfield, Hudson and Nashua.) (Owned by Manchester Trac., Lt. & Pwr. Co. which see for operating officials and power plant equipment.)

Pres. Chas. M. Floyd.....Manchester
V. Pres. E. C. Foster..... " "
V. Pres. W. Parker Straw..... " "
Clerk Allan M. Wilson..... " "
Treas. P. L. Saltonstall...Boston, Mass.
Gen. Mgr. J. Brodie Smith...Manchester
Supt. & Claim Agt. T. H. Kendrick " "
Repair shops at Traction St., Manchester 4.335 miles; 4-8½ g; 6 motor cars. ★59

581—Manchester St. Ry.—Office, 46 Hanover St. (Extends from Manchester to Goffstown, where connection is made with the Uncanoonuc Incline Ry. for Mt. Litchfield) (Owned by Manchester Trac., Lt. & Pwr. Co. which see for officers and power plant equipment.)

Pres. E. C. Foster.....Manchester
Clerk Allan M. Wilson..... " "
Treas. P. L. Saltonstall...Boston, Mass.
Gen. Mgr. J. Brodie Smith...Manchester
Snt. & Claim Agt.
T. H. Kendrick..... " "
Repair shops at Manchester.

Owns pavilion and summer theatre at Lake Massabesic and Pine Island Park.
42.728 miles; 4-8½ g; 95 cars. ★59

582—Manchester Trac., Lt. & Pwr. Co.—Offices, 46 Hanover St. and 53 State St., Boston, Mass. (Owns Man-

chester St. Ry., Manchester & Nashua St. Ry., Manchester & Derry St. Ry., Manchester Elec. Lt. Co., Nashua Lt. Ht. & Pwr. Co., Union Elec. Co., Merrimack Elec. Lt., Ht. & Pwr. Co. and Garvin Falls Power Co.)

Pres. E. C. Foster.....Manchester
V. Pres. & Gen. Mgr.

J. Brodie Smith....."

Clerk, Allan M. Wilson....."

Treas. P. L. Saltonstall....Boston, Mass.

Asst. Treas. L. E. Flint....."

Audr. Wm. F. Harmon.....Manchester

Ch. Engr., L. J. Farrell....."

Power sta. equip, 21 a. c. G. E. Allis-C, Stan. tot. 13,980 kva. 2300-11,000-6000 v. 3 & 3ph. 60 cys; 8 rot. conv. tot. 2400 kw. West. G. E.; 3 mo. gen. sets tot. 3500 kw; 1000 hp. e. Prov.;—b. Kendall Bab. & W; 110,000 hp. stm. turb. 13,750 hp. turb. (wtr.) Hunt, Hol., Allis-C.; trans. volt. 33,000-11,000 v; trolley volt. 550 v.

Power stas. at Manchester, Garvins Falls, Kelleys Falls, Hooksett, Derry, Greggs Falls, Litchfield and Nashua; repair shops at Manchester.

Reaches Massabesic Lake and Pine Island Park.

Companies owned operate 65.40 miles of track; does general ltg. & pwr. business. ★69

583 — Uncanoonuc Incline Ry. & Develop. Co.—Office, Manchester.

(Operates 2¼ miles of trolley and ¼ mile of cable incline into Goffstown.)

Pres. & Gen. Mgr.

Henry A. Laxson.....Manchester

V. Pres. J. W. Lovering.....Sandown

Sec. J. B. Pattee.....Manchester

Treas. Jno. H. Boyd....."

Energy purchased from Manchester Trac., Lt. & Pwr. Co.

Reaches Summit Park (owned) and Casino.

2.75 miles (electric, trolley and cable); 1 motor and 2 incline cars. 118

NEWTON. 962.

(See No. 437.)

PELHAM. 826.

(See No. 437.)

PLAISTOW. 1,173.

(See No. 437.)

PORTSMOUTH. 11,666.

584—Portsmouth Elec. Branch of Boston & Maine R.R.—(Connects Portsmouth, Rye and North Hampton.)

For executive officers see Boston, Mass.

Gen. Supt. H. C. Robinson, Boston, Mass.

Asst. Gen. Supt.

W. E. Dowdell.....Portsmouth

Supt. & Ch. Engr. Pwr. Sta.

R. A. Anderson....."

Power sta. equip. 2 d. c. Westg. tot. 400 kw; 1 booster G. E. 80 kw.—118 hp. motor; 600 hp. e. Allis-C; 500 hp. b. Bab. & W; trolley volt. 600 v.

Main power sta. at Noble's Island, Portsmouth; storage battery station at Rye Center; repair shops at Portsmouth.

19.03 miles; 4-8¼ g; 21 pass. and 2 work cars; 1 snow plow. 118

584a—Portsmouth, Dover & York St. Ry.—Office, Portsmouth. (On May 1, 1917, took over control of lines west of York Beach, Me., formerly operated by the Atlantic Shore Ry.)

(Connects Dover and Portsmouth, N. H., and So. Berwick Elliot, Kittery, Kittery Point, York, York Harbor, and York Beach, Me.)

Receiver & Gen. Mgr.

W. G. Meloon.....Portsmouth

Audr. A. D. Foster....."

M. M., C. H. Nottage....."

Pwr. sta. equip. 3 d. c. G. E. tot. 560 kw;

850 hp. e. B. & W, Erie; 775 hp. b. Man.

Hoyt; trolley volt. 550 v.

Energy purchased from Twin State Gas & Elec. Co., Dover, and Rockingham County Lt. & Pwr. Co. Power plant at Kittery Point held in reserve.

42 miles; 4-8¼ g; 24 motor and 2 other cars. 69

ROCHESTER. 9,119.

(See No. 575.)

SALEM. 2,117.

(See No. 427.)

SEABROOK. 1,425.

(See No. 427.)

SEABROOK BEACH.

(See No. 427.)

SOMERSWORTH. 6,704.

(See No. 575.) ●

SWANZEY. 1,656.

(See No. 577.)

NEW JERSEY.

ALLENHURST. 203. (1915)

(See No. 585)

ASBURY PARK. 10,150.

(100,000 in summer.)

585—Atlantic Coast Electric Ry. Co.—Office, 523 Main St., Allenhurst.

(Owns Atlantic Coast Elec. Lt. Co. and controls Asbury Park & Sea Girt Elec. R. R. Co., Seashore Elec. Ry., West End & Long Branch Ry. and Seacoast Trac. Co.) (Connects Long Branch, West End, Elberon, Deal, Allenhurst, Avon, Asbury Park, Bradley Beach, Belmar, Spring Lake, Manasquan and Seagirt.)

Chmn. of Bd. C. W. Huntington,

60 Wall St., New York, N. Y.

Pres. & Gen. Mgr.

S. F. Hazelrigg.....Asbury Park

Sec., Treas & Claim. Agt., G. B. Cade "

Audr. A. R. Asay....."

Pur. Agt. J. J. Matheson

61 Broadway, New York, N. Y.

Ch. Engr. J. H. Moor.....Asbury Park

M. M. James Smith....."

Elec. Engr. S. A. Foster.... "

Power sta. equip. 2 d. c. West. S. & H. tot. 800 kw; 5 a. c. West. G. E. tot. 6500 kw. 2300 v. 3 ph. 60 cys; 1500 hp. e. Ham, Allis-C; 2400 hp. b. Badenhausen; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shop at Allenhurst.

36.06 miles; 4-8¼ g; 94 motor and 7 other cars.

Supplies energy to Atlantic Coast Elec. Lt. Co. 118

ATLANTIC CITY. 51,667 (1915).

(300,000 in summer.)

(See also No. 607.)

586—Atlantic City & Shore R. R. Co. (Shore Fast Line.)—Office, 605 Land Title Bldg., Phila., Pa. (Controls Atlantic City & Ocean City R. R. Co.) (Connects Atlantic City, Pleasantville, Linwood, Somers Point and Ocean City.

The "Atlantic Ave. & Longport Div." which is owned by the West Jersey & Seashore R. R. Co., operates in Atlantic City and connects Atlantic City, Chelsea, Ventnor City, Margate City and Longport.)

Receiver,

Clarence L. Cole....Atlantic City, N. J.
Pres. Isaac H. Silverman Philadelphia, Pa.
V. Pres. Chas. Evans.....Atlantic City

Sec. & Andr.

John M. Campbell.... "
Treas. Irvin L. Stone...Philadelphia, Pa.
Gen. Supt. A. J. Purinton...Atlantic City

Asst Supt. D. M. Bunn..... "

Elec. Engrs.
Stern & Silverman,...Philadelphia, Pa.
M. M. Frank J. Stevens.....Atlantic City

Supvr. John C. Smith..... "
Energy purchased from West Jersey & Sea Shore R. R.; trans. volt. 33,000 v. a. c.; trolley volt. 650 v. d. c.

Repair shops at Maine & Caspian Aves. Atlantic City.

30.05 miles (third rail & ovhd.); 4-8½ g; 20 motor cars.

ATLANTIC AVE. & LONGPORT DIV.—16.12 miles (ovhd. trolley); 4-8½ g; 76 motor and 2 other cars; trolley volt. 575 v. d. c. ★59

587—Central Passenger Ry. Co.—Gen. office, 605 Land Title Bldg., Philadelphia, Pa. (Connects with Atlantic City & Shore R. R. Co.)

Pres Isaac H. Silverman, Philadelphia, Pa. Sec. & Andr.

John M. Campbell.....Atlantic City
Treas. Irvin L. Stone...Philadelphia, Pa.
Gen. Supt. A. J. Purinton...Atlantic City
Asst. Supt. D. M. Bunn..... "
M. M. Frank J. Stevens..... "

Energy purchased from Atlantic City & Shore R. R. Co.; trans. & trolley volt. 650 v.

Repair shops at Maine & Caspian Aves., Atlantic City.

3.01 miles; 4-8½ g; 5 motor cars. ★59

BAYONNE. 64,461 (1915)

(See No. 602.)

BRIDGETON. 14,209.

588—Bridgeton & Millville Trac. Co.—Office, Cohansey St., Bridgeton. (Owns and operates the Bridgeton Rapid Transit Co., and is itself owned by the American Rys. Co., Philadelphia, Pa.)

Pres. Van Horn Ely....Philadelphia, Pa.

V. Prests. { H. J. Crowley..... "
 { C. L. S. Tingley..... "

Sec. & Treas. Walter W. Perkins "
Asst. Sec., Asst. Treas. & Compt. "

F. J. Pryor, Jr..... "
Gen. Mgr. Julius Theobald... "

Supt. of Transp. Gen. Fgt. & Pass. Agt. Leon Lore..... Bridgeton

Elec. Engr. & Ch. Engr. Pwr Sta. W. H. Meyers..... "

M. M., A. M. Sharp..... "
Park Mgr. Howard Tyler..... "

Energy purchased from Electric Co. of New Jersey; trans. volt. 33,000v; trolley volt. 600 v.

Repair shop at Bridgeton. Owns and reaches Tumbling Dam Park. 37.87 miles; 4-8½ g; 29 motor and 1 other car. 118

CAMDEN. 102,215 (1915)

(See also No. 602.)

589—West Jersey & Seashore R.R. (Steam & Elec. Branch of Penn. R. R.)—(Connects Camden, Millville, Atlantic City, Pleasantville, Somers Point and Ocean City.) (Owns "Atlantic Ave. & Longport Div." and that

portion of the Atlantic City & Shore R.R. between Pleasantville and Somers Point.) For general officers, see Pennsylvania Railroad, Philadelphia, Pa.

Supt. A. G. Mitchell.....Camden

Power sta. equip.: 4 a. c. G. E. tot. 8000 kw. 6600 v. 3 ph. 27 cys; 5728 hp. b. Stir; 8000 kw. turb. G. E.; trans. volt. 35,400 v; trolley volt. 700 v. d. c.

8 sub-sta. tot. cap. 18,000 kw; 23 rot. conv.

Power sta. at Westville; repair shops at Camden.

Sub-stas. at Newfield, So. Camden, Westville, Glassboro, Mizpah, Reega, Atlantic City and Clayville.

155.03 miles (third rail); 4-8½ g; 92 pass. 4 combination pass., 7 baggage and 6 baggage and mail cars. (Company sells energy.) 79

590—Interstate Railways Co.—Office, 411 Market St., Camden, N. J.

(Through the United Pwr. & Transp. Co. it controls Lebanon (Pa.) Valley St. Ry. Co.; Delaware County & Phila. Elec. Ry. Co. (Clifton Heights, Pa.); Media (Pa.), Glen Riddle & Rockdale Elec. St. Ry. Co.; Wilkes-Barre (Pa.) & Wyoming Valley Trac. Co.; Trenton (N. J.) St. Ry. Co. (which controls Mercer County Trac. Co., Trenton (N. J.), Pennington & Hopewell St. Ry. Co. and Trenton (N. J.), Hamilton & Ewing Trac. Co.); Schuylkill Valley Trac. Co. (Norristown, Pa.); Wilmington & Chester Trac. Co. (which controls directly or indirectly Chester (Pa.) Trac. Co., Chester & Delaware St. Ry. Co. (leased to the Chester Trac. Co.), Wilmington City (Del.) Ry. Co., Wilmington & Edgemoor Elec. Ry., Front & Union St. Ry. and Gordon Heights (Ry.) and Wilmington City (Del.) Elec. Co. The properties have been divided into four groups and are leased to and operated by the Reading Transit & Lt. Co., Wilkes-Barre Ry. Co., Trenton & Mercer County Trac. Corp., Southern Penn. Trac. Co. and Wil. & Phila. Trac. Co., the two latter cos. being operated under one management.)

Pres. John A. Rigg.....Camden

V. Pres. Walter A. Rigg..... "

Treas. T. W. Grootkett, Jr..... "

Sec. & Asst. Treas. Jno. W. Goodwin "

Gen. Counsel, Richmond L. Jones "

Mileage and equipment included under controlled roads. 59

591—Wilmington & Chester Traction Co.—Office, 411 Market St., Camden, N. J. (Controls Wilmington City Ry., (which controls Wilmington & Edgemoor Elec. Ry.), Front & Union St. Ry. and Gordon Heights Ry. Co., Wilmington, Del.; also the Chester Trac. Co. and Chester & Delaware St. Ry. Co., Chester, Pa., through ownership of entire capital stock; also owns entire issue of the Gordon Heights Ry. Co. bonds, the entire issue of the Front & Union St. Ry. Co. bonds and other minor securities.) (Controlled by United Pwr. & Transp. Co., which in turn is controlled by Interstate Rys. Co.)

Pres. John A. Rigg.....Camden

Sec. & Asst. Treas., J. W. Goodwin "

Treas. Thos. W. Grootkett, Jr..... "

592—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

593—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

594—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

595—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

596—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

597—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

598—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

599—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

600—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

601—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

602—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

603—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

604—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

605—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

606—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

607—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

608—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

609—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

610—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

611—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

612—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

613—Cape May, Delaware Bay & Sewell's Point R. R. Co.—Office, Washington & Decatur Sts., Cape May. (Co. sold under Recvr's sale.)

593—Ocean St. Passenger Ry. Co.
 —Office, 22 So. 3rd St., Philadelphia, Pa.
 (Controlled and operated by Cape May)
 Delaware Bay & Sewell's Point R. R. Co.,
 Pres. & Treas.
 Nelson Z. Graves....Philadelphia, Pa.
 Sec. Thomas P. Curley... " "
 Energy from and repairs made by Cape
 May, Delaware Bay & Sewell's Point R. R.
 Co.
 1.4 miles; 4-8½ g; 3 mo. pass. cars.
 (Operation suspended.) ★69

CRANFORD. 4,967.

(See No. 602.)

EAST ORANGE. 40,961 (1915)

(See No. 602.)

EDGEWATER. 3,150.

(See No. 602.)

ELIZABETH. 82,086 (1915)

(See Nos. 600 and 602.)

GLOUCESTER. 10,554 (1915)

(See No. 602.)

HACKENSACK. 14,050

(See No. 602.)

HAINESPORT. 400.

594—Burlington County Transit Co.—Office, Hainesport. (Connects Moorestown, Hartford, Masonville, Hainesport, Burlington and Mt. Holly.)
 Pres. Albert Haines.....Masonville
 V. Pres. John D. Johnson, Jr. Hainesport
 Sec. & Treas. W. I. Dill..... " "
 Gen. Mgr., Claim & Pur. Agt.
 Edwin C. Davis..... " "
 Ch. Engr. & Elec. Engr. John M. Smith " "
 Engr. M. of W. Joseph Albertson.... " "
 Engr. of Ovhd. Constr. Clarence Snyder " "
 Energy purchased from Public Service
 Elec. Co., Burlington; trans. volt. 13,200
 v; 2 rot. conv. G. E., West. tot. 600 kw;
 trolley volt. 600 v.
 Repair shop at Hainesport.
 Reaches Rancocas Park.
 15.08 miles; 5 g; 5 motor and 2 other
 cars. ★59

HOBOKEN. 70,824

(See also No. 602.)

595—Hoboken Manufacturers' R. Co., Lessee of Hoboken Shore Road—Office, Foot 5th St., Hoboken. (Handles freight only.) (Operated by United States Government.)
 Pres. Col. H. S. Cole, Q. M. N. A. Hoboken
 V. Pres.
 Capt. J. S. Langston, Q. M. R. C. " "
 Sec. & Treas. Geo. H. Hobbs.... " "
 Supt. Morgan W. O'Brien..... " "
 M. M. Cornelius Ferdon..... " "
 Energy purchased from Public Service
 Elec. Co.
 Repair shop at Bloomfield and 15th Sts
 2 miles (electric and steam); 4-8½ g; 2
 electric and 1 steam loco; 1 sweeper,
 1 construction; 4 flat and 1 box car. 78

HOHOKUS. 2,292

596—North Jersey Rapid Transit Co.—Gen. Office, Hohokus. (Connects Paterson, Fairlawn, Glen Rock, Ridgewood, Hohokus, Waldwick, Allendale, Ramsey and Mahwah and Suffern, N. Y.)
 Receiver, Henry H. Parmelee....Paterson
 V. Pres. Chas. D. Cooke..... " "
 Actg. V. Pres. & Gen. Mgr.
 Willis E. Fertig.....Titusville, Pa.
 Sec. Walter Bamford.....Paterson
 Treas. Geo. M. Dunlop...New York, N. Y.

Mgr., Ch. Engr., Claim Agt. & Andr.
 George Jackson.....Hohokus
 M. M., P. J. Kennedy..... " "
 Energy purchased from Public Service
 Elec. Co.; trans. volt. 13,000 v; trolley volt.
 600 v.
 Repair shops at Hohokus.
 15.2 miles; 4-8½ g; 8 motor pass., 1
 work and 5 other cars. 197

JERSEY CITY. 27,903.

See also Nos. 70, 602, 635, 663, 678 and 861.)

596a—United Railways Investment Co.—Office, 15 Exchange Place. (This is a holding company controlling the Philadelphia Co., Pittsburg, Pa. through ownership of 57.17 p. c. of its outstanding common stock); it also controls through stock ownership in the California Ry. & Pwr. Co., the United Railroads of San Francisco, the Sierra & San Francisco Pwr. Co., Coast Valleys Gas & Elec. Co and San Francisco Elec. Rys; also owns all the stock (except directors' shares) of The Railroads & Power Development Co.)
 Pres. Mason B. Starring,
 25 Broad St., New York, N. Y.
 V. Prests. { Eben Richards
 25 Broad St., " "
 F. B. Van Vorst
 25 Broad St., " "
 Sec. & Asst. Treas. M. V. R. Weyant
 25 Broad St., New York, N. Y.
 Treas. B. S. Guinness,
 25 Broad St., " "
 Andr. P. M. Hoskins
 25 Broad St., " " 78

KEYPORT. 4,019.

597—Jersey Central Traction Co.—Office, First St., Keyport. (Connects Red Bank, New Monmouth, Belford, Port Monmouth, Keansburg, Keyport, Matawan, Morgan, South Amboy, Perth Amboy, Atlantic Highlands and Highlands. Connects with New York & Long Branch R. R. at So. Amboy, Matawan and Red Bank, and with Central R. R. of New Jersey at Lorillards, Belford, Atlantic Highlands, Highlands and Highland Beach.) (Controlled by American Rys. Co. which in turn is controlled by the National Properties Co.)
 Pres. Van Horn Ely
 Witherspoon Bldg., Philadelphia, Pa.
 V. Pres.
 C. L. S. Tingley..... " " "
 Sec. & Treas. W. W. Perkins
 Witherspoon Bldg., " "
 Asst. Sec. & Treas. F. A. Cater.. Keyport
 Andr. F. J. Pryor, Jr.
 Witherspoon Bldg., Philadelphia, Pa.
 Asst. Andr.
 H. D. Anderson " " "
 Gen. Mgr.
 H. J. Crowley.. " "
 Local Mgr. Wm. H. Hitchcock....Keyport
 Supt. Transp. Wm. Haley..... " "
 Claim Agt. H. D. Brinley.....Red Bank
 Pur. Agt. G. C. Weirick
 Witherspoon Bldg., Philadelphia, Pa.
 Elec. Engr., A. W. Way.....Keyport
 Ch. Engr. Frank M. McShaune.... " "
 Ch. Engr. Pwr. Sta.
 A. C. Huston..... " "
 M. M., A. A. Churchill..... " "
 Engr. M. of W. H. O. Todd...Highlands
 Engr. Ovhd. Constr.
 L. J. Van Desen..... " "
 Power sta. equip. 1 d. c. G. E. 400 kw;
 —a. c. 2650 kva; 800 h. p. e. Harriebg;
 1760 hp. b. Erie, Stlr; 2650 kw. turb (stm)
 Westg H. B. & M. trans. volt. 6600 v;
 trolley volt. 625 v.
 Power sta. (owned by Monmouth Ltg. Co.) and repair shop at Keyport.
 Sub-sta. at Red Bank (2-900 kw. rot.

conv.), South Amboy (1-300 kw. rot. conv.), Stone Church (1-200 kw. rot. conv.)

Reaches Beach Park at Keyport, Auditorium and Beach in Keansburg and Sandlass Beach, Highlands.

44 miles; 4-8½ g; 38 motor and 24 other cars. ★59

LAKESIDE. 5,149.

598—Trenton, Lakewood & Seacoast Ry. Co.—Office, 300 Main St. (Successor to Trenton, Lakewood & Atlantic Ry. Co.) (Will connect Point Pleasant and Lakewood.)
 Pres. George G. Smith Lakewood
 Sec. A. O. S. Havens..... Point Pleasant
 Treas. James H. Butcher..... Freehold
 Ch. Engr. Roy T. Havens..... Point Pleasant
 10 miles (ovhd. catenary); 4-8½ g; 2 motor cars. (Under construction.) 117

LONG BRANCH. 14,565.

(See No. 609.)

METUCHEN. 2,692.

(See No. 602.)

MILLTOWN. 1,902.

(See No. 603.)

MILLVILLE. 13,307

599—Millville Traction Co.—(Connects Millville and Vineland.)
 Pres. Geo. Wood,
 626 Chestnut St., Philadelphia, Pa.
 V. Pres. R. D. Wood
 Sec. G. H. Thomas Millville
 Treas. & Pur. Agt. D. C. Lewis
 Gen. Mgr. W. B. Rauch
 Ch. Mech. Engr. (has. H. Bigelow)
 Ch. Engr. Pwr. Sta. Geo. B. Schrider.
 Power sta. and repair shop at Millville.
 Controls Union Lake Park.
 12.54 miles; 4-8½ g; 16 motor and 2 trail cars. 118

MORRISTOWN. 13,006.

600—Morris County Traction Co., The.—Office, Morristown. (Eastern Div. connects Elizabeth, Union, Springfield, Maplewood, Millburn, Summit, Chatham, Madison, Convent and Morristown; Western Div. connects Morristown, Morris Plains, Mt. Tabor, Denville, Rockaway, Dover, Wharton, Mine Hill, Kenvil, Succasunna, Ledgerwood Landing, and Bertrand Island on Lake Hopatcong.)
 Pres. Henry R. Rea
 Oliver Bldg., Pittsburgh, Pa.
 V. Pres. Joseph K. Choate.... Morristown
 Sec. & Treas. O. G. Schultz... ..
 Andr. H. C. Robbins..... ..
 Gen. Mgr. Claude O. Weldman.....
 Supt. Eastern Div. H. Cummings, Millburn
 Claim Agt. A. S. Richards.... Morristown
 Ch. Engr. H. O. Peckham.... ..
 M. M. Marvin J. Bogardus.... ..
 Energy purchased from Morris & Somerset Elec. Co. and New Jersey Pwr. & Lt. Co; trolley volt. 575 v.
 47.49 miles; 4-8½ g; 44 motor pass. and 3 service cars. ★59

601—Morris R. R. Co.—Office, Morristown. (Connects eastern and western divs. of Morris County Trac. Co.; extends from Danforth Rd., Madison to Washington Headquarters, Morristown.)
 Pres. Henry R. Rea....., Pittsburgh, Pa.

V. Pres. Joseph K. Choate
 43 Exchange Pl., New York, N. Y.
 Sec. & Treas. O. G. Schultz.. Morristown
 2.5 miles. 59

MOUNT HOLLY. 6,000.

(See No. 594.)

NEWARK. 366,721 (1916)

(See also No. 349)

602—Public Service Ry. Co.—Office, 80 Park Place, Newark, N. J. (A consolidation of the North Jersey St. Ry. Co. (lessee of all the property of the Consolidated Trac. Co. of New Jersey), Jersey City, Hoboken) & Paterson St. Ry. Co., and the Union St. Ry. Co. of Central Jersey, the latter formed by merger of Elizabeth & Raritan River St. Ry. Co. and Elizabeth-Plainfield & Central Jersey Ry. Co., (Absorbed the Newark & South Orange Ry. Co., the North Hudson Turnpike Co. and Pavonia Horse R. R. Co.) (Leases Consolidated Traction Co., Rapid Transit St. Ry. Co. of the city of Newark, Camden Horse Railroad Co., South Orange & Maplewood Trac. Co., the Bergen Turnpike Co.-Orange & Passaic Valley Ry. Co., New Jersey & Hudson River Ry. & Ferry Co. (which connects Edgewater, Cliffside Park, Grantwood, Fort Lee, Leonia, Englewood, Teaneck, Bogota, Hackensack, Maywood, Midland, Saddle River and Paterson, and extends from Hackensack to Woodridge, Carlstadt, Rutledge, Lyndhurst and Arlington, with a branch to Lodi), Camden & Suburban Ry. Co., Camden, Gloucester & Woodbury Ry. Co. and Riverside Trac. Co. (which connects Camden, Riverton, Riverside, Beverley, Burlington, Florence Bordentown, and Trenton.) (Connects Paterson, Passaic, Newark, Jersey City, Hackensack, Bayonne, Hoboken, West Hoboken, West New York, Elizabeth, Montclair, the Oranges, Westfield, Rahway, Plainfield, Cranford, New Brunswick, Metuchen, Milltown, Perth Amboy, Trenton, Camden and Gloucester. (Controlled by Public Service Corporation of New Jersey.)

Pres. Thos. N. McCarter..... Newark
 V. Pres. { Percy S. Young..... ..
 { Edmund W. Wakelee.. ..
 Gen. Mgr. Richard E. Danforth
 Sec. Percy Ingalls..... ..
 Asst. } Chas. M. Breder..... ..
 Secrs. } William H. Feller..... ..
 Treas. T. Wilson Van Middlesworth... ..
 Asst. } Robert S. Tompkins... ..
 Treasrs. } Frederick A. Neis..... ..
 Compt. William S. Barker..... ..
 Gen. Andr. Matthew R. Boylan... ..
 Asst. Gen. Mgr. Harry C. Donecker
 Ch. Engr. Martin Schreiber..... ..
 Gen. Supt. N. W. Bolen..... ..
 Supt. Distrba. M. B. Rosevear... ..
 Supt. (Central Div.) Philip F. Maguire..... ..
 Pur. Agt. J. A. Pearson..... ..
 Gen. Claim Agt. H. V. Drown..... ..
 Asst. Gen. Claim Agt. H. D. Briggs
 Mech. Engr. H. A. Benedict..... ..
 Asst. Engr. Howard H. George... ..
 Supt. M. of Way. Martin White... ..
 Real Estate Agt., Geo. Barker... ..
 Supt. Bldgs. D. K. Knight Passaic Wharf,
 Energy obtained from Public Service Elec. Co.
 Amusement Parks reached, — Hillside, (Belleville), Olympic (Irvington), Scheutzen, (Town of Union), Palisade, (Fort Lee.)

399.74 miles; 4-8½ g.; 2,482 motor pass. and 285 service cars. ★50

603—Public Service Corporation of New Jersey.—Office, 80 Park Place, Newark, N. J. Inc. in New Jersey May 6, 1902. Owns all stock (excepting directors' shares) of Public Service Elec. Co., which operates, under lease, all the electric properties controlled by the corporation; also owns all stock (excepting directors' shares) of Public Service Gas Co., which operates, under lease, all the gas properties controlled by the corporation. Controls, through stock ownership, the Public Service Ky. Co. and Public Service R. R. Co., which operate directly or under lease all the street railways controlled by the corporation. The corporation also controls, through stock ownership, the Middlesex Elec. Lt. & Pwr. Co., The Nichols Elec. Lt. & Pwr. Co. of Nutley, N. J., Citizens' Elec. Lt., Ht. & Pwr. Co., Burlington Elec. Lt. & Pwr. Co., Weehawken Contracting Co., Morristown Gas Lt. Co., United Elec. Co. of New Jersey, the New Jersey & Hudson River Railway & Ferry Co., the Princeton Lt., Ht. & Pwr. Co., the Orange & Passaic Valley Ry. Co. and the Shore Ltg. Co.

- Pres. Thos. N. McCarter.....Newark
 Randal Morgan....."
 V. Pres. Anthony R. Kner....."
 Percy S. Young....."
 Edmund W. Wikeles....."
 Sec. Percy Ingalls....."
 Asst. Chas. M. Breder....."
 Secrs. William H. Feller....."
 Treas. T. Wilson Van Middlesworth..."
 Asst. Robert S. Tomkins....."
 Treasrs. Frederick A. Neis....."
 Compt. William S. Barker....."
 Gen. Andr. E. J. Allegaert....." 50

NEW BRUNSWICK. 30,019.
 (See No. 602.)

OCEAN CITY. 3,721.
 (Summer, 20,000.)

604—Ocean City Elec. R. R. Co.—Office, 10th & West Ave.
 Pres. Wm. G. Moore
 701 Drexel Bldg., Philadelphia, Pa.
 Sec. Wm. D. Sherrerd " "
 Real Estate Tr. Bldg. " "
 Treas. & Gen. Mgr.
 Robt. B. Chew.....Ocean City
 Roadmaster, Harry Young....."
 Energy purchased from Ocean City
 Elec. Lt. Co. 2 d. c. G. E. tot. 275 kw;
 trolley volt. 550 v.
 Repair shops at 10th & Haven Avea.
 10 miles; 4-8½ g.; 17 motor cars
 Operation suspended Oct 1918; will
 not operate again. ★19+

ORANGE. 29,630.
 (See No. 602.)

PASSAIC. 61,325.
 (See No. 602.)

PATERSON. 186,600.
 (See No. 602.)

PENNS GROVE. 4,412. (1915.)

605—Salem & Penns Grove Trac. Co.—Office, 1411 Walnut St., Phila., Pa. (Extends from Penns Grove to Pennsville, Salem and Carneys Pt.,

passing du Pont's Farms and Villages; direct connection by ferry between Penns Grove and Wilmington, Del.)
 Pres. J. Elliot Newlin
 Stock Exchange Bldg. Philadelphia, Pa.
 V. Pres. A. F. Porter,
 c. o. E. L. Du Pont de Nemours & Co.,
 Penns Grove

Sec. & Treas.
 Carl N. Martin.....Philadelphia, Pa.
 Supt. & Pur. Agt. H. C. Berry Penns Grove
 M. M., George Applegate.....Pennsville
 Energy purchased from American Ry.
 Co.; rot. conv. tot. 1200 kw.
 3 sub. sta. total cap. 1200 kw; 4 rot.
 conv.; trans. volt. 33,000 v; trolley volt.
 600 v.
 Repair shop at Pennsville.
 Reaches Riverview Beach.
 14 miles; 4-8½ g.; 15 motor pass. cars.
 ★50

PERTH AMBOY. 30,719.
 (See Nos. 357, 602 and 614.)

PHILLIPSBURG. 15,490.

606—Phillipsburg Transit Co.—Office, 14th and Gordon Sts., Allentown, Pa. (Successor to Phillipsburg Horse Car R. R. Co.) (Controlled by the Easton Consolidated Elec. Co., which is in turn controlled by the Lehigh Valley Transit Co.)
 Pres. Jno. A. Bachman.....Phillipsburg
 Sec. & Treas.
 E. E. Wagner.....Allentown, Pa.
 Asst. Sec. & Asst. Treas.
 S. H. Sargent.....Philadelphia, "
 Gen. Mgr.
 H. H. Patterson.....Allentown, "
 Supt. W. E. Titus.....Easton, "
 Claim Agt. W. J. Tryphall, Allentown, "
 Engr. M. of Way, A. F. Smith " "
 Supt. of Equip., W. C. Kirtm. " "
 M. M., C. H. Doud.....Easton, "
 Energy purchased from Penna. Utilities
 Co.; trolley volt. 550 v.
 Repair shops at Easton, Pa.
 7 miles; 4-8½ g.; 16 closed and 2 work
 cars. ★59

PLAINFIELD. 24,516 (1915)
 (See No. 602.)

PLEASANTVILLE. 4,260.

607—Atlantic & Suburban Ry. Co.—(Connects Atlantic City, Absecon, Pleasantville, Linwood and Somers Point.)
 Pres. Harry E. Kohn.....Philadelphia, Pa.
 Sec. & Andr. J. M. Campbell, Atlantic City
 Treas. Irvin L. Stone.....Philadelphia, Pa.
 Supt., Claim & Pur. Agt.
 R. A. Cale.....Pleasantville
 Ch. Engr. W. Marehall....."
 M. M., Howard Channels....."
 Engr. M. of W., Gideon Adams " "
 Power sta. equip. 3 d. c. Westg. tot. 800
 kw; 1050 hp. e. Westg; 900 hp. b. Westg;
 trolley volt. 575 v.
 Power sta. and repair shop at Pleasant-
 ville.
 18 miles; 4-8½ g.; 30 motor and 2 other
 cars. 69

POINT PLEASANT. 1,284 (1917.)
 (Summer 6,500.)

608—Pt. Pleasant Trac. Co.—Gen
 Office, Summit. (Connects Brick Twp
 Point Pleasant and Bay Head.)
 Pres. Carroll P. Bassett.....Summit
 Sec. & Treas. Frank C. Kimball.. "
 Andr. H. M. Shorrock....."
 Gen. Mgr. S. W. Borden....."
 Supt. & Pur. Agt.
 A. S. Phelps.....Pt. Pleasant

Power sta. equip. 1 d. c. C—W. 75 kw
1 mo. gen. set a. c. 2300 v. 3 ph. 100 hp
d. c. 550 v.

Energy purchased from Lakewood &
Coast Elec. Co.; trolley volt. 550 v.

Repair shop at Atlantic Ave., Point
Pleasant.

Reaches Clark's Landing (R. A. Clark,
owner).

3.73 miles; 4-8½ g; 16 motor cars.
(Operates only in summer.) ★59

PRINCETON. 5,678.

(See Nos. 613, 615 and 616.)

RAHWAY. 9,337.

(See No. 602.)

RED BANK. 8,631.

609—Monmouth County Elec. Co.—
Gen. office, Red Bank. (Connects
Rumson, Oceanic, Fair Haven, Red Bank,
Eatontown, Shrewsbury and Long
Branch.)

Receivers { Chas. F. Sexton, Long Branch
Treas., Gen. Mgr. Claim
& Pur. Agt., W. G. Boteler,
Red Bank

M. M. S. T. Knight, " " " " " "
Energy purchased from Atlantic Coast
Elec. Ry. Co.

Repair shops at Shrewsbury.
17.7 miles; 4-8½ g; 16 motor and 5 other
cars. ★59

RIVERSIDE. 3,800 (1915).

(See No. 602.)

SEA GIRT. 1,500.

(See No. 585.)

SEA ISLE CITY. 531.

610—New Jersey Rapid Transit Co.
—Office, Sea Isle City. (Connects Towns-
ends Inlet, Sea Isle City and Corsons
Inlet.)

Pres. G. H. Brooks, Philadelphia, Pa.
V. Pres. & Gen. Mgr. John J. Coyle,
1619 Arch St., Philadelphia, Pa.
Sec., Treas., Andr. & Pur. Agt.

Walter W. Brooks, Philadelphia, Pa.
Supt. & Ch. Engr. Pwr. Sta.

G. L. Whittington, Sea Isle City
Power sta. equip. 1 d. c. Westg, 200 kw;
400 hp. e. Ham. Cor; 500 hp. b. Phoenix;
trolley volt. 550 v.

Pwr. sta. and repair shops at Sea Isle
City.

8 miles; 4-8½ g; 8 motor and 1 trail car.
(Operates in summer only.) (Road dis-
mantled, 1918.) ★19†

SECAUCUS. 4,740.

(See No. 602.)

SOUTH ORANGE. 6,014.

(See No. 602.)

STONE HARBOR. 459 (1915).

611—Stone Harbor Terminal R. R.
Co.—Offices, 96th Street and Sunset
Drive, Stone Harbor, Steam Road
(partly electrified) (Extends from Cape
May Court House to Stone Harbor.)

Pres., R. P. Risley, Stone Harbor
V. Pres., W. J. Warrington, " "

Sec. " "
Treas., D. E. Newton, " " "

4.5 miles; 4-8½ g. ★59

SUMMIT. 9,136.

(See No. 608.)

TRENTON. 103,190 (1915)

612—Penna.-New Jersey Ry. Co.—
Office, Warren & Hanover Sts. (Suc-
cessor to Bucks County Interurban Ry.
Co.) (Extends from end of Trenton City
Bridge in Morrisville through Yardley,
Pa., to New Hope, Pa. and Lambertville,
N. J. and to Newtown, Pa.; also from
Bristol through Hulmeville, Langhorne
and Newtown to Doylestown, and has
trackage rights and use of terminals
in city of Trenton by agreement with
New Jersey & Penna. Trac. Co.)
(The Public Service Commission of the
Commonwealth of Pennsylvania has
authorized this company to purchase
the stock of the Trenton City Bridge
Co. and the Bucks County Elec. Co.)

Pres. Sydney L. Wright
133 So. 5th St., Philadelphia, Pa;
V. Pres. & Gen. Mgr.

Gaylord Thompson, Trenton
Sec. & Treas. Walter T. Bilyeu
133 So. 5th St., Philadelphia, Pa.

Asst. Sec. & Asst. Treas. " "
John M. Morrissey, " "

Gen. Fgt. Agt. H. R. Cox, Trenton
Supt. W. F. Tshudy, " "

Ch. Engr. Pwr. Sta.
Geo. Ettinger, Newtown, Pa.

M. M. Wm. Mohr, Trenton
Pwr. Sta. Equip.—Yardley; 3 a. c. Westg,
Allis-C, G. E. tot. 2100 kw. 3 ph. 25 cys;

2 rot. conv. G. E. tot. 800 kw; 4-226 hp.
b. and 2-264 hp. b. Bab. & W. A. & T;
trans. volt. 13,200 v; trolley volt. 600 v.

Sub-sta. equip.—Newtown: 1 rot. conv.
G. E. 300 kw; trolley volt. 600 v.; Browns-
burg: 300 kw. rot. conv.; Bushington:
150 kw. rot. conv.; Hulmeville: 15 kw.
rot. conv.

Car barns at Trenton and Newtown,
Pa.; repair shops at Trenton, Pa.

48.16 miles; 5-2¼ g; 18 pass., 3 freight,
4 work cars and 2 snow plows. (Co. sells
energy to New Jersey & Pennsylvania
Trac. Co.) 118

613—New Jersey & Pennsylvania
Trac. Co.—Office, Hanover and Warren
Sts. (Controls and operates Trenton,
Lawrenceville & Princeton R. R., Co.
and Princeton St. Ry. Co.) (Connects
Princeton, Lawrenceville, Trenton, and
grants trackage and terminal facili-
ties in the city of Trenton to Penna.-
New Jersey Ry. Co., reaching Mor-
risville, Yardley, New Hope, Pa., and
Lambertville, N. J., Newtown, Bristol,
and Doylestown, Pa.)

Pres. Sydney L. Wright, Philadelphia, Pa.
V. Pres. & Mgr. Gaylord Thompson Trenton
Sec. & Treas.

Walter T. Bilyeu, Philadelphia, Pa.
Gen. Fgt. Agt. H. R. Cox, Trenton

Supt. W. F. Tshudy, " "
Ch. Engr. Geo. Ettinger, " "

M. M. Wm. Mohr, " "

Energy purchased from Penna.-New
Jersey Ry. Co.

Sub-sta. at Lawrenceville (300 kw.)
Repair shops at Hanover and Chancery
Sts.

13.25 miles; 4-8½ g; 5 passenger, 3
freight and 2 work cars. 118

614—Public Service R. R. Co.—
Office, 80 Park Place, Newark. (Mer-
ger, in June, 1913, of Trenton Terminal
R. R. Co. and Elizabeth, New Brunswick
& Trenton R. R. Co. Holds lease of Eliza-
beth & Trenton R. R. Co. for 999 years
from April 1, 1912, as successor to Tren-
ton Terminal R. R. Co.) (Connects Tren-
ton, New Brunswick, Perth Amboy,
Roosevelt, Sewaren, Elizabeth and New-
ark via tracks of the Public Service Ry.
Co.) (Controlled through stock owner-
ship by Public Service Corporation of
New Jersey.)

Pres. Thos. N. McCarter.....Newark
 { Percy S. Young..... "
 V. Prests. { Edmund W. Wakelee "
 Gen. Mgr. { Richard E. Danforth "
 Sec. Percy Ingalls..... "
 Asst. } Chas. M. Bred'er .. "
 Secrs. } William H. Feller..... "
 Treas. T. Wilson Van Middlesworth.. "
 Asst. } Robert S. Tomkins.... "
 Treasrs. } Frederick A. Neis.... "
 Compt. William S. Barker..... "
 Gen. Audr. Matthew R. Boylan.. "
 Asst. Gen. Mgr. Harry C. Donecker "
 Ch. Engr. Martin Schreiber..... "
 Gen. Supt. N. W. Bolen..... "
 Supt. Distribn. M. B. Rosevear... "
 Claim Agt. H. V. Drown..... "
 Asst. Claim Agt. H. D. Briggs.. "
 Real Estate Agt. Geo. Barker... "
 Supt. Bldgs. D. K. Knight..... "
 Pur. Agt. J. A. Pear-on..... "
 Mech. Engr. H. A. Benedict.... "
 Supt. M. of W. Martin White.... "
 Power sta. at Plainsboro (plant oper-
 ated by Public Service Elec. Co.)
 49.656 miles; 4-8½ g.; 26 motor cars. 59

615 — Trenton, Lawrenceville & Princeton R.R. Co.—(Controlled and operated by N. J. & Penna. Trac. Co.) (Connects Trenton, Lawrenceville and Princeton.)

Pres. Sydney L. Wright
 133 So. 5th St., Philadelphia, Pa.
 V. Pres. Frank Battles
 133 So. 5th St., "
 Sec. & Treas. Walter T. Bilyen..... "
 Gen. Mgr. Gaylord Thompson...Trenton
 Repair shop at Hanover and Chancery
 st., Trenton.
 11 miles; 4-8½ g. 118

616 — Trenton & Mercer County Trac. Corpn. 143 Broad St. Bank Bldg. Trenton. (Leases the Trenton St. Ry. Co., Mercer County Trac. Co., Trenton, Pennington & Hopewell St. Ry. and the Trenton, Hamilton & Ewing Trac. Co.) (These roads form the Trenton group of the Interstate Rys. properties.) (Connects Pennington, Hopewell, Lawrenceville, Princeton and Hamilton Square.)

Pres. Rankin Johnson.....Trenton
 Sec. & Treas. Edw. M. Hunt..... "
 Audr. S. R. Harvey..... "
 Pur. Agt. M. Hilda..... "
 Gen. Mgr. & Claim Agt. Edw. J. Peartree..... "
 Ch. Engr. James S. Savers..... "
 M. M. Allen Blanchard..... "
 Supt. Traffic, J. Augustus Hageman..... "
 Supt. Overhead Constr. Harry J. Manley..... "
 Roadmaster Nelson R. Troutman, "
 Power sta. equip; 6 d. c. G. E., Bull. C.-W. tot. 4100 kw; 1500 hp. e. W. C., Weth; 3600 hp b. Edge. Bab. & W.; 2 50 kw. stm. turb. De Laval; trolley volt. 600 v
 Power sta. at Lincoln Ave.; repair shop at Lalor St., Trenton,
 Reaches White City Park (owned).
 70.76 miles; 5-2 g; 149 motor cars, 6 sweepers and plows, 5 other cars. ★49j

617—Trenton St. Ry. Co.—Office, 716 Broad St. Bank Bldg. (Controls Mercer County Traction Co., Trenton-Pennington & Hopewell St. Ry. Co. and Trenton, Hamilton & Ewing Trac. Co.) (Controlled by the United Power & Transportation Co., which in turn is controlled by the Interstate Rys. Co.) Leased to Trenton & Mercer County Trac. Corpn.)

Pres. J. A. Rigg..... Camden
 V. Pres. Walter A. Rigg....Reading, Pa.
 Sec. & Treas. T. W. Grootkett Jr. Camden
 Power sta. at Lincoln Ave.; repair shops at Lalor St.
 Controls Spring Lake Park. 118

WASHINGTON. 3,567.

(See No. 921.)

WEST HOBOKEN. 88,776.

(See No. 602.)

WILDWOOD. 3,500 (1915).

618 — Five Mile Beach Elec. Ry. Co.—Office, 336 Pacific Ave. (Connects North Wildwood, Wildwood and Wildwood Crest.)
 Pres. Henry D. Moore.....Haddonfield
 Sec. Wm. G. Moore..... "
 Treas. & Gen. Mgr. J. Fithian Tatem..... "
 Supt. E. T. Nye..... Wildwood
 Pwr. sta. equip; 3 d. c. C.W. tot. 400kw; 270 hp. e. Bckye; purchases steam from West Jersey Elec. Co.
 5.7 miles; 22 cars. 118

NEW MEXICO.

ALBUQUERQUE. 14,025 (1916).

619—City Electric Co. (Successor to Albuquerque Trac. Co.)—Office, Occidental Life Bldg., Albuquerque. (Connects Old Albuquerque, Albuquerque and Barelax.)
 Pres. Geo. Roslington.....Albuquerque
 V. Pres. W. L. Noneman.... "
 Sec. & Treas. J. R. Hagy... "
 M. M. C. D. Donovan..... "
 Energy purchased from Albuquerque Elec. Lt. & Pwr. Co. Repair shops at Old Albuquerque.
 Owns Traction Park.
 7¼ miles; 4-8½ g; 12 mo. pass. cars. ★59

LAS VEGAS. 6,934.

620—Las Vegas Transit Co.—Local office, Douglas Ave., East Las Vegas; Ex. Office, 60 Broadway, New York, N.Y. (Controlled by Las Vegas Light & Power Co., which in turn is controlled by Federal Lt. & Trac. Co.) (Connects Las Vegas with East Las Vegas.)
 Pres. E. N. Sanderson...New York, N.Y.
 V. Pres. & Treas. J. Dunhill..... " " "
 Sec. E. K. H. D'Aeth.... " " "
 Mgr. W. S. Townsend.....East Las Vegas
 Supt. & Ch. Engr. C. H. Nichols.....New York, N.Y.
 Power sta. equip. 3 d. c. Westg., Lundell, tot. 600 kw; 2 a. c. Westg. tot. 825 kw. 2300 v. 60 cys; 1375 hp. e. Fisher & Stillwell; trans. volt. 2300 v; trolley volt. 600 v.
 Power Sta. at Las Vegas; repair shop at 12th St. & San Francisco Ave.
 8.7 miles; 4-8½ g; 4 motor cars. 78

NEW YORK.

ALBANY. 107,979 (1915).

(See also Nos. 745 and 754)

621—Albany Southern R. R. Co.—Mailing address, Albany. Office, Rensselaer. (Connects Albany, Rensselaer, East Greenbush, East Schodack, Nassau, North Chatham, Electric Park, Niver

ville, Valatie, Kinderhook, Stuyvesant Falls, Roseman, Stockport Center, Stottville and Hudson.)

Pres. Wm. Loeb, Jr.,
120 Broadway, New York

V. { Richard Sutro " "
Prests. { Gen. Mgr.
James E. Hewes,..... Albany
Sec. & Treas.

Irvin W. Day, 100 Broadway, New York

Andr. James A. Connell..... Rensselaer

Supt. & Cl. Agt. J. E. Newman " "

Pur. Agt. C. W. Mullaney..... " "

Gen. Fgt. & Pass. Agt.
C. E. Holmes..... " "

Elec. Engr. & M. M.
Geo. Osburn..... " "

Ch. Engr. Pwr. Sta.
T. H. Ceperley..... Stuyvesant Falls

Power sta. equip. 10 a. c. G. E. tot. 8200

kw. 12,000 v. & 2300 v. 3 ph. 25 & 60 cys;

2800 hp. b. Bab. & W.; 4000 kw. turb.

(-tm.) G. E.; 6755 hp. turb. (wtr.) S. B.;

trans. volt. 12,000 v; trolley volt. 600 v; 1

mot. gen. 500 kw. 40-60 cys. 11,000-2300 v.

4 indoor and 8 outdoor sub-sta; 8 rot.

conv.

Power stas. at Rensselaer and Stuyvesant

Falls; repair shops at Rensselaer.

Purchases at Rensselaer 500 kw. from

Municipal Gas Co., Albany.

Reaches and owns Electric Park at

Kinderhook Lake.

60.9 miles (third-rail); 4-8½ g; 26 motor

pass., 2 exp. motor. 8 fgt. and 9 other

cars; 1 elec. loco. Co. does gen. ltg. and

pwr. business. ★59

622—United Traction Co.—Office,

598 Broadway. (Operates The Capitol

Ry., Lansingburg & Cohoes R. R. Co.,

Troy & Cohoes R. R. Co., Waterford &

Cohoes R. R. and Cohoes Ry. Co.)

(Connects Albany, Rensselaer, Troy,

Cohoes Watervliet, Green Island and

Waterford.)

Pres. L. F. Loree,
82 Nassau St., New York

V. Prests. { W. H. Williams " "
H. B. Weatherwax..... Albany
W. R. Schofield

Treas. C. A. Hoag..... Albany

Andr. D. L. Waters..... " "

Atty. John MacLean..... " "

Compt. W. E. Eppler..... New York

Gen. Mgr. A. E. Reynolds..... Albany

Asst. Gen. Mgr. & Supt. Equip.
Ernest Murphv..... " "

Supt. Transp. Chas. A. Coons..... " "

{ J. C. McDonald..... " "

Div. { T. P. Bowe..... " "

Supts. { A. Crable..... Troy

{ Fred Durant..... " "

Engr. Pwr. & Lines, C. E. Faoldt..... Albany

Supt. Pwr. Sta. Hugh O'Neil..... " "

Engr. M. of W., Chas. Brennan... " "

Supt. Ovhd. Cons. M. Leahy..... " "

Power stas. equip. 12 d. c. G. E., Westg.,

Walker tot. 4340 kw. 50'0 hp. e. K. & K.,

Cpr., Green; 8420 hp. b. Bab. & W., Stir;

energy also from Adirondack Elec. Pwr.

Corpn.; trans. volt. 11,000 v; trolley volt.

550 v.

Power stas. at Albany and Troy; repair

shops at Albany (main shops) and Troy

(division shops).

111,888 miles; 4-8½ g; 491 motor and 3

other cars. ★79

AMSTERDAM. \$4,319.

(See No. 648.)

AUBURN. 34,668

(See also Nos 653 and 749.)

623—Auburn & Syracuse Elec. R.

R. Co.—Office, 82 Genesee St., Auburn.

(Operates in Auburn and an inter-

urban division between Auburn, Skane-

ateles, Marcellus, Split Rock and Syra-

cuse.) (Under management of Peck,

Shannahan & Cherry, Inc.

Pres. Arthur W. Loasby..... Syracuse

V. Prests. { H. G. Metcalf..... Auburn

{ T. C. Cherry..... Syracuse

Sec. H. C. Beatty..... " "

Treas. & Andr. L. E. Lippitt..... Auburn

Gen. Mgr. & Pur. Agt.
W. J. Harvie..... " "

Supt. W. A. Dwinelle..... " "

Cl. Agt. & Gen. Fgt. & Pass. Agt.
W. J. Lee..... " "

M. M., E. R. Benson..... " "

Roadmaster, Jno. Bergin..... " "

Energy purchased from Niagara, Lock-

port & Ontario Pwr. Co; trans. volt. 16,500

v; trolley volt. 550-600 v.

Repair shop at Auburn.

Reaches and owns Lakeside Park.

Owasco Lake, Auburn.

64.76 miles; 4-8½ g; 66 motor pass.

1 trail pass., 8 other motor and 8 other

cars. ★59

AVON. 2,430.

(See No. 740.)

BABYLON. 3,100.

624—Babylon R. R. Co.—Office,

40 Pine St., New York. N. Y. (Extends

and operates from Long Island R. R.,

Amityville, to steamboat dock at foot of

Fire Island, Babylon.)

Pres. Arthur C. Hume..... New York

Fred. L. Kopff..... " "

Supt., Claim Agt. & Gen. Fgt. &

Pass. Agt. Gilbert G. Dorland. Babylon

M. M. Chas. May..... " "

Energy purchased from Babylon Elec.

Lt. Co.; trolley volt. 550 v.

Repair shops at West Babylon.

8 miles; 4-8½ g; catenary overhead;

5 motor and 2 other cars. 118

BALLSTON. 4,344.

625—Kaydeross Railroad Corpo-

ration—Office 309 Milton Ave. (Pur-

chased the property of Eastern New

York R. R. Co.) Operates between

Ballston and Middle Grove.)

Pres. E. M. Brown..... Rock City Falls

V. Pres. D. W. Mabee..... Saratoga

Sec. W. H. Estes..... Ballston

Treas. E. E. Brown..... Rock City Falls

Supt. S. A. Fgan..... Ballston

Ch. Engr. Fred. Sherman..... " "

Energy purchased from Adirondack

Elec. Pwr. Corp; 1-800 kw. rot. conv. G.

E; trans. volt. 2800 v; trolley volt. 600 v.

Power sta. and repair shop at Factory

Village (no P. O.)

15 miles; 4-8½ g; 2 motor and 4 other

cars. ★59

BATAVIA. 18,278.

626—Batavia Traction Co.—Office,

Batavia.

Pres. S. W. Brown..... Batavia

V. Pres. M. H. Keogh..... " "

Sec. N. K. Cone..... " "

Treas. G. W. Watson..... " "

Energy purchased from Genesee Lt. &

Pwr. Co., 1 d. c. West; 1 mo. gen. set.

Repair shops at Clinton St.

2.25 miles; 4-8½ g; 4 mo pass. cars.

★59

BEACON, 10,825 (1915).

627—Fishkill Electric Ry. Co.—

Office, Beacon. (Operates under lease

the Citizens R. R. Light & Power Co.

—2.53 miles.) (Connects Newburgh by

ferry with City of Beacon and Fishkill.)

Pres. & Gen. Mgr. J. T. Smith... Beacon

V. Pres. Wm. J. Conklin..... Fishkill

Sec. Harry K. Tompkins.....Beacon
 Treas. George F. Patterson..... "
 Supt. & Elec. Engr. Wm. G. Duntz "
 Ch. Engr. Austin McGinn.....Glenham
 Energy purchased from Central Hudson
 Gas & Elec. Co.; trans. volt. 13,000-2300
 v; trolley volt. 600 v.
 1 sub-sta.; 1 rot. conv. Westg. 500 kw.
 2300 v. 2 ph. 60 cys; 600 v. d. c.
 Power sta. and repair shop at Beacon.
 Reaches Mt. Beacon.
 7.5 miles; 4-8½ g; 17 motor and 2 other
 cars. (Installing 1 West. rot. conv. 300
 kw. 1300 v. 2 & 3 ph. 60 cys—600 v. d. c.
 350 hp. wtr. turb; 1 a. c. 200 kw. 2300 v.
 60 cys.) 118

628—Mt. Beacon-on-Hudson Asso-
ciation.—Office, Beaconcrest, Beacon.
 (Operates cable incline railway to sum-
 mit of Mount Beacon.)
 Pres. & Treas.
 Jesse B. Pattee.....Manchester, N. H.
 V. Pres., Weidon F. Weston.....Beacon
 Gen. Mgr.
 John B. Lodge.....Manchester, N. H.
 Ch. Engr. Robert Barrett.....Beacon
 Energy Purchased from Southern
 Dutchess Gas & Elec. Co.; trans. and
 trolley volt 500 v.
 2200 ft. cable incline; 2 cars. ★59

BINGHAMTON. 65,000 (1918.)

649—Binghamton Railway Co.—
 Office, 375 State St. (Connects Bingham-
 ton, Port Dickinson, Johnson City, En-
 dicott and Union.) (Owned by Scranton
 & Binghamton R. R. Co.)
 Receiver W. G. Phelps.....Binghamton
 Pres. F. L. Fuller..... "
 V. Pres. R. W. Day.....Scranton, Pa.
 Sec. W. H. Hecox.....Binghamton
 Treas. Elmer M. White..... "
 Asst. Sec.-Treas. H. Jackson "
 Claim Agt. H. A. Smeck "
 375 State St. "
 Supt. Transpt. W. Burley .. "
 Ch. Engr Pwr. Sta. "
 T. Pinckney..... "
 M. M. H. M. Rhoda..... "
 Power sta. equip. 6 d. c. G. E. tot. 1500
 kw; 1 a. c. G. E. 1500 kw. 370 v. 3 ph.
 25 cys; 500 hp. e. B. & W., McI. & S;
 2000 hp. b. Bab. & W., A. & T.; 2000 kw-
 atm. turb. G. E.; trans. volt. 13,200 v;
 trolley volt. 600 v.
 Power station and repair shop at 375
 State St., Binghamton.
 Reaches Ideal Park and Ross Park.
 49.74 miles; 4-8½ g; 141 motor and 21
 other cars. (Co. does a general ltg.
 and pwr. business in Endicott.) ★59

BROOKLYN. 1,928,482 (1915.)

See Borough of Brooklyn—New York

BUFFALO. 461,887 (1915.)

(See also Nos. 659 and 760.)

630—Buffalo & Depew Ry. Co.—
 Local office, Depew; general office, 618
 Ellicott Square, Buffalo, N. Y. (Con-
 nects Buffalo, Depew and Lancaster.)
 Receiver Wm. B. Cutter.....Buffalo
 Sec. Percy Eaton..... "
 Supt. Pur. Agt. & "
 Engr. M. of W., U. L. Upson....Depew
 Ch. Engr. Pwr. Sta. "
 C. L. Hendryx..... "
 Elec. Engr. & M. M. F. S. Russ... "
 Energy purchased from Niagara & Erie
 Pwr. Co.; 2 d. c. G. E. tot. 700 kw; trolley
 volt. 550 v; repair shop at Depew. Pwr.
 sta. at Depew.
 Reaches Smith's Grove and Gangloff
 Park (private).
 14 miles; 4-8½ g; 12 motor, 4 trailers
 d 2 other cars. (During 1919 expects

to build line from Depew to Bowmans-
 ville (2 miles) and from Depew to Lan-
 caster, N. Y. C. Sta. (¼ mile). 118

631—Buffalo & Lackawanna Trac.
Co.
 Receiver, Harry Evers,
 Ellicott Sq. Bldg. Buffalo
 Pres. M. D. Evans 61 Broadway. New York
 V. Pres. P. C. Schutrum
 43 Exchange Pl. "
 Sec. & Treas. F. G. Robinson "
 61 Broadway. "
 Energy from International Ry. Co. and
 Buffalo & Lake Erie Trac. Co.
 8.8 miles; 4-8½ g. ★59

632—Buffalo & Lake Erie Trac.
Co.—Office, Exchange Bldg., Erie, Pa.
 (Leases Buffalo & Lackawanna Trac.
 Co.) (Connects Buffalo, Lackawanna,
 Hamburg, Angola, Silver Creek, Dun-
 kirk, Fredonia, Brocton, Westfield and
 Ripley, N. Y.; North East and Erie, Pa.)
 Receiver, Geo. Bullock,
 61 Broadway, New York
 Treas. & Pur. Agt.
 A. F. Tidewell..... Erie, Pa.
 Audr. M. J. Binkley..... "
 Gen. Mgr. A. R. Myers..... "
 Asst. Gen. Mgr. Geo. Baker.....Fredonia
 { P. J. Gallagher..... "
 { R. T. Nolan..... Erie, Pa.
 Supts. { W. J. Gail..... Buffalo
 { Louis Pease..... Erie
 Supt. Overhead, Wm. Jefferson.. Fredonia
 Claim Agt. C. G. Lohman..... Buffalo
 M. M., P. J. Wood..... Erie, Pa.
 Roadmaster, C. M. Harrison... Fredonia
 Energy purchased from Niagara, Lock-
 port & Ontario Pwr. Co. and Erie Ltg.
 Co.; trolley volt. 650 v. catenary; repair
 shops at Buffalo and Fredonia, N. Y., and
 Erie, Pa.
 Reaches Waldameer Park, Erie, Central
 Park, between Dunkirk and Fredonia,
 and Pt. Gratiot on Lake Erie.
 191.15 miles; 4-8½ g; 210 pass., 7 motor
 fgt., 12 trailer fgt. and 25 service cars. ★59

633—The Buffalo Southern Ry.
Co.—Office, 2455 Seneca St., Buffalo.
 (Connects Buffalo, Hamburg, Orchard
 Park, Gardenville and Ebenezer.)
 Receiver, Gen. Mgr. & Pur. Agt.
 Nathan A. Bundy.....Buffalo
 Pres. Wm. J. Wheeler
 16 Court St., Brooklyn
 V. Pres. A. S. Willdig "
 Sec. Dan'l K. Harrington.....Buffalo
 Ch. Engr. Fred'k Wing..... "
 Supt. Transp. Wm. Doud.. Orchard Park
 Supt. Line & Mot. Pwr.
 John Holstein.....Ebenezer
 Ch. Engr Pwr. Sta. G. A. Wahle "
 Track Foreman, Fred. Slade. Gardenville.
 Power sta. equip. 4 d. c. Keystone, G. E.
 West. tot. 850 kw; 625 hp. e. (gas); 900
 hp. e (stm.); 500 hp. b. stir; trolley volt.
 550 v.
 1 sub-sta. cap. 600 kw; 2 rot. conv.
 Power stas. at Ebenezer repair shop
 at Gardenville and Orchard Park.
 Reaches Erie County Fair Grounds at
 Hamburg, Lein's Park (Buffalo) owned
 by H. C. Lein and Gardenville Park.
 26.95 miles; 4-8½ g; 12 motor and 16
 other cars, 2 snow plows, 1 sweeper. (8
 miles to E. Aurora under construction.)
 ★59

634—International Railway Co.—
 General Office, Littell Bldg., cor Huron
 and Franklin Streets, Buffalo. (A con-
 solidation into one operative company,
 of all the street railways in Buffalo,
 Niagara Falls, Lockport, Tonawanda,
 North Tonawanda and vicinity. The
 constituent companies merged, con-

solidated or purchased are as follows: Buffalo Railway Co., Buffalo Traction Co., Buffalo & Niagara Falls Elec. Ry., Buffalo, Bellevue & Lancaster Ry. Co., Buffalo & Lockport Ry., Buffalo, Tonawanda & Niagara Falls Electric Railroad Co., Elmwood Ave. & Tonawanda Elec. Ry. Co., Lockport & Olcott Ry., Niagara Falls & Suspension Bridge Ry. Co., Niagara Falls Whirlpool & Northern Ry., Niagara Falls Park & River Ry. Co., Niagara Falls, Ont., Niagara Falls Suspension Bridge Co., Clifton Suspension Bridge Co., Lewiston Connecting Bridge Co., Queenstown Heights Bridge Co., Crosstown St. Ry. Co., of Buffalo and The Elec. City Ry. Co., Niagara Falls.) (Purchased right of way, property and holdings of the Frontier Elec. Ry., which was organized to construct an elec. ry. over private right-of-way from Niagara Falls to Buffalo.) (Connects with the aerial cableway operated by The Niagara Spanish Aerocar Co., Ltd.) (Owned and controlled by the International Trac. Co.) (Connects North Tonawanda, Tonawanda, La Salle, Niagara Falls, N. Y., Niagara Falls, Ont., Lockport, Olcott, Lancaster and Depew, N. Y.)

Pres. E. G. Connette.....Buffalo
 V. Pres. { Edgar J. Dickson
 Gen. Counsel, Thos. J. Penney, 858 Ellicott Sq. "
 Sec. N. Oille "
 Treas. P. C. Reinhardt "
 Andr. C. A. Chavel "
 Claim Agt. L. H. Stickle "
 Pur. Agt. H. C. Young "
 213 Littell Bldg., "
 Gen. Sup. Transp. John O. Wiegel, "
 Supts. { Lockport Div. A. I. Henry "
 of Niag. Falls Div. "
 Divs. { E. H. Henning "
 Buffalo City Lines "
 T. W. Connett "
 Equip. J. W. Hulme "
 Main & Michigan Sts. "
 Supts. { Pwr. G. W. Dunlap, Pwr. Sta. "
 Niagara & School Sts. "
 Track, Line, Bridge and Bldg. Depts. H. L. Mack "
 Main & Virginia Sts., "
 Engr. H. E. Reixinger "
 Main & Virginia St., "
 Elec. Engr. O. Baskin. "
 Pwr. Sta., Niagara & School Sts., Buffalo

Traffic Agt., W. J. Whiteside..... "
 Gen. Agt. Geo. Chambers..... "
 Power sta. equip. 9 d. c. G. E. tot. 4900 kw; 4 a. c. G. E. West. tot. 8590 kw. 11,000-11,000 v. s. & 3 ph. 25 & 60 cys; 8050 hp. e. Allis-C. Lake Erie; 5260 hp. b. Bab. & W; 5500 kw. turb. (stm.) West; 3000 hp. turb. Jenckes, Kennedy, Globe; trans. volt. 11,000 & 22,000 v; trolley volt-625 v.

Energy also purchased from Buffalo General Elec. Co., Tonawanda Pwr. Co. and The Niagara Falls Pwr. Co.
 Power stas. at Niagara St., Buffalo and Niagara Falls, Ont.
 12 sub. stas. tot. cap. 39,000 kw; 47 rot. conv. 4-2000 kw. 23-1000 kw. 20-400 kw.
 Repair shop at Main St. and Michigan Ave., Buffalo.

Company owns hotel and amusement resort at Olcott Beach; reaches Delaware, Cazenovia, South, Humboldt City Parks and B. L. & O. Div. (owned.)
 436.747 miles; 4-8½ g; 951 mo. pass., 4 trail pass., 9 exp. mo., 10 fgt., 165 service and 1 horse cars; 3 elec. locos. ★59

635—International Traction Co.—
 Gen. Office, Littell Bldg., Corner Huron and Franklin Sts. Registered office, with Corporation Trust Co., 15 Exchange Place, Jersey City, N. J. (Holding company, owning entire stock of International Ry. Co.) (The United

Gas & Elec. Corp. owns 60 p. c. of the common stock.)
 Chmn. Ex. Com., Rodman E. Griecom, 40 Wall St., New York
 Pres. E. G. Connette.....Buffalo
 Sec. Norman Oille "
 Treas. P. C. Reinhardt "
 Andr. C. A. Chavel..... "
 ★59

CANANDAIGUA. 7,501.

636—Ontario Light & Trac. Co.
 —Office, 34 Clinton Ave., No. Rochester. (The lighting interests of this company have been merged into the Rochester Ry. & Lt. Co.) (Controlled through stock ownership by New York State Rys.)
 Pres. Jas. F. Hamilton.....Rochester
 Sec. J. C. Collins..... "
 Treas. M. S. Barger.....New York
 Asst. Treas. C. A. Tucker.....Rochester
 Gen. Mgr. J. T. Hutchings..... "
 Supt. V. A. Miller.....Canandaigua
 Power sta. equip., 1 a. c. Westg. 185 kw. 2300-104 v. 3 ph. 60 cys; 325 hp. wtr. turb. Smith; trans. volt. 6600 v; trolley volt. --v; energy also purchased from Rochester Ry. & Light Co.
 Power sta. at Littleville.
 8 miles; 4-8½ g. ★59

COHOES. 24,709.

638 — Cohoes Ry. Co. — Office, 598 Broadway, Albany. (Connects Cohoes, Watervliet, Green Island and Troy.) (Leased and operated by the United Trac. Co.)
 Pres.
 L. F. Lorie...32 Nassau St., New York
 { W. H. Williams
 32 Nassau St., "
 V. Prests. { H. B. Weatherwax....Albany
 W. B. Schofield
 32 Nassau St., New York
 Treas. C. A. Hoag.....Albany
 Andr. D. L. Waters..... "
 Atty. John MacLean..... "
 Compt. W. E. Eppler..... "
 Gen. Mgr. A. E. Reynolds..... "
 6.682 miles; 4-8½ g; 9 motor cars. ★79

COOPERSTOWN. 2,634 (1915).

639—Southern New York Pwr. & Ry. Corp. — Office, Cooperstown. (Successor to Otsego & Herkimer R. R. Co.) (Connects Oneonta, Cooperstown, Richfield Spgs., Jordanville, Schuyler Lake, Fly Creek, Index, Hartwick, Laurens, Mohawk and Herkimer.)
 Pres. Jos. B. Mayer,
 43 Exchange Pl., New York
 V. Pres., Gen. Mgr. &
 Pur. Agt. C. L. Stone.....Cooperstown
 Sec. J. L. DeRosset 37 Wall St., New York
 Treas. & Andr. H. R. Skirving Cooperstown
 Supt. G. C. Killeen.....Hartwick
 Supt. Transp. W. G. Andrus..... "
 Claim, Gen. Fgt. & Pass. Agt.
 E. D. ConklinRichfield Springs
 Elec. Engr. C. S. Stanton....Cooperstown
 Power sta. equip. 5 a. c. G. E., Westg. tot. 4500 kw. 13,200 v. 3 ph. 25 cys; 1500 hp e. Bass; 1050 hp. b. Bab. & W; 4000 hp. turb. (wtr.) Holyoke; trans. volt. 13,200 v; trolley volt. 600 v.
 Steam plant and repair shop at Hartwick; hydro-electric plant at Colliersville.
 Reaches Canadarago and Lake House Parks.
 65.66 miles; 4-8½ g; 32 motor and 26 other cars. (Co. sells energy to Southern New York Power Co.) (Installing 937 kva. turbo gen.) ★59

CORNING. 13,730.

640—Corning & Painted Post St. Ry.—Gen. Office, 50 Church St., New

York City. (Connects Corning and Painted Post.)
 Pres. F. D. Underwood..... New York
 V. Prests. } Treas. David Bosman "
 } G. F. Brownell..... "
 Sec. J. E. Packer..... "
 Compt. A. L. Sorensen..... "
 Ch. Engr. R. C. Falconer..... "
 Gen. Supt. J. R. Empey..... Elmira
 Gen. Agt. C. B. Hammond..... "
 Pur. Agt. J. E. Packer..... New York
 Energy purchased from Corning Lt & Pwr. Corp.; trolley volt. 570 v.
 Repair shops at Mosey Glen.
 5.9 miles; 4-8½ g; 13 motor pass. and 3 other cars. ★59

CORTLAND. 12,367.

641—The Cortland County Traction Co.—Office, 129 S. Main St. (Connects Cortland, Homer, McGraw, Preble and Little York.)
 Pres. Edwin Duffey..... Cortland
 V. } D. W. VanHoesen..... "
 Prests. } E. H. Brewer..... "
 Sec., Treas., Gen. Mgr. & Pur. Agt. G. H. Garrison..... "
 Power sta. equip. 1 d. c. G. E. 200 kw; 2 a. c. G. E. tot. 400 kw. 2200 v. 2 ph. 60 cys; 750 hp. e. B. & W; 1330 hp. b. A. & T., Helne, Edge; 2000 kw. turb. (stm.) G. E.; trolley volt. 600 v.
 Power sta. and repair shop at Cortland. Reaches and owns Little York Park.
 17.4 miles; 4-8½ g; 14 motor pass., 6 trail pass., and 2 other cars. (Company does lighting and power business.) 59

DUNKIRK. 17,870.

(See No. 632.)

EAST ROCHESTER. 3,471.

(See No. 750a.)

ELMIRA. 40,073 (1915).

642—Elmira, Corning & Waverly R. R.—Office, 400 East Water St., Elmira (Operates between Wellsburgh, Chemung, Waverly, Elmira, Corning, E. Corning and Big Flats.)
 V. Pres. & Treas. David Bosman..... New York
 Sec. & Pur. Agt. J. E. Packer..... "
 Gen. Audr. A. L. Sorenson... "
 Gen. Supt. J. R. Empey..... Elmira
 Gen. Agt. C. B. Hammond..... "
 Supt. Equip. J. A. Wilcox..... "
 Energy from Elmira Wtr. Lt. & R. R. Co.; trans. volt. 11,000 v; trolley volt. 600 v.
 Repair shops at Corning.
 36 miles; 4-8½ g; 13 motor cars and 1 other car. 59

643—Elmira Wtr. Lt. & R. R. Co.—Office, Hulett Bldg., cor. Lake & Water Sts. (In 1914, absorbed West Side R. R. Co.; and in 1916, absorbed Elmira & Seneca Lake Trac. Co. and Elmira Transmission Co.) (Controlled by United Gas & Elec. Co., which in turn is controlled by The United Gas & Elec. Corpn., 61 Broadway, New York, N. Y.) (Connects Elmira, Elmira Heights, Center Mills, Horseheads, Pine Valley, Millport, Croton, Montour Falls, Watkins, Southport Corner, West Elmira and Clark's Glen.)
 Pres. E. G. Connette..... New York
 V. Pres. Geo. Bullock..... "
 V. Pres. & Gen. Mgr., F. H. Hill... Elmira
 Sec. & Treas. C. A. Kolstad..... "
 Asst. Sec. J. A. McKenna,.... New York
 Audr. A. M. Lewis..... Elmira
 Supt. Transp. & Claim Agt. Francis G. Maloney..... "
 Gen. Fgt. Agt. Chas. Dalhaus..... "

Ch. & Elec. Engr., H. E. Gough .. Elmira
 Foreman Pur. Sta. George Douson .. "
 Supt. Equipmt. & Ovhd. Constr. C. M. Banje..... "
 Storekeeper C. H. Westcoat..... "
 Power sta. equip. 2 d. c. tot. 10,500 kw; 3 a. c. turbo-gen. Allis-C. G. E. tot. 12500 kva. 2300 v. 3 ph. 60 cys; 3930 hp. b. Bab. & W; trans. volt. 11,000 and 22,000 v; trolley volt. 600 v.
 2 sub-stas. tot. cap. 2850 kw. (ry.) 5 rot. conv.
 Power sta. at E. Water & Sullivan Sts; repair shops at E. 5th St., Elmira, and College Ave., Elmira.
 Owns Korick's Glen Park and Maple Ave. Driving Park; reaches the Chemung and Schuylcr County Fairgrounds. Havana Glen, Watkins Glen Seneca Lake and Eldridge Park.
 48.21 miles; 4-8½ g; 45 (closed) and 21 (open) motor pass., 18 trail pass., 1 ft. motor and 17 service cars. (Co. does gas and electric lighting and power business and sells energy to Corning Lt. & Pwr. Corp. and Elmira, Corning & Waverly R. R.) ★59

FAIRPORT. 3,553.

(See No. 750a.)

FALCONER. 2,342.

(See No. 656.)

FISHKILL. 516.

(See No. 627.)

FLUSHING.

(See No. 743.)

FREDONIA. 5,235.

(See No. 632.)

FREEPORT. 7,463 (1915).

(See also No. 649.)

644—Great South Bay Ferry Co.—Office, 1-7 Railroad Ave. (Absorbed the S-a Shore Municipal R. R. Co.) (Part of line which connects Freeport and Point Lookout with Long Beach, 6 miles.)
 Pres. & Treas. Julius Bindrim
 511 Lafayette Ave., Brooklyn
 Sec. Madeline Kober..... Merrick
 Atty. Elvin N. Edwards..... Freeport
 Gen. Mgr. Grover Stevens..... "
 Energy purchased from New York & Long Island Trac. Co.
 2.92 miles; 1.5 miles (owned), 1.42 miles (track rights); 4-8½ g; 2 cars. ★19†

FULTON. 11,138.

(See No. 749.)

GARDENVILLE. 550.

(See No. 633.)

GENEVA. 13,232.

(See Nos. 741 and 747.)

GLEN COVE. 3,750.

645—The Glen Cove R. R. Co.—Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co.) (Connects Sea Cliff, Glen Cove, Glen Cove Dock and Hempstead Harbor.)
 Pres. A. J. County..... Philadelphia, Pa.
 V. Pres. C. L. Addison..... New York
 Sec. W. F. Brown..... "
 Treas. Geo. A. Walker..... Philadelphia, Pa.
 Compt. C. M. Bunting..... "
 Supt. Alvah Seaman..... Far Rockaway
 Gen. Real Estate Agt. Thos. W. Hulme..... Philadelphia, Pa.

Energy from The Long Island R. R. Co.; trolley volt 2200 v. 3.45 miles (catenary); 4-8½ g; 4 motor cars and 1 other car. ★79

GLENS FALLS. 16,323.

646—Hudson Valley Ry. Co.—(A consolidation of the Stillwater & Mechanicsville St. Ry. Co., the Greenwich & Schuylerville Elec. R. R., the Saratoga Trac. Co., the Saratoga Northern Ry., the Glens Falls, Sandy Hill & Fort Edward St. R. R. Co., and the Warren County Ry. Leases The North River Ry.) (Connects Troy, Mechanicsville, Saratoga, Glens Falls and Warrensburg.)

Pres. L. F. Loree... 32 Nassau St., New York
V. Prests. W. H. Williams 32 Nassau St., "
Par. Agt. H B Weatherwax. Albany
Sec. F. M. Olyphant.....New York
Treas. C. A. HoagAlbany
Audr. D. L. Waters "
Compt. W. E. Eppler 32 Nassau St., New York
Atty. Jas. McPhillips.....Glens Falls
Gen. Mgr. A. E. Reynolds.... "
Asst. Gen. Mgr. H. F. Atherton "
Div. Supt. Edw. D. Preston... "
Div. Supt. John Mahoney.....Stillwater
Gen. Pass. Agt. F. J. Keenan Glens Falls
Gen. Fgt. Agt. F. F. Newberry "
Supt. of Equip. James Watt... "
Res. Engr. N. E. Davis..... "
Supt. Pur & Lines G. W. Davison "
Pwr. sta. equip. 2 d. c. West. tot. 500 kw; 2 a. c. G. E., C. W. tot. 580 kva. 440 v. 8 ph. 40 cys.
6 sub-sta. tot. 3975 kw; 6 rot. conv; trans. volt. 22,000 v; trolley 600 v.
Pwr. stas. at Stillwater and Middle Falls; repair shops at Queensbury, Stillwater and Saratoga.
Reaches Kaydeross Park, Saratoga Lake and Ondawa Park, Greenwich.
12½.18 miles; 4.8½ g; 114 motor and 8 other cars. ★79

648—Fonda, Johnstown & Gloversville R.R. (Electric Div.)—Office, Gloversville. (Connects Gloversville, Johnstown, Fonda, Amsterdam and Schenectady.)
Pres. J. Ledlie Hees.....Gloversville
Sec. Frank Burton..... "
Treas. & Audr. Geo. A. Harris "
Asst. Treas. E. J. Beach..... "
Gen. Mgr. W. H. Collins.... "
Supts. Amsterdam Div. J. G. Nelli.....Amsterdam
Cayadutta Div. C. B. Nettle.....Gloversville
Claim Agt. Wm. H. Hyland... "
Gen. Pass. Agt. Robt. M. Colt "
Pur. Agt. A. E. Venner..... "
Ch. Eng Pwr. Sta C. L. Gates..Tribes Hill
Ch. Engr. Judson Zimmer... "
Roadmaster. Thos Ryan....Gloversville
"Summer Resort" Mgr. F. W. Wilson.....Sacandaga
Power sta. equip. 3 d. c. exc. G. E. tot. 225 kw; 3 a. c. G. E. tot. 3000 kw. 3 ph. 25 cys; 4500 hp. e. Allis-C; 4000 hp. b. Spgr; trans. volt. 13,200 v; trolley volt. 575 v; energy also purchased from East Creek Elec. Lt. & Pwr. Co.
3 sub-sta. tot. cap. 3500 kw; 10 rot. conv.
Power sta. at Tribes Hill; repair shops, at Amsterdam and Gloversville Sub-stas. at Amsterdam, Glenville & Johnstown.
Owns and operates Sacandaga "Summer Resort."
82 miles; 4-8½ g; 65 motor pass., 25 other motor and 30 other cars. ★59

HAMBURG. 2,744.

(See No. 632.)

HEMPSTEAD. 6,073.

649—The New York & Long Island Trac. Co.—Office, Hempstead, L. I. (Connects Mineola, Garden City, Freeport, Rockville Centre, Hempstead, Queens, Lynbrook, Valley Stream, Rosedale, Springfield, Ozone Park, Woodhaven Junction, Munson, Franklin Square, Queens and Jamaica.) (Controlled by The Long Island Consol. Elec. Cos. and Interborough Rapid Transit Co.)

Pres. C. L. Addison..Penna. Sta., New York
V. Pres. Gen. Mgr. & Pur. Agt. W. O. Wood.....Long Island City
Sec. & Treas. W. F. Brown...Penna. Sta., New York
Audr. Wm. Hartz.....Long Island City
Supt. John M. Stoddard.....Hempstead
Claim Agt. A. J. Eaton..Long Island City
Engr. Pwr. Sta. D. W. McFaul.....Rockville Centre
Supt. of Equip. J. W. Gerke.....Long Island City
Power sta. equip 2 a. c. West. tot. 1000 kw. 2 ph. 60 cys; 1000 hp. e. Cor. Ger; 1000 hp. b. Nat'l; trans. volt. 6600 v; trolley volt. 575 v.
1 sub-sta. cap. 400 kw; 2 rot. conv.
Power sta. at Rockville Centre; repair shops at Hempstead.
Reaches Belmont Park.
41.99 miles; 4-8¼ g; 36 motor pass. and 7 other motor cars; 1 other car. 59

HOMER. 2,695.

(See No. 641.)

HOOSICK FALLS. 5,532.

650—Hoosick Falls R.R. Co.—Gen. Office, 129 Church St., New Haven, Conn. (Leased to the Vermont Co., but by agreement with said company the Berkshire St. Ry. Co. operates the property.) (Connects Hoosick Falls and Bennington, Vt.)

Pres. Howard Elliott. New Haven, Conn.
V. Prests. L S. Storrs " "
Gen. Mgr. C. Q. Richmond, Pittsfield, Mass.
Sec. & Treas. A. E. Clark.....New Haven, Conn.
Audr. I. A. May..... "
Supt. Geo. E. Greene.....Hoosick Falls
Engr. Pwr. Sta. T. H. Curran.....Walloomsac
Power sta. equip. 2 d. c. West. G. E. tot. 400 kw; 800 hp. e. Ham. Cor. Fishkl; 300 hp. b. Heine. St. L.; trans volt. 575-550 v.
Power sta. at Walloomsac, N. Y; repair shop at No. Bennington, Vt.
Reaches Battle Field Park.
7.55 miles; 4-8¼ g; 15 motor and 13 other cars; 1 snow plow. 79

HORNELL. 14,352.

651—Hornell Trac. Co.—Office, Adsit St., Hornell. (Connects Hornell and Canisteo.)
Recvr & Gen. Mgr. Robt. W. Bull, Hornell
Asst. Recvr., Raymond E. Page, "
Audr. E. V. Donerely..... "
M. M. W. Whitaker..... "
Energy purchased from Hornell Elec. Co.; trolley volt. 550 v.
Repairshop at Adsit St., Hornell.
Owns and reaches Glenwood Park, 33 acres.
10.9 miles; 4-8¼ g; 17 mo. pass., 6 trail pass. cars and 1 other car. ★59

HORSEHEADS. 1,810.

(See No. 643.)

HUDSON. 11,417.

(See No. 621.)

MUNTINGTON. 5,000 (1915)

652—Huntington R. R. Co.—Office,
Penna. Sta. New York. (Controlled by
The Long Island R. R. Co.) (Con-
nects Huntington Harbor, Huntington
Village, Amityville and Amityville
Dock.)
Pres. A. J. County Philadelphia, Pa.
V. Pres. C. L. Addison New York
Sec. Wm. F. Brown "
Treas. Geo. A. Walker Philadelphia, Pa.
Compt. C. M. Bunting "
Asst. Compt. F. J. Fell, Jr. "
Supt. Alvah Seaman Far Rockaway
Gen. Pass. Agt. H. M. Smith New York
Pur. Agt. H. B. Hodges "
Claim Agt. W. H. Mahler "
Supt. of Teleg. & Elect. L. S. Wells "
Ch. Engr. Elec. Trac. George Gibbs "
Engr. M. of W., E. M. Weaver, Jamaica
Gen. Real Estate Agt.
T. W. Hume Philadelphia
Energy from The Long Island R. R. Co.
trans. volt. 11,000 v., trolley volt. 600 v.
Sub-stas. at Huntington and Farming-
dale
19.97 miles; 4-8½ g; 13 motor and 5
other cars. ★59

654—Ithaca Traction Corp.—Office,
148 E. State St. (Controlled by Cen-
tral New York Southern Railroad Corp.)
Pres. Roger B. Williams, Sr. Ithaca
V. Pres. & Gen. Mgr.
J. C. Nelson Syracuse
Sec. & Treas.
S. C. Stivers, 115 Broadway, New York
Andr. E. J. Austin Ithaca
Gen. Supt. Donald Stewart "
Supt. & Pur. Agt. J. M. Johnson "
Supt. Pwr. Sta. J. S. Murphy "
M. M., Wm. H. Brooks "
Power sta. equip. 3 a. c. Westg. tot. 1200
kw. 2300 v. 3 ph. 60 cya; 1800 hp. e. Russ;
2550 hp. b. Wickes, Edge; 750 kw. turb.
(stm.) G. E; trans. volt. 2300 v; trolley
volt. 575 v.
2 sub-stas. 3 rot. convs.
Power sta. and repair shops at Ithaca.
11.47 miles; 4-8½ g; 84 motor and 1
other car. (Sells energy to Ithaca Gas
& Elec. Corp.) (Plant destroyed by fire;
being rebuilt immediately.) ★39j

JAMESTOWN. 37,760 (1915)

655—Chautauqua Traction Co.—
Office, West Broad St., Jamestown.
(Connects Lakewood, Ashville, Chau-
tauqua, Mayville and Westfield.)
Pres. A. N. Broadhead Jamestown
V. Pres. & Asst. to Pres.
Wm. A. Broadhead "
S. B. Broadhead "
Sec. W. R. Reynolds "
Andr. F. H. Kibling "
Gen. Mgr. & Claim Agt.
Geo. E. Maltby "
Gen. Supt. & Pur. Agt.
Geo. L. Maltby "
Gen. Fgt. & Pass. Agt.
A. H. Haecker "
Traffic Mgr. W. A. Pickard "
Elec. Engr. M. T. Seymour "
Ch. Engr. A. Olson "
Signal. Engr. R. L. Sparling "
M. M., Frank Miller "
Roadmaster, Axel Westergren "
Eng. Ovhd. Const., R. B. Holmes "
Energy purchased from Jamestown St.
Ry. Co.; trans. volt. 16,500 v; trolley
volt. 535 v.
2 sub-stas. tot. cap. 1300 kw; 5 rot. convs.
Repair shops at Jamestown.
Reaches and controls Sylvan Park on
Chautauqua Lake.
26.73 miles; 4-8½ g; 19 motor pass.,
3 exp. motor, 1 fgt. and 2 other cars. ★59

656—Jamestown St. Ry. Co.—(Con-
nects Lakewood, Celoron, Jamestown
and Falconer.)

Pres. A. N. Broadhead "
V. Pres. & Asst. to Pres.
Wm. A. Broadhead "
V. Pres. & Treas.
S. B. Broadhead "
Sec. W. R. Reynolds "
Andr. F. H. Kibling "
Gen. Mgr. & Claim Agt.
Geo. E. Maltby "
Gen. Supt. & Pur. Agt.
Geo. L. Maltby "
Asst. Supt. A. A. Harvey "
Traffic Mgr. W. H. Pickard "
Gen. Fgt. & Pass. Agt.
A. Haecker "
Ch. Engr., A. Olson "
Elec. Engr., W. T. Seymour "
Signal Engr., R. L. Sparling "
M. M., Frank H. Miller "
Track Foreman.
Axel Westergren "
Engr. Ovhd. Constr. R. B. Holmes "
Power sta. equip. 1 a. c. turbo gen
West. 7500 kw; 5000 hp. b. McE, Wicks,
Bab. and W; trans. volt. 16,500 v; trolley
volt. 535 v.
Power sta. and repair shop at Jamestown.
Reaches Celoron Park (controlled) on
Chautauqua Lake.
23.694 miles; 4-8½ g; 73 motor and 3
other cars. (Co. sells energy.) ★59

657—Jamestown, Westfield &
Northwestern R. R. Co.—Office,
Jamestown. (Formerly the Jamestown,
Chautauqua & Lake Erie Ry. Co., a
steam road which was converted to 3 ph.
overhead trolley.) (Connects Bemus
Point, Dewittville, Hartfield, Mayville,
Westfield and Jamestown; also operates
boat line.)
Pres. A. N. Broadhead Jamestown
1st V. Pres. & Treas.
S. B. Broadhead "
2d V. Pres. Wm. A. Broadhead "
Sec. Wm. R. Reynolds "
Andr. & Traffic Mgr. W. H. Pickard "
Supt. Geo. L. Maltby "
Gen. Fgt. & Pass. Agt.
A. J. Haecker "
M. M., F. Miller "
Roadmaster, John Geran "
Energy purchased from Jamestown St.
Ry. Co.; trolley v. 625 v.
40 miles; 4-8½ g; 13 motor and 10 other
cars; 1 sweeper; 1 Russell snow plow. ★69

657a—Panama Traction Co.—Office
318 Wellman Bldg. (Will extend from
Warren, Pa., to Youngsville and Sugar-
grove through Bnstl to Jamestown and
from Bnstl west to Ashville, Panama,
Clymer, Wattsburg, Loweville and into
Erie, Pa. In operation between Youngs-
ville and Sugar Grove, Pa.)
Pres. M. M. Sanderson Buffalo
V. Pres. & Gen. Mgr.
D. L. Davis Jamestown
Engrs. Chapman & Graham "
11 miles; 2 gasoline cars. (Grading un-
der way between Sugar Grove, Pa., and
Bnstl, and between Ashville and Panama.)
79

JOHNSTOWN. 10,447.

(See No. 648.)

KINGSTON. 26,354.

658—Kingston Consolidated R. R.
Co.—Office, 320 Broadway. (Consoli-
dation of Colonial City Traction Co.
and Kingston City R. R. Co.) (Kings-
ton-Rondout.)
Pres. Fred. T. Ley Springfield, Mass.
1st V. Pres.
Henry C. Page Worcester, Mass.

Sec. & Gen. Mgr. G. B. te Bow.. Kingston
Treas. A. Hasbrouck..... "
Ch. Engr. M. J. Sullivan..... "
M. M., T. McNeil..... "
 Power sta. equip. 4 d. c. West. tot. 675
 kw; 900 hp. e. B. & W; 919 hp. b. Bab. &
 W; trolley volt. 550 v.
 Power sta. at Rondout, near Hudson
 River; repair shop at 890 Broadway, King-
 ston.
 Owns and controls Kingston Point Park.
 8.831 miles; 4-8½ g; 39 motor pass. and
 2 other motor cars. 79

LANCASTER. 5,094.

(See No. 630.)

LEWISTON. 713.

(See No. 724.)

LOCKPORT. 18,693.

(See Nos. 634 and 739.)

LONG ISLAND CITY.

See Borough of Queens, New York.

LYONS. 4,758.

(See No. 750a.)

MIDDLETOWN. 17,881 (1915)

660—The Walkkill Transit Co.—
 Office, 7 North St. (Connects Goshen,
 Mechanicstown and Middletown.)
Sec. John F. Weiss.....Harrisburg, Pa.
Treas. W. M. Ogelsby.... "
Audr. Miss M. L. Robinson..Middletown
Gen. Mgr. & Pur. Agt. "
Willard M. Gould..... "
Ch. Engr. & Engr. Pwr. Sta. "
W. D. VanInwegen..... "
M. M., Fred Francisco "
Roadmaster, E. Hughes..... "
 Power sta. equip. 2 d. c. Bull. tot. 575
 kw; 836 hp. e. Harrisbg; 750 hp. b. Frank-
 lin; trolley volt. 550 v.
 Power sta. and repair shop at Mechan-
 icstown.
 Owns and controls Midway Park (39
 acres).
 12.84 miles; 4-8½ g; 20 motor pass., 9
 exp. motor, 1 fgt. and 2 other cars. ★59

MINEOLA. 2,381.

(See Nos. 649 and 743.)

MT. VERNON. 37,533.

661—Westchester Elec. R. R. Co
 —Office, 519 South Fifth Ave., Mt.
 Vernon. (Connects New York, Mt.
 Vernon, New Rochelle, Bronxville,
 Tuckahoe, Larchmont, Pelham and
 Pelham Manor). (Controlled by Third
 Ave. Ry. Co., New York, which see for
 executive officers.)
Supt. Wm. B. Wheeler.....Mt. Vernon
Claim Agt. George Schneider. "
Pur. Agt. Chas. Witzel, "
 2396 3rd Ave., New York
Ch. Engr. E. M. T. Ryder "
 2396 3rd Ave., "
Elecl. Engr. Walter Quinn.... "
Supt Equip., J. S. McWhirter, "
 65th St. & 3rd Ave., "
M. M., James McGeen.....New Rochelle
Roadmaster, John Leaddy....Mt. Vernon
 Energy purchased from Third Ave. Ry.
 Co. Power sta. at North Third Ave., Mt.
 Vernon; repair shops at East Chester.
 Transfers to Hudson Park and Glen
 Island.

37,285 miles; 4-8½ g; 100 motor and 5
 other cars. 118

NEWARK. 6,237.

(See No. 750a.)

NEWBURGH. 27,805.

662—Orange County Traction Co.—
 Office, 244 Broadway, Newburgh. (Op-
 erating Newburgh City Line, New-
 burgh & Orange Lake Line and Wal-
 den & Orange Lake Line.) (Connects
 Newburgh, Orange Lake and Walden.)
Pres. B. B. Odell, Jr.....Newburgh
Asst. to Pres., Sec., Audr. & Pur. Agt.
B. Bryant Odell.....Newburgh
V. Pres. A. L. J. Miller..... "
Treas. H. B. Odell, 14 Water St. "
Sec. W. G. Taggart..... "
Gen. Supt. F. S. Berry..... "
Ch. Engr. Pwr. Sta. "
Nicholas Treshman "
M. M., William Decker..... "
Roadmaster, F. Green..... "
 Power sta. equip. 3 d. c. West. tot. 450
 kw; 3 rot. conv. G. E., West. tot. 800 kw.
 60 cys; 300 hp. e. Dixon, Cor; 700 hp.
 b. Delaney, A. & R; trans. volt. 13,500 v;
 trolley volt. 550 v.
 Energy also purchased from Central
 Hudson Gas & Elec. Co.
 Power sta. and repair shop at Newburgh.
 Orange Lake Park (owned).
 23 miles; 4-8½ g; 58 motor and 11
 other cars. ★59

NEW PALTZ. 1,230.

663—New Paltz, Highland &
Poughkeepsie Traction Co.—Of-
ice, New Paltz. Executive office, 15-
21 Exchange Pl., Jersey City, N. J.
 (Connects New Paltz, Ohioville, Loyd,
 and Highland Landing with ferry to
 Poughkeepsie.)
Pres., Gen. Mgr. & Pur. Agt.
Jos. A. Duffy.....Jersey City, N. J.
V. Pres. & Audr. E. F. Millar "
Sec. Geo. A. Wardell..... "
Treas. Thos. G. Hinds..... "
Supt. Geo. H. Cahill.....New Paltz
Ch. Engr. Curtis Davis.....Loyd
M. M. Chas. Palmanteer.....New Paltz
 Power sta. equip. 2 d. c. West. tot. 350
 kw; 450 hp. e. Clark, Rus; 500 hp. b. —.
 Power sta. and repair shop at Loyd.
 9.27 miles; 11 motor and 6 other cars;
 1 snow plow; 1 sweeper. 78

NEW ROCHELLE. 13,758. (1915)

(See Nos. 661 and 686.)

NEW YORK. 5,602,841 (1915).**Borough of The Bronx.**

575,877 (1915).

664—Pelham Park & City Island
Ry., Inc.—Gen. Office, 2396 Third Ave.,
 New York. (Extends from Eastern
 Boulevard to Belden Point.) (Controlled
 by Third Ave. Ry. Co. which see for
 executive officers.)
Supt. John W. Keller
 220 City Island Ave., City Island
Cl. Agt. Wm. A. Eaton
 176th St., & Boston Rd., New York
Pur. Agt. Chas. Witzel,.... "
Elec. Engr. Jas. D. Kent.... "
Supt. Equip. J. S. McWhirter, "
Engr. M. of W. E. M. T. Ryder. "
 2.89 miles; 12 storage battery cars. 118
665—Union Ry. Co.—Office, 2396 Third
 Ave. (Connects Yonkers and Mt.
 Vernon.) (Operates Bronx Trac. Co.)

and So. Blvd. R. R. and is itself controlled by Third Ave Ry. Co., which see for executive officers.)
 Supt. Harry A. Carrigan,
 Boston Rd. and 176th St., New York
 Claim Agt. Wm. A. Eaton.....
 Pur. Agt. Chas. Witzel.....
 Elec. Engr. J. D. Kent,
 176th St. and So. Blvd., "
 Supt. Equip. J. S. McWhirter,
 65th St. & Third Ave., "
 Engr. M. of-W., E. M. T. Ryder
 Energy purchased from Third Ave. Ry. Co.; trans. volt. 6600 v; trolley volt. 525 v.
 Repair shops at 65th St. & Third Ave.
 Reach Claremont, Bronx, Van Cortlandt and Crotona Parks.
 125.608 miles; 4-8½ g; 360 motor and 30 other cars. 118

Borough of Brooklyn.

1,928,432 (1915).

665—Bridge Operating Co.—Offices, 85 Clinton St., Brooklyn, and 185 Broadway, New York. (Stock control held jointly by Brooklyn Heights R. R. Co. and New York Rys. Co. The Brooklyn Heights R. R. Co. acts as operating agent for joint operators of property.) (Operates local service over Williamsburg Bridge.)
 Pres. T. S. Williams Brooklyn
 V. Pres. W. Leon Pepperman, New York
 Sec. & Treas. C. D. Meneely..... Brooklyn
 Audr. E. F. J. Gaynor..... New York
 Energy from Brooklyn Heights R. R. Co.
 1.60 miles; 4-8½ g; 20 motor cars. 118

667—Brooklyn Rapid Transit Co.—Office, 85 Clinton St. (Controls Brooklyn Heights R. R. Co. (which leases the Brooklyn City R. R. Co.), Brooklyn, Queens Co. & Suburban R. R., Nassau Elec. R. R. Co., New York Consolidated R. R. Co. (a consolidation of the Brooklyn Union Elev. R. R. Co., Sea Beach Ry. Co., and Canarsie R. R. Co.), So. Brooklyn Ry. Co., and Coney Island & Gravesend Ry. Co., which controls The Coney Island & Brooklyn R. R. Co.)
 Recvr. L. M. Garrison..... Brooklyn
 In charge of oper. of Surf. Lines for
 Recvr. T. mothy S. Williams,.... "
 Gen. Mgr. for Recvr.
 Fred-rick P. Royce..... "
 V. Pres. & Treas.
 C. D. Meneely..... "
 Sec. J. H. Bennington..... "
 Compt Howard Abel..... "
 Gen. Counsel,
 Geo. D. Yeomans..... "
 Supt Surf. Transp. W. Siebert..... "
 Gen. Pass. Agt.
 Harry A. Crowe..... "
 Elec Engr. C. E. Roehl..... "
 Claim Agt. I. Isaacs..... "
 Gen. Fgt. Agt. A. R. Piper..... "
 Pur. Agt. Lincoln Van Cott..... "
 Supt. Pwr. H. A. Robbins..... "
 Supt Equip W. G. Gove..... "
 Engr. of Way & Structure,
 C. L. Crabb..... "
 Engr. Rap. Trans. Lines
 W. S. Menden..... "
 Engr. Surf. Rdway. R. C. Cram.
 Power stas. equip. 9 d. c. G. E. West, Walker tot. 16,500 kw; 17 a. c. West. G. E., Bull. tot. 133 700 kw. 6600-11,000 v. 3 ph. 25 cya; 47,000 hp. e. Allis C. West; 76,500 hp. b. Bab & W. A. & T.; 117,500 kw. turb. (stm.) West. G. E.; trans. volt. 6800-11,000 v; trolley volt. 550-600 v.
 Power stas. at Kent & Division Aves., 3rd Ave. & 2d St. and Smith & 9th Sts.
 Repair shops: Surface div. at cor. 52d St. & Second Ave.; Elevated div. at 36 Gillen Place, E. New York; 89th St. &

Second Ave.; 36th St. & 5th Ave., So. Brooklyn; 801 Freshpond Road, Glendale, L. I.
 690.893 miles; 4-8½ g; 4,508 motor (4,329 pass.) and 376 other cars owned. ★59

668 — Bush Terminal R. R. Co.—Gen. Office, 100 Broad St., New York. (Road extends from 28th St. and 2d Ave. to 63rd St. and 1st Ave., Brooklyn. Principally freight business.)
 Pres. Irving T. Bush New York
 V. Pres. R. G. Simonds..... "
 Sec. R. Williams..... "
 Treas. & Audr. John A. Heinrich "
 Actg. Traffic Mgr., P. L. Gerhardt "
 Pur. Agt. L. C. Kendall..... "
 Constr. Engr.
 E. M. Ellsworth, . . 67-34th St., Brooklyn
 Elec. Engr. & Supt. Overhd. Const.
 W. L. Sturges..... "
 M. M., W. H. Mal'en, Ft. 43d St. "
 Energy purchased from Brooklyn Edison Co.
 Pwr. sta at Brooklyn; repair shops at Brooklyn.
 6 miles; 4-8½ g; 2 pass. cars and 4 elec. locos. ★59

669—The Coney Island & Brooklyn R. R. Co.—Office, 85 Clinton St. (Controlled by Brooklyn Rapid Transit Co. through Coney Island & Gravesend Ry. Co.)
 Pres. T. S. Williams..... Brooklyn
 V. Pres. & Treas. C. D. Meneely "
 Sec. J. H. Bennington..... "
 Compt. Howard Abel..... "
 Supt. Wm. Siebert..... "
 Pur. Agt. Lincoln Van Cott.... "
 Reaches Coney Island.
 52.124 miles; 4-8½ g; 482 motor, 456 ass. and 16 service cars, 2 snow plows, sweepers. 118

670 — Manhattan Bridge Three-Cent Line.—Office, 333 Gold St., Brooklyn. (Connects Flatbush Ave. & Fulton St., Brooklyn, with Canal St. & Bowery, New York.)
 Pres. F. W. Rowe... 333 Gold St., Brooklyn
 V. Pres. F. D. MacKay "
 Sec. Walter Hammit
 482 Fulton St., "
 Treas. Ed. T. Horwill
 215 Montague St., "
 Audr. C. E. Grau... 333 Gold St., "
 Gen. Supt., Claim & Pur. Agt.
 Arthur Porter... 333 Gold St., "
 M. M. A. E. Norton..... "
 Energy purchased from Brooklyn Edison Co.; trolley volt. 600 v.
 Repair shop at 333 Gold St.
 4 miles; 4-8½ g; 19 motor pass. cars and 1 sweeper. 59

671 — The Marine Ry. Co.—Gen-office, 31 Nassau St., New York. (Road extends from Manhattan Beach to Sheepshead Bay)
 Pres. Joseph P. Day..... N. Y. City
 V. Pres. H. N. Armstrong..... "
 Sec. William L. Sayers..... "
 Treas. H. Schieffelin Sayers... "
 Audr. Thomas Horton..... "
 Supt. Austin Wright, Manhattan Beach
 Pwr. plant equip 2 d. c. West. tot. 360 kw; 2 mo. gen. sets
 Repair shops at 120 West End Ave., Manhattan, Beach.
 1.74 miles; 4-8½ g; 4 storage battery cars. ★79

672 — New York Municipal Ry. Corp.—Office, 85 Clinton St., Brooklyn. (Formed in the interest of B. R. T. to contract with city of New York for construction and operation of rapid transit lines allotted to the B. R. T. under the dual rapid

transit plan viz: existing elevated lines 132 miles, with 25.39 miles still to be constructed; subway and elevated lines for construction jointly by city and company 54.24 miles existing, with 60.83 miles still to be utilized; existing trackage rights utilized 2.87 miles, with 18.22 miles still to be constructed; total of existing lines, lines to be constructed and lines over which company will have trackage rights, 293.55 miles.)

Pres. T. S. Williams.....Brooklyn Treas.
 V. Prests. { C. D. Meneely " "
 { J. H. Harding.. " "
 Andr. Howard Abel..... " "
 Gen. Counsel G. D. Yeomans " "
 Pur. Agt. Lincoln Van Cott " "
 Ch. Engr. W. S. Menden... " "
 Elec. Engr. C. E. Roehl.... " "
 Transpt. Engr. J. J. Dempsey " "
 Engr. Car Equip. W.G.Gove " "
 300 cars. 118

673—Van Brunt St. & Erie Basin R. R. Co.—Office, 264 Van Brunt St. Pres. J. F. Murphy.....Brooklyn V. Pres. & Pur. Agt.
 D. W. Sullivan..... " "
 Sec. & Treas., Wyllys Terry,.... " "
 Energy purchased from Brooklyn Hts. R. R. Co. 116
 3 miles; 4-8½ g; 14 motor cars.

Borough of Manhattan.

2,634,223 (1915).

(See also Nos. 27, 67, 69, 91, 105, 142, 175, 241, 486, 550 551, 624, 640, 652, 726, 1042, 1329, 1331 and 1336.)

674—Belt Line Ry. Corpn.—Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co., which see for executive officers.)
 Supt. Owen McDonald
 739 Tenth Ave., New York
 Claim Agt. John W. Yenson, " "
 Pur. Agt. Chas. Witzel..... " "
 Ch. Engr. ————— " "
 Supt. Equip. J. S. McWhirter, " "
 65th St. & Third Ave.
 Engr. M. of W. " "
 E. M. T. Ryder..... " "
 Repair shops at 65th St. & Third Ave.
 31.38 miles (storage battery & elec.);
 4-8½ g; 25 motor and 134 other cars. 118

675—The Brooklyn & North River R. R. Co.—Office 165 Broadway. (Extends from Flatbush Ave. & Fulton St. Brooklyn, via Manhattan Bridge, to Canal St. & Bowery, New York.) (Controlled jointly by the Brooklyn Rapid Transit Co., New York Rys. Co. and Third Ave. Ry. Co.)
 Pres. Slaughter W. Huff
 85 Clinton St., Brooklyn
 V. Pres. Edw A. Maher, Jr.
 2396 Third Ave., New York
 Sec. Geo. Keegan..... " "
 C. D. Meneely 59 Clinton St., Brooklyn
 Andr. Frank Samuelson.....New York
 Act. Supt. E. W. Jones, 11 Corlears St. " "
 3.83 miles; 4-8½ g; cars rented from Third Ave. Ry. Co. ★69

676—Dry Dock, East Broadway & Battery R. R. Co. Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co.)
 Pres. Slaughter W. Huff,New York
 V. Pres. & Gen. Mgr.
 Edw. A. Maher, Jr. " "
 Sec. Shelton E. Martin..... " "
 Asst. Sec. & Asst. Treas.
 Walter C. Burrows..... " "
 Treas. Alfred D. Sage..... " "

Act'g Andr. A. E. J. Tovey.....New York
 Supt. Owen McDonald; 89 Tenth Ave. " "
 Supt. Equip. J. S. McWhirter, " "
 Claim Agt. J. W. Yenson..... " "
 Pur. Agt. Charles Witzel..... " "
 Ch. Engr. ————— " "
 Engr. M. of W., E. M. T. Ryder " "
 Energy purchased from Third Ave. Ry. Co.
 Repair shop at 65th St. & Third Ave.
 19.496 miles; 4-8½ g; 82 motor and 8 other cars. 118

677—The Forty-Second St., Manhattanville & St. Nicholas Ave. Ry. Co.—Office, 2396 Third Ave. (Controlled by the Third Ave. Ry. Co., which see for executive officers.)
 Supt. Owen McDonald,
 789 Tenth Ave. New York
 Cl. Agt. John W. Yenson..... " "
 Pur. Agt. Chas. Witzel..... " "
 Ch. Engr. ————— " "
 Engr. M. of W. E. M. T. Ryder..... " "
 Energy purchased from Third Ave. Ry. Co.
 Repair shop at 65th St. & Third Ave.
 27.613 miles; 4-8½ g; 173 motor and 7 other cars. 118

678—Hudson & Manhattan R. R. Co.—Office 30 Church St., New York. (Connects New York City, Boro. of Manhattan, and Jersey City, Harrison, Newark and Hoboken, N. J., operating joint service with Pennsylvania R. R. Co. from Cortlandt St., New York to Newark, N. J.; Cortlandt St. and Exchange Place, Grove St. and Summit Ave.; Cortlandt St. and Exchange Place Erie R. R. Sta., Hoboken; Cortlandt St. and 33d St., New York; Summit Ave and 33d St., New York; Hoboken and 33d St., New York.)
 Pres. Wilbur C. Fisk.....New York
 V. Pres. Oren Root..... " "
 Sec., Treas. & Claim Agt.
 Robt B. Kay..... " "
 Federal Treas. J. S. O'Neale... " "
 Gen. Mgr. Kenyon B. Conger.. " "
 Asst. to Federal Mgr.
 E. M. Clark..... " "
 Fed. Andr. F. H. Sillick..... " "
 Gen. Supt. C. S. Klumpp..... " "
 Pur. Agt. H. W. Webber..... " "
 Engr. J. Vipond Davies..... " "
 Asst. Supt. W. & S.
 E. M. Blake..... " "
 Ch. Engr. Pwr. Sta. B. S. Murphy
 Washington & Bay Sts., Jersey City, N. J.
 M. M. Car Equip., P. V. See,
 R. R. Ave & Warren St., " "
 Power sta. equip. 4 a. c. turbo-gen. G. E., Curtis tot. 18,000 kw. 3 ph. 25 cys; 100 hp. b. Bah. & W; trans. volt. 11,000 v; 3d rail trolley volt. 650 v.
 Power sta. at Washington & Bay Sts.; repair shops at Railroad Ave. & Warren St., Jersey City, N. J.
 18.757 miles; 3d rail: 4-8½ g; 226 motor and 6 other cars. (Has franchise from 33rd St. and 6th Ave. to Grand Central Sta.) ★59

679—Interborough Rapid Transit (Co.)—Offices, 165 Broadway, New York. Leases Manhattan Ry. Co. and owns one-half interest in the Long Island Elec. Ry. Co. and New York & Long Island Trac Co.) (Controlled by Interborough-Consolidated Corpn.)
 Chmn. of Board, August Belmont,
 49 Exchange Pl. New York
 Pres. & Chmn. Exec. Committee,
 Theodore P. Shonts..... " "
 Asst. to Pres. W. L. Pepperman, " "
 A. Pres. & Gen. Mgr.
 Frank Hedley..... " "
 Asst. to V. Pres. & Gen. Mgr.
 Geo. Keegan..... " "

V. Pres. in chg. Contracts & Supplies
 David W. Ross.....New York
 Gen. Counsel,
 Richard Reid Rogers..... "
 Gen. Atty. James L. Quackenbush "
 Sec. H. M. Fisher..... "
 Asst. Sec. A. C. Wigren..... "
 Treas. J. H. Campbell..... "
 Andr. E. F. J. Gaynor..... "
 Supt. Subway Div.
 A. L. Merritt, 96th St. & Broadway "
 Supt. Elev. Div.
 S. D. Smith, South Ferry "
 Supt. of Motive Power
 W. S. Finlay, Jr., 59th St. & 11th Ave. "
 Supt. Car Equipment,
 J. S. Doyle, 98th St. & 3rd Ave. "
 Constr. Engr.
 A. B. Williams, 59th St. & 11th Ave. "
 Claim Agt.
 Thomas Gerehart, 13-21 Park Row "
 Signal Engr.
 J. M. Waldron..... "
 M. M. Manhattan Div. ——— "
 133d St. & So. Boulevard "
 Ch. Engr. Geo. H. Pegram..... "
 Engr. M. W. C. E. Carpenter. "
 Elec. Supt. H. A. Kidder, "
 631 Broadway, "
 Elec. Engr. G. C. Hall..... "
 Roadmaster, Fred Heis, South Ferry "
 Power sta. equip. (Manhattan Div.) 8 a. c. turbo-gen. Westg. tot. 67,500 kw. 11,000 v. 3 ph. 25 cys; 64,000 hp. e. Allis-C; 36,880 hp. b. Bab. & W.
 (Subway Div.) 14 a. c. turbo-gen. West. G. E. tot. 105,000 kw. 11,000 v. 3 ph. 25 cys; 67,500 hp. e. Allis-C; 36,000 hp. b. Bab. & W.
 Power sta., Manhattan Div., between 74th & 75th Sts. & East River; repair shops, 7th Ave., between 148th & 150th Sts.; 98th St. & 3d Ave.; 159th St. & 8th Ave.; 179th St. & 3d Ave., and 240th St. & B'way.
 Power sta. Subway Div., 11th & 12th Ave., between 58th & 59th Sts.
 Subway Div., 194.86 miles; Manhattan Div., 135.29 miles; 4-8½ g; 2,637 motor pass., 1,195 trail pass., 14 other motor and 103 other cars.
 Dual system: subway and elevated lines for construction jointly by city and company, 93.12 miles, elevated railroad extensions to be constructed by company, 5.31 miles. ★59

680 — Manhattan & Queens Trac. Corp. — Office, 60 Wall Street, New York, N. Y. (Purchased the franchise and physical property of the South Shore Trac. Co. lying within the city of New York. Extends from 59th St. & Second Ave., Manhattan Boro, over Queensboro Bridge, through Woodside, Winfield, Elmhurst, Forest Hills, Kew Gardens to Jamaica, Queens Boro. Also operates local service over Queensboro Bridge, connecting Manhattan Boro. with Long Island City.)

Recvrs. { Arthur C. Hume
 547 Fifth Ave., New York
 William R. Begg
 24 Broad St., "
 Andr. Fred. H. Adler,
 Queens Plaza Court, Long Island City
 Gen. Mgr. & Pur. Agt. for Recvrs.
 B. Waller Duncan... Long Island City
 Supt. Transp. W. M. Tillalson. "
 Claim Agt., Henry Schomber "
 M. M., A. M. Ballen... Long Island City
 Energy purchased from New York and Queens Elec. Lt. & Pwr. Co.; trolley volt. 675 v.
 Repair shop at Buckley St. & Thompson ave., Long Island City.
 Reaches Celtic and Washington Parks. 22 miles; 4-8½; 48 motor pass. cars and 9 other motor cars.

681 — Mid-Crosstown Railway Co. — Gen. Office, 2396 Third Ave. (Successor to the Twenty-eighth & Twenty-ninth

Streets Crosstown R. R. Co. sold at foreclosure.) (Controlled by Third Ave. Ry. Co., which see for executive officers.)
 Supt. Owen McDonald,
 789 Tenth Ave., New York
 Cl. Agt. John W. Yenson..... "
 Pur. Agt. Chas. Witzel..... "
 Ch. Engr. ——— "
 Supt. Equip. J. S. McWhirter,
 65th St. & Third Ave., "
 Engr. M. of W.; E. M. T. Ryder..... "
 4.190 miles; 4-8½ g; 23 storage battery cars. 118

682 — New York Central R. E. (Elec. Div.) — Office, Grand Central Terminal. (The Harlem div. extends from New York City north to North White Plains; the Hudson div. extends from New York City north to Croton.)
 Fed. Mgr. P. E. Crowley.....New York
 Asst. to Fed. Mgr.
 R. B. Starbuck..... "
 Fed. Treas. E. L. Rossiter..... "
 Fed. Andr. R. A. White..... "
 Andr. C. H. Chambers..... "
 Gen. Mgr. W. J. Fripp..... "
 Asst. Gen. Mgr. T. W. Evans.. "
 Gen. Supt. Pass. Transpt.
 C. F. Smith..... "
 Gen. Supt. & Term. Mgr..... "
 Miles Bronson..... "
 Supt. G. H. Wilson..... "
 Pur. Agt. W. C. Bower..... "
 Gen. Pass. Agt. Harry Parry.. "
 Ch. Engr. G. W. Kittredge.... "
 Ch. Engr. Elec. Trac. E. B. Katte "
 Supt. of Pwr. W. G. Carlton... "
 Supt. Elec. Equip. C. H. Quereau "
 Div. Engr. F. Boardman..... "
 Asst. Term. Mgr. & Signal Engr.
 H. S. Balliet..... "
 Supvr. of Transm. Edw. Richter, "
 Ch. Train Dispr. E. L. Golden "
 Dist. Claim Agt. T. W. Dill... "
 Two power stas. equipped with G. E. a. c. generators tot. 60,000 kw. 3 ph. 25 cys; 20,000 hp. b. Bab. & W; 26,800 hp. turb. G. E; trans. volt. 11,000 v; 3rd rail volt. 666 v.
 Power stas. (1) Pt. Morris, (2) Glenwood;
 sub-stas. (1) 50th St., (2) Mott Haven, (3) Kings Bridge, (4) Glenwood, (5) Irvington, (6) Ossining, (7) Botanical Gardens, (8) Tuckahoe, (9) White Plains.
 Repair shops at Harmon and No. White Plains.
 258.58 miles (third rail); 4-8½ & 4-9 g;
 221 motor cars; 73 elec. engines. 118

683 — New York City Interborough Ry. Co. — Office, 2396 Third Ave. (Connects Boroughs of Manhattan and Bronx.) (Controlled by the Third Ave. Ry. Co., which see for executive officers.)
 Supt. Beverly W. Reynolds,
 218th St. & Broadway, New York
 Claim Agt. Wm. A. Eaton,
 Boston Road & 176th St. "
 Pur. Agt. Chas. Witzel..... "
 Elec. Engr. James D. Kent,
 176th St. & Boston Rd. "
 Supt. Equip. J. S. McWhirter,
 65th St. & Third Ave. "
 Engr. M. of W.; E. M. T. Ryder.
 Energy purchased from Third Ave. Ry. Co.
 Repair shop at 65th St. & Third Ave.
 24.596 miles; 4-8½ g; 73 motor and 8 other cars. 118

684 — The New York Connecting R. R. Co. — Office, Pennsylvania Sta., New York City. (Road extends from connection with N. Y. N. H. & H. R. R. at Port Morris, Borough of Bronx, to connection with Long Island R. R. at Fresh

Pond Jct., Borough of Queens, New York City, 8.06 miles, with branch from Sunnyside Jct. to connection with Tunnel line of P. R. R. at Sunnyside Yard, Borough of Queens, 0.91 of a mile; total mileage 8.96 miles. Passenger service to West and South via Penna. Sta. and freight service over L. I. R. R. tracks Fresh Pond to Bay Ridge. Owned jointly by P. R. R. Co. and N. Y. N. H. & H. R. R. Co. and to be operated by latter.)
Pres. E. G. Buckland, New Haven, Conn.
V. Pres. Samuel Rea, Philadelphia, Pa.
Sec. & Treas.
A. E. Clark, New Haven, Conn.
Compt. J. M. Tomlinson, " "
Ch. Engr. Edw. Gagel, " "
Real Estate Agent
F. A. von Moschzisker, New York
8.96 miles. ★59

685—New York Railways Co.—Office, 165 Broadway. (Controlled by Interborough Consolidated Corp'n.)
Recvr., Job. E. Hedges, New York

Gen. Mgr.
Frank Hedley, " "
Sec. W. A. Anderson, " "
Treas. J. H. Campbell, " "
Gen. Coun. Winthrop & Stimson 32 Liberty St. " "
Gen. Atty. James L. Quackenbush, New York
Audr.
Frank Samuelson, " "
Asst. Audr.
Geo. V. Owen, " "
Asst. to Gen. Mgr.
F. T. Wood, " "
Pur. Off., M. Fuhrer, " "
Real Estate Off.
A. W. Warner, " "
Dir. of Welfare
H. H. Vreeland, " "
Asst. { Danl. W. Patterson, " "
Gen. { 21 Park Row " "
Atty. { Martin E. Burke, " "
{ 31 Park Row " "

Claim Agt., F. D. Edmunds, " "
Gen. Supt. Transpt.
Geo. Keegan, " "
Supt. Transpt.
T. A. Delaney, 775-7th Ave., " "
Cb. Engr. G. H. Pegram, " "
Engr. in Chg. of Constr.
C. H. Jewett, 50 Park Pl., " "
Engr. M. of W., R. S. Buck, " "
Supt. Mot. Pwr. W. S. Finlay, Jr., 59th St. & 11th Ave., " "
Supt. Car Equip.
J. S. Doyle, 94th St. & Third Ave., " "
Power sta. equip. 11 a. c. G. E. tot. 38,500 kw. 3 ph. 25 cys; 55,000 hp. e. Allis-C; \$1,000 hp. b. Bab. & W; trans. volt. 6600 v; trolley volt. 600 v.
Power station at 96th St. & East River. Sub stas. at 25th St. & Lexington Ave., 50th St. & Sixth Ave., 146th St. & Lenox Ave., Houston St. & Broadway. 153,595 miles (133,630 undgrd. elec. & 19,965 stor. elec.); 4-8½ g; 1,945 elec. pass., 108 storage battery, 143 elec. service and 2 trailer service cars. ★59

686—New York, Westchester & Boston Ry. — Office, 481 Morris Park Ave., Bronx. (Consol. of the Westchester Northern R. Co. and the N. Y., Westchester & Boston Ry. Co.) (Connects 133d St. (Harlem River), and East 160th St., Bronx, New York City, Mt. Vernon, Pelham, New Rochelle and White Plains.) (Controlled by N. Y., N. H. & H. R. R. Co.)
Pres. Leverett S. Miller, New York
Sec. & Treas.
A. E. Clark, New Haven, Conn.
Asst. Sec., Asst. Treas. & Pur. Agt.
Geo. M. Spidell, Jr., New York
Audr. C. L. Nagle, " "

Supt. P. W. J. Smith, New York
Gen. Fgt. & Pass. Agt.
F. H. Richtmeyer, " "
Supt. of Equip., R. R. Potter, Unionport Rd. & Morris Park Ave., Bronx, " "
Ch. Dispatcher, W. S. Conklin, " "
Claim Agt. F. E. Lyons, " "
Roadmaster Charles Miller, " "
Power stations at Cos Cob, N. Y., N. H. & H. R. R., and West Farms; trans. volt. 11,000-22,000 v; trolley volt. 11,000 v.
Repair shops at Unionport Road & Morris Park Ave., Bronx.
54.41 miles; 4-8½ g. (ovhd. trolley s. ph.); 40 motor, 5 fgt. and 5 trail cars; 2 locos. (Line constructed and operated as far east as White Plains.) ★59

687—Pennsylvania Tunnel & Terminal R. R. Co.—Office, Broad St. Sta., Phila., Pa. (Elec. Div. of Penna. R. R. between New Jersey and Long Island City via tunnel under North River, New York City and East River to a point near Harold Ave., Long Island City. Operated by United States Railroad Administration.)
Fed. Mgr., Elisha Lee, Philadelphia, Pa.
Pres. Sam'l Rea, " "
V. Pres. A. J. County, " "
Sec. Lewis Neilson, " "
Asst. { R. H. Groff, " "
{ J. Taney Willcox, " "
Secs. { J. W. Marshall, " "
{ 85 Cedar St., New York
Treas. George A. Walker, Philadelphia, Pa.
Asst. Treas. J. S. Vanzandt, " "
Compt. C. M. Bunting (U. S. Military Service), " "
Asst. Compt. F. J. Fell, Jr., " "
Gen. Counsel, Francis I. Gowen, " "
Gen. Mgr. R. L. O'Donnell, " "
Gen. Supt.
R. V. Masey, Penn. Sta., New York
Real Est. Agt.
T. W. Hulme, Philadelphia, Pa.
Cashier, H. C. Lawser, " "
Supt. N. Y. Div.
C. I. Leiper, Jersey City, N. J.
Power sta. equip. 9 a. c. W. E. tot. 70,000 kw. 11,000-440 v. 3 ph. 25 & 60 cys; 18,900 hp. b. Bab. & W; 70,000 kw. stm. turb. West-Par; trans. volt. 11,000 v; trolley volt. 675 v. d. c.
4 sub stas; 12 rot. conv. tot. cap. 24,000 kw.
Power sta. at 4th & Front Sts., Long Island City; repair shops at Sunnyside yard.
98.55 miles (third-rail); 4-8½ g; 8 motor cars; 67 elec. locos. (Co. furnishes 11,000 v. 25 cycle energy to Long Island R. R.) ★79

688—Second Ave. R. R. Co.—Office, 1874 2d Ave.
Receiver, A. E. Kalbach, New York
Pres. Geo. S. Coe, 5 Nassau St., " "
Sec. & Treas. F. M. Patchen, 5 Nassau St., " "
Audr. Wm. J. Bradley, " "
Atty. C. E. Chalmers, " "
Supt. A. Syndstrup, " "
Pur. Agt. Jacob Henshaw, " "
Engr. M. of W., J. Wynne, " "
Energy purchased from New York Rys. Co., Interborough Rapid Transit Co. and Third Ave. Ry Co.
Repair shops at 1874 2d Ave.
23,912 miles (operated) 4-8½ g; 286 (Revenue) motor and 12 other (non-Revenue) motor cars. 78

689—Third Ave. Ry. Co.—Office, 2396 Third Ave. (Controls Drydock, E. Broadway & Battery R. R. Co., E. 42nd St., Manhattanville & St. Nicholas Ave. Ry. Co., Union Ry. Co.,

Southern Boulevard R. R. Co., Yonkers R. R. Co., Westchester Elec. R. R., Co., New York City Interborough Ry. Co., Mid-Croestown Ry. Co., Belt Line Ry. Corp., Kingsbridge R. R., Bronx Traction Co. and Pelham Park & City Island Ry., Inc.)

Pres. Slaughter W. Huff.....New York

V. Pres. & Gen. Mgr., Edward A. Maher, Jr..... "

Sec. Shelton E. Martin..... "

Treas. A. D. Sage..... "

Asst. Sec. & Asst. Treas. Walter C. Burrows..... "

Act g Audr. A. E. J. Tovey.... "

Supt., Geo. J. Murphy, 65th St. & Third Ave. "

Supt. Equip. J. S. McWhirter "

Claim Agt. J. W. Yenson..... "

Pur. Agt. Charles Witzel..... "

Ch. Engr. Engr. M. of W. E. M. T. Ryder "

Energy purchased from New York Edison Co.; 4 d. c. West. tot. 610 kw; 8 a. c. West. tot. 24,000 kw. 3 ph. 28 cys; 50,000 hp.e. West, 15,000 hp.b. Bab. & W; trans. volt. 6600 v; trolley volt. 575 v.

Repair shop at 65th St. & Third Ave. 35.657 miles; 4.8 1/2 g; 213 motor and 12 other cars. (Co. sells energy.) 118

690 - Alabama Trac., Lt. & Pwr. Co., Ltd.—Offices, 33 Commercial Union Bldg., Montreal, Can. and 100 Broadway, New York, (Controls Alabama Power Co., Alabama Interstate Power Co., Birmingham Montgomery & Gulf Power Co., Alabama Property Co., Muscle Shoals Hydro Electric Pwr. Co., Alabama Power & Light Co. and Asbury Electric Power Co)

Pres. James Mitchell, London, England

V. Pres. Lawrence Macfarlane

Royal Trust Bldg., Montreal, Que.

Sec. & Treas. W. J. Henderson..... " ★59

Pres. Francis T. Homer.....New York

V. Prests { (Financial) Lee Benoit, New Orleans, La.

{ Edward G. Connette, New York

Sec. & Treas. Arthur L. Linn, Jr..... " "

Asst. Secs. { W. E. Schuppert

& New Orleans, La.

Asst. Treas. { Morgan D. Evans, New York

★29

691 - American Cities Co.—Offices, 61 B'way, New York, N.Y & 208 Baronne St. New Orleans, La. (Controls the New Orleans (La.) Ry. & Lt. Co., Birmingham (Ala.) Ry., Lt. & Pwr. Co., Memphis (Tenn.) St. Ry. Co., Little Rock (Ark.) Ry. & Elec. Co., Knoxville (Tenn.) Ry. & Lt. Co. and the Houston (Tex.) Ltz. & Pwr. Co. 1905.) (In 1914, The United Gas & Elec. Corp. acquired a little over 96 p. c. of the common stock.)

Pres. Francis T. Homer.....New York

V. Prests { (Financial) Lee Benoit, New Orleans, La.

{ Edward G. Connette, New York

Sec. & Treas. Arthur L. Linn, Jr..... " "

Asst. Secs. { W. E. Schuppert

& New Orleans, La.

Asst. Treas. { Morgan D. Evans, New York

★29

692 - American Lt. & Trac. Co.—Office, 120 Broadway, New York. (Holding company and owns practically all of the capital stock of Detroit (Mich) City Gas Co. St. Paul (Minn.) Gas Lt. Co., So. St. Paul (Minn.) Gas & Elec. Co., Grand Rapids (Mich.) Gas Lt. Co., St. Joseph (Mo.) Gas Co., Binghamton (N. Y.) Gas Wks., Madison (Wis.) Gas & Elec. Co., Milwaukee (Wis.) Gas Lt. Co., St. Croix (Wis.) Pwr. Co., Wauwatosa (Wis.) Gas Co., W. Allis (Wis.) Gas Co., Consol. Gas Co. of N. J. (Long Branch), Detroit (Mich.) City Gas Co., Muskegon (Mich.) Trac. & Ltg. Co., and San Antonio (Tex.) Public Service Co.

Pres. & Gen. Mgr. E. L. West, New York

V. Pres. Thomas Cheyna..... "

Sec. & Treas. O. Clement Swenson "

Asst. Sec. W. J. Reast..... "

Pur. Agt. F. C. Rose..... "

Ch. Engr. E. M. Gilbert,..... "

★59

Chmn. Board Emerson McMillin, New York

Pres. Alanson P. Lathrop..... "

M. McMillin..... "

Sec. & Treas. V. Prests. { C. N. Jelliffe..... "

{ Ch. Engr. H. C. Abell..... "

Asst. Sec. & Asst. Treas. W. G. de Berg..... "

Audr. Jas. Lawrence..... "

Counsel, Chas. W. Young..... "

★29

694 - American Water Works & Electric Co., Inc.—Gen. Office, 50 Broad St. Owns either directly or through its subsidiaries—all or a controlling interest of the following companies: Arkansas Water Co., Birmingham Water Works Co., Butler Water Co., E. St. Louis & Interurban Wtr. Co., City Water Co. of Chattanooga, City of New Castle Water Co., City Water Co. of Marinette, City Water Works Co. of Merrill, Clinton Water Works Co., Connellsville Water Co., Huntington Water Corp., Joplin Water Works Co., Keokuk Water Works Co., Kokomo Water Works Co., Louisiana Water Co., Mingo Junction Water Co., Missouri Sewerage Co., Monongahela Valley Water Co., Mt. Vernon Elec. Lt. & Pwr. Co., Mt. Vernon Water Works Co., Muncie Water Works Co., St. Joseph Water Co., South Pittsburgh Water Co., Middle States Wtr. Wks. Co., Warren Wtr. Co., Wichita Water Co., West Penn Railways Co., and Penn Traction & Water Power Co.

Pres. H. Hobart Porter.....New York

Pres. Subsidiary Water Cos. G. E. Hoffmaster..... "

{ J. H. Purdy..... "

V. Prests. { Sec. Harry E. Towle.. "

Treas. Cecil S. Ashdown..... "

Asst. Sec. & Asst. Treas. W. K. Dunbar..... "

Pur. Agt. H. F. Barnard..... "

Gen. Counsel, Sullivan & Cromwell..... "

★59

694a - W. S. Barstow Management Assn., Inc.—Office, 50 Pine St. (Supervises the management of the subsidiary properties of the Eastern Pwr. & Lt. Corp. and The General Gas & Elec. Co., as follows: Reading Transit & Lt. Co. (which leases Lebanon Valley St. Ry. and Schuylkill Valley Trac. Co.); Metropolitan Edison Co.; Oley Valley Ry. Co.; Neversink Mountain Ry. Co.; Penna. Utilities Co.; Eastern Penna. Pwr. Co.; Easton Gas Works; West Va. Traction & Elec. Co.; City & Suburban Gas Co.; City Ry. Co.; Claremont Pwr. Co.; The Colonial Pwr. & Lt. Co.; and Claremont Ry. & Ltg. Co.; Eastern Utilities Coal Co., Rutland Ry. Lt. & Pwr. Co.; Western Vt. Pwr. & Lt. Co.; Pittsford Pwr. Co.; Northwestern Ohio Ry. & Pwr. Co.; Port Clinton Elec. Lt. & Pwr. Co.; The New Jersey Pwr. & Lt. Co.; Binghamton Lt., Ht. & Pwr. Co.; Sayre Elec. Co.; Waverly Elec. Lt. Co.; The Sandusky Gas & Elec. Co. and Interurban Gas Co.)

Pres. & Gen. Mgr. E. L. West, New York

V. Pres. Thomas Cheyna..... "

Sec. & Treas. O. Clement Swenson "

Asst. Sec. W. J. Reast..... "

Pur. Agt. F. C. Rose..... "

Ch. Engr. E. M. Gilbert,..... "

★59

695 - Brunswick Terminal & Railway Securities Co.—Office, 42 Broadway. (Controls Mutual Lt. & Wtr. Co. and City & Suburban Ry. Co. of Brunswick, Ga.)

Pres. & Gen. Mgr. E. L. West, New York

V. Pres. Thomas Cheyna..... "

Sec. & Treas. O. Clement Swenson "

Asst. Sec. W. J. Reast..... "

Pur. Agt. F. C. Rose..... "

Ch. Engr. E. M. Gilbert,..... "

★59

Pres. Samuel C. Steinhart... New York
V. Prests. } Wm. Homan..... "
E. H. Mason.. Brunswick, Ga.
Sec. & Treas Joseph L. Berg. New York
Gen. Mgr. & Ch. Engr.
A. de Sola Mendes..... Brunswick, Ga.
 118

696 - Cities Service Co.—Office, 60 Wall St. (Controls Alliance (O.) Gas & Pwr. Co.; Arkansas Valley Gas Co. Arkansas City, Kans; Ashland (Ohio) Gas & Elec. Lt. Co.; Athens (Ga.) Ry. & Elec. Co.; Atlas Chemical Co., Toledo (Ohio); Bartlesville (Okla.) Gas & Oil Co.; Bartlesville (Okla.) Interurban Ry. Co.; Berea (O.) Pipeline Co.; Bristol (Va.—Tenn.) Gas & Elec. Co.; Brush Elec. Co., Galveston, Texas; Central Ohio Gas & Elec. Co. (which controls Buckeye State Gas & Fuel Co., Columbus Natural Gas Co., Coshocton Gas Co., Mansfield Elec. Lt. & Pwr. Co. and Medina Gas and Fuel Co.); Cities Fuel & Pwr. Co. (which controls Amer. Pipe Line Co. Kansas, Franklin County Pipe Line Co. Kansas, Glenwood Nat. Gas Co. Ltd. Ontario, Manufacturers Nat. Gas Co. Ltd., Ontario and Sentinel Oil & Gas Co. Kansas); City Lt. & Trac. Co., Sedalia, Mo.; City Lt. & Wtr. Co., Amarillo, Texas; Compania Emmex de Petroleo y Gas (Mexico); Crew Levick Co., Phila. Pa., (which controls Admirel S. S. Co. and Warren Co. which controls Lutimer Gas Co., Rodoak (Okla.); Cumberland (Md.) & West ernport Elec. Ry. Co.; Dabury (Conn.) & Bethel Gas & Elec. Lt. Co.; Denver (Colo.) Gas & Elec. Lt. Co.; Dominion Gas Co. (which controls Beaver Oil & Gas Co., Ltd., Brantford Gas Co., Dominion Natural Gas Co. Ltd., Ingersoll Gas Lt. Co., United Gas Cos., Ltd., and Woodstock Gas Lt. Co.); Durham (N.C.) Trac. Co.; Electric Bond Deposit Co.; Empire District Elec. Co. (which controls Carthage Gas Co., Empire Dist. Elec. Co. of Okla., and Webb City & Carterville Gas Co.) Empire Gasoline Co., Del., Operating in Kansas and Okla.; Empire Gas & Fuel Co. (which controls Colo., Okla., Texas, District Co.) Empire Gas & Pipeline Co. (Kansas); Empire Gas & Fuel Company of Del. which controls (Empire Gas & Fuel Co. (Calif.) 59 Osage Oil Co., Indian Territory Oil Co., which controls Delmar Oil Co., Osage Producers Gas Co. and Westerly Oil Co., Keesage Oil Co., Midland Oil Co., Quapaw Gas Co., (which controls Consumers Gas Co.; Steyner Oil Co., Wichita Natural Gas Co. (which controls Selgwick Oil Co., Winfield Natural Gas Co.; and Wichita Pipe Line Co.); Empire Oil & Gas Co., Kentucky; Empire Petroleum Co., Kansas and Okla.; Empire Refining Co. of Okla. (which controls Empire Pipe Line Co., Empire Refineres, Inc., and Producers Refining Co. of Texas); Standard Asphalt & Refg. Co.; Standard Emarex Co., Chicago, Ill.; Fremont (Nebr.) Gas, Elec. Lt. & Pwr. Co.; Frost Gas Co. (which controls Akron (N.Y.) Nat. Gas Co., Alden Batavia (N.Y.) Nat. Gas Co., Attica (N.Y.) Nat. Gas Co., Brocton (N. Y.) Gas & Fuel Co., Niagara Lt. Ht. & Pwr. Co (Tonawanda, N. Y.), North Buffalo (N. Y.) Nat. Gas & Fuel Co., Ontario Gas Co. (Honeoye Falls, N. Y.), Silver Creek (N. Y.) Gas & Improv. Co., South Shore Nat. Gas & Fuel Co. Westfield, N.Y.) Knoxville (Tenn.) Gas Co.; Lebanon (Pa.) Lt. Co.; Lincoln (Nebr.) Gas & Elec. Co.; (which controls Havelock (Neb.) Elec. Lt. Co.; Lorain County Elec. Co., Elyria, O.; Massillon (O.) Elec. & Gas Co.; Meridian (Miss.) Lt. & Ry. Co.

(which controls Hatesburg Trac. Co.); Montgomery (Ala.) Lt. & Wtr. Pwr. Co.; Pueblo (Colo.) Gas & Fuel Co.; Republic Constr. Co. (Mansfield, Ohio); Reserve Gas Co., Oklahoma; Richland Co. Richland Public Service Co., Mansfield (Ohio); St. Joseph (Mo.) Ry. Lt. Ht. & Pwr. Co.; Salina (Kans.) Lt. Pwr. & Gas Co.; Southern Ont. Gas Co. Ltd.; Southwestern Okla. Gas & Fuel Co.; Spokane (Wash.) Gas & Fuel Co.; Summit County Pwr. Co., Dillon, Colo.; Toledo Trac., Lt. & Pwr. Co. which controls Acme Pwr. Co. (Toledo Rys. & Lt. Co., Toledo, Ottawa Beach & Nor. Ry. Co., Toledo & Western R. R. Co., Maumee Valley Rys. & Lt. Co., Adrian St. Ry. Co., Toledo Beach Co. and Toledo Casino Co.); Trumbull Public Service Co., Warren, O.; United Water, Gas & Elec. Co., Hutchinson, Kans; Utilities Constr. Co. (Ohio); Venture Gas Co., Morral, O.; Washita (Okla.) Gas & Fuel Co.; Watauga Pwr. Co., (Elizabethton, Tenn); Western Distributing Co., Kansas, Western Lt. & Pwr. (which controls Cheyenne Lt., Fuel & Pwr. Co.) and Western Okla. Gas & Fuel Co.)

Pres. Henry L. Doherty..... New York
E. MacKay Edgar
 London, Eng.
V. Prests. } Frank W. Frueauff, New York
E. H. Johnston..... "
Thos. I. Carter..... "
Sec. Paul R. Jones..... "
Treas. Louis F. Musil..... "
Asst. Secs. } E. E. McWhinney "
F. W. Bonnet, London, Eng.
G. C. Blankner, New York
Asst. Treas.
G. G. Brownell "
Asst. } T. A. Wallace "
D. W. Harris "
Treasrs. } J. J. Smith "
Gen. Counsel,
Frueauff, Robinson & Sloan... "
 ★19

697 - Doherty Operating Co.—Office, 60 Wall St. (Operates Ozark Pwr. & Wtr. Co. and the properties controlled by the Cities Service Co.)
Pres. Henry L. Doherty..... New York
V. Pres. Frank W. Frueauff..... "
V. Pres. & Gen. Mgr. H. H. Scott, "
Sec & Treas. Louis F. Musil..... "
Andr. Paul R. Jones..... "
Ch. Engr. Milan R. Bump..... "
Pur. Agt. Frank J. Petura..... "
 ★69

698 - The Eastern Power & Light Corp.—Office, 25 Nassau St. (Controls the following properties operated under management of W. S. Barstow Management Assn. Inc: Reading Transit & Light Company (which leases the Lebanon Valley St. Ry. and the Schuylkill Valley Trac. Co.); Metropolitan Edison Co.; Oley Valley Ry. Co.; Nevercrank Mountain Ry. Co.; Penna. Utilities Co.; Eastern Penna. Pwr. Co.; Easton Gas Works; West Va. Trac. & Elec. Co.; City & Suburban Gas Co.; City Ry. Co.; Claremont Pwr. Co.; The Colonial Pwr. & Lt. Co. and Eastern Utilities Coal Co.
Chmn. of Bd.
O. B. Willcox..... New York
Pres. Jos. B Taylor, 50 Pine St. "
V. Prests. } W. S. Bar-tow "
F. V. Henshaw..... "
Sec. & Treas. A. P. Taliaferro. "
 ★59

699 - Electric Bond & Share Co.—Office, 71 Broadway, (Fiscal agent for Carolina Pwr. & Lt. Co., Raleigh, N. C. (which in turn controls Yadkin River Pwr. Co., Palmetto Pwr. & Lt. Co.

and the Asheville (N. C.) Pwr. & Lt. Co.); Utah Securities Corpn. (which controls the Utah Pwr. & Lt. Co., which now owns the property formerly owned by the Telluride Pwr. Co. and other property in Utah, Colorado and Idaho, and Utah Lt. & Trac. Co.); American Pwr. & Lt. Co. (which controls Kansas Gas & Elec. Co., Pacific Pwr. & Lt. Co., Portland Gas & Coke Co., Nebraska Pwr. Co. and Southwestern Pwr. & Lt. Co.); American Gas & Elec. Co. and its subsidiaries; National Securities Corpn. and its subsidiary, Idaho Pwr. Co. and Lehigh Power Securities Corpn., which controls Lehigh Navigation Elec. Co., Lehigh Valley Transit Co., Northumberland County Gas & Elec. Co., Northern Central Gas Co., Columbia & Montour Elec. Co. and Hagerstown Lt. & Ht. Co. of Washington County.) (Subsidiary of the General Elec. Co.)
 Pres. S. Z. Mitchell.....New York
 V. Prests. { F. A. Farrar..... "
 { E. K. Hall..... "
 { C. E. Groesbeck... "
 { E. W. Hill..... "
 { L. H. Parkhurst... "
 Sec. H. M. Francis..... "
 Asst. { E. P. Summerson..... "
 Secs. { G. C. Hallister..... Schenectady
 { Compt. A. E. Smith....New York
 Treas. Wm. Keiser..... "
 Asst. { A. C. Ray..... "
 Treas. { G. J. Hickman..... "
 Asst. Compt. W. C. Lang..... "
 Gen. Audr. A. H. Arming..... "
 Statistician E. B. Lee..... "

★59

700 - Federal Lt. & Trac. Co.—Office, 60 Broadway, New York. (Holds controlling interest in Grays Harbor Ry. & Lt. Co., (Aberdeen, Wash.); Sheridan County Elec. Co. (Sheridan, Wyo.); Rawlins (Wyo.) Elec. Lt. & Fuel Co.; Hobart (Okla.) Elec. Co.; Albuquerque (N. M.) Gas & Elec. Co.; Las Vegas (N. M.) Lt. & Pwr. Co., (which controls Las Vegas Transit Co.); Tucson (Ariz.) Gas Elec. Lt. & Pwr. Co., and Tucson Rapid Transit Co.; Springfield Ry. & Lt. Co. (which controls Springfield Traction Co. and Springfield (Mo.) Gas & Elec. Co.); Trinidad (Colo.) Elec. Transm. Ry. & Gas Co.; Deming (N. M.) Ice & Elec. Co. and Central Arkansas Ry. & Lt. Corpn., which controls the Hot Springs St. Ry. Co., Hot Springs Wtr. Co., Citizens Elec. Co. and Consumers Gas Co., all of Hot Springs, Ark.)
 Pres. E. N. Sanderson.....New York
 1st V. Pres. Francis Blossom... "
 2nd V. Pres. Craig Colgate.... "
 3rd V. Pres. Louis C. Gerry.... "
 Sec. John B. Marsh..... "
 Treas. & Asst. Sec.
 J. Dunnhill..... "
 Asst. Treas. Richard Talbot... "
 Gen. Supt. & Ch. Engr.
 C. H. Nichols..... "

79

701 - The General Gas & Elec. Co.—Office, 50 Pine St. (Controls the following properties operated under management of W. S. Barstow Management Assn. Inc: Rutland (Vt.) Ry., Lt. & Pwr. Co., Pittsford (Vt.) Pwr. Co., Northwestern Ohio Ry. & Pwr. Co., Toledo, O., Port Clinton (O.) Elec. Lt. & Pwr. Co., Sandusky (O.) Gas & Elec. Co., Western Vermont Pwr. & Lt. Co., Fairhaven, Vt., Interurban Gas Co., Nazareth, Pa., New Jersey Pwr. & Lt. Co., Dover, N. J., Sayre (Pa.) Electric Co., Waverly (N. Y.) Elec. Light Co. and Binghamton (N. Y.) Lt., Ht. & Pwr. Co.)

Pres. W. S. Barstow.....New York
 V. Pres. Joseph B. Taylor..... "
 Sec. & Treas. O. Clement Swenson "
 Asst. Sec. W. J. Reast..... "

59

702 - Interborough - Consolidated Corpn.—Office, 165 Broadway. (Incorporated as successor to Interborough Metropolitan Co. and Finance & Holding Corporation.) (Controls the Interborough Rapid Transit Co. and New York Rys. Co.)
 Chmn. Bd. & Exec. Comm.
 August Belmont....43 Exchange Place.
 New York
 Pres. Theo. P. Shonts..... "
 V. Pres. H. H. Vreeland..... "
 Sec. H. M. Fisher..... "
 Asst. Sec. A. C. Wigren..... "
 Treas. J. H. Campbell..... "
 Audr. E. F. J. Gaynor..... "

59

702a - Lehigh Power Securities Corpn.—Office, 71 Broadway. (Controls the following properties: Lehigh Navigation Elec. Co., Lehigh Valley Transit Co., Northumberland County Gas & Elec. Co., Northern Central Gas Co., Columbia & Montour Elec. Co. and Hagerstown Lt. & Ht. Co. of Washington County. Under management of Electric Bond & Share Co.)
 Pres. S. Z. Mitchell.....New York
 V. Prests. { E. K. Hall..... "
 { P. B. Sawyer..... "
 Sec. E. P. Summerson..... "
 Treas. A. E. Smith..... "

59

702b - National Utilities Co.—Office, 115 B'way, New York and 81 E. Long St., Columbus, Ohio. (Control and are managers of the following companies—Ohio & Western Utilities Co. which controls The Chillicothe (Ohio) Elec. R. R. Lt. & Pwr. Co. and Ft. Scott & Nevada (Mo.) Lt., Ht., Wtr. & Pwr. Co.; Ohio Utilities Co. which controls Hillsboro Ice & Coal Co.; The Ohio Utilities Co. in Delaware, Circleville, Gallipolis and Hillsboro (Ohio); Eastern States Public Service Co. which controls New Jersey Gas & Elec. Co. (Dover), Newton Elec. & Gas Co. and Lambertville Public Service Co.; also manages Port Arthur (Texas) Gas & Pwr. Co. and Flemington Elec. Lt., Ht. & Pwr. Co.)
 Pres. J. C. Martin.....Columbus, Ohio
 1st V. Pres. A. W. Brooks, Boston, Mass.
 2nd V. Pres. A. F. Beringer....New York
 Sec. Ralph Madison.....Columbus, Ohio
 Treas. R. Buchanan, Jr.....New York

59

703 - The North American Co.—Offices 30 Broad St. New York City and Union Bldg., Newark N. J. (Controls or is interested in Union Elec. Lt. & Pwr. Co., United Rys. Co. of St. Louis, The St. Louis County Gas Co., Detroit (Mich.) Edison Co. West Ky. Coal Co. (Sturris, Ky.) and The Wisconsin Edison Co., Inc., New York, N. Y., (which controls The Milwaukee Elec. Ry. & Lt. Co., Milwaukee Lt., Ht. & Trac. Co., Wisconsin Gas & Elec. Co., North Milwaukee Lt. & Pwr. Co., and Wells Pwr. Co. all of Wis.)
 Pres. Jas. D. Mortimer.....New York
 Asst. to Pres. Edwin Gruhl.... "
 V. Pres. Henry H. Pierce..... "
 Sec. & Asst. Treas. J. F. Fogarty "
 Asst. Treas. Robt. Sealy..... "
 Asst. Secs. { F. H. Plske..... "
 { Robt. Randall.... "

★69

705 - Ohio & Western Utilities Co.—Office, 115 Broadway, New York. (Controls Ft. Scott & Nevada Lt., Hts.

Wtr. & Pwr. Co. (Nevada, Mo.) and Chillicothe (O.) Elec. R. R. Lt. & Pwr. Co. and in turn is controlled and managed by National Utilities Co., New York.)

Pres. A. F. Beringer..... New York
1st V. Pres. J. C. Martin Columbus, Ohio
2nd V. Pres. L. M. Symmes.... New York
Sec. R. Buchanan Jr..... "
Treas. E. H. Van Wyck..... " ★59

706—Pennsylvania Electric Co.—
Offices 394 Du Pont Bldg., Wilmington, Del. and 14 Wall St. New York
(Controls through ownership of securities the following: Citizens Lt. Ht. & Pwr. Co. of Pa. (Johnstown); Johnstown (Pa.) Fuel Supply Co.; Penn Electric Service Co. (Johnstown and Somerset); Penn Public Service Co. (Clearfield, Pa.) and Centre & Clearfield Ry. Co. (Phillipsburg, Pa.)

Pres. H. D. Walbridge..... New York
V. { J. K. Andrews..... "
Prests. { F. T. Hepburn..... "
Sec. H. S. Brown..... "
Treas. F. E. Haag..... "
Asst. Sec. L. A. Wood..... "
Asst. Treas. F. E. Taylor..... " ★59

707—Southern Light & Traction Co.—New York office, 120 Broadway. (This corporation was organized under the laws of New Jersey "to hold stocks, bonds and other securities," and is chiefly interested in street railway, electric and gas lighting properties.) (Practically entire capital stock owned by the American Lt. & Trac. Co.)

Pres. Emerson McMillin..... New York
V. Pres. Philip Lehman..... "
Sec. C. N. Jelliffe..... "
Treas. A. P. Lathrop..... " ★59

708—Southwestern Pwr. & Lt. Co.—New York office, 71 Broadway. (Controls Texas Pwr. & Lt. Co., Ft. Worth Pwr. & Lt. Co., El Paso Gas Co., Galveston Gas Co., Paris Transit Co., Wichita Falls Elec. Co., Wichita Falls Wtr. Co., West Texas Elec. Co., Sweetwater Ice & Cold Storage Co., International Elec Co., Eagle Pass Wtr. Co., Hutchinson Gas & Fuel Co. and Newton Gas and Fuel Co.) (Controlled by the American Pwr. & Lt. Co.)

Pres. F. G. Sykes..... New York
V. { E. W. Hill..... "
Prests. { A. S. Grenier..... "
 { H. R. Kingman..... "
Sec. E. P. Summerson..... "
Asst. Sec. H. L. Martin..... "
Treas. Wm. Reiser..... "
Asst. { A. C. Ray..... "
Treasrs. { J. J. Hickman..... " ★59

709—The United Gas & Elec. Corpn.—Office, 61 Broadway. New York, Controls Louisiana Gas & Fuel Co. (Shreveport, La.) (which controls the common stock of Louisiana Gas Co.), International Trac. Co. (Buffalo, N. Y.) (which controls International Ry. Co.), Utilities Oil & Ref. Corpn. (which controls the common stock of United Okla. Oil & Gas Corpn.. (New York N. Y.) and Atlas Oil Co., (Shreveport, La.), the common stock of Houston (Tex.) Gas & Fuel Co.; Consumers' Elec. Lt. & Pwr. Co. (New Orleans, La.), Harrisburg (Pa.) Lt. & Pwr. Co., Gretna (La.) Lt. & Pwr. Co., Inc., Intercity Term Ry Co. (N. Little Rock, Ark.) and Houston Heights (Texas) Wtr. & Lt. Assn., preferred stock of Richmond (Ind.) Lt., Ht. & Pwr. Co., common and preferred stock of Union Gas & Elec. Co. (Bloomington, Ill.), American Cities

Co. (which controls The Memphis (Tenn.) St. Ry. Co., Little Rock (Ark.) Ry. & Elec. Co., New Orleans (La.) Ry. & Lt. Co. Sys. and Birmingham (Ala.) Ry. Lt. & Pwr. Co., the common stock of Houston (Texas) Lt. & Pwr. Co. and Knoxville (Tenn.) Ry. & Lt. Co., United Gas & Elec. Co., of New Jersey which controls Citizens Gas & Fuel Co. (Terre Haute Ind.), Elmira (N. Y.) Wtr., Lt. & R. R. Co., Colorado, Springs (Colo.) Lt., Ht. & Pwr. Co and the Wilkes-Barre (Pa.) Co., the common stock of Richmond (Ind.) Lt., Ht. & Pwr. Co., Empire Wtr. & Pwr. Co., (Colorado Springs Colo.), Leavenworth (Kans.) Lt., Ht. & Pwr. Co. and Lockport (N. Y.) Lt., Ht. & Pwr. Co. (which controls the common stock of International Pwr. & Trans. Co. (Lockport, N. Y.) and the preferred stock of Altoona (Pa.) Gas, Lt. & Fuel Co.); Lancaster (Pa.) County Ry. & Lt. Co. (which controls Conestoga Trac. Co. (Lancaster, Pa.) and the common stock of Lancaster (Pa.) Gas Lt. & Fuel Co., Edison Elec. Co. (Lancaster, Pa.) and Lancaster (Pa.) Elec. Lt., Ht. & Pwr. Co.; Lancaster Gas Lt. & Fuel Co. (which controls Columbia (Pa.) Gas Co.), United Gas & Elec. Engrg. Corpn. (which controls the common stock of Central River Coal & Supply Co., (New York, N. Y.).

Pres. Edward G. Connette..... New York
V. Prests. { Francis T. Homer
 { 40 Wall St. "
 { Tracy A. Johnson "
Sec. John A. McKenna..... "
Treas. & Compt. Arthur L. Linn, Jr. "
Asst. Compt. Robt. C. Hill..... "
Andr. H. M. Meyers..... "
Pur. Agt. F. Geo. Robinson... " ★69

710—United Gas & Elec. Engrg. Corpn.—Office, 61 Broadway; branch office, 2100 First Ave., Birmingham, Ala. (Acts as consulting, contracting and operating engineers for all classes of public utility properties. Now acting in this capacity for the following companies: Altoona (Pa.) Gas, Lt. & Fuel Co. Citizens' Gas & Fuel Co. (Terre Haute, Ind.), Columbia (Pa.) Gas Co., Houston (Texas) Gas & Fuel Co., Lancaster Pa.) Gas Lt. & Fuel Co., Louisiana Gas & Fuel Co., Inc. (Shreveport, La.) Richmond (Ind.) Lt., Ht. & Pwr. Co., Consumers Elec. Lt. & Pwr. Co. (New Orleans, La.), Edison Elec. Co. (Lancaster Pa.) Gretna (La.) Lt. & Pwr. Co., Inc., Houston (Texas) Lt., & Pwr. Co. Lancaster (Pa.) Elec. Lt., Ht. & Pwr. Co. Lancaster, (Pa.), International Trac. Co. (Buffalo, N. Y.), Memphis (Tenn.) St. Ry. Co. Leavenworth (Kan.) Lt., Ht. & Pwr. Co., Union Gas & Elec. Co. (Bloomington, Ill.), Knoxville (Tenn.) Ry. & Lt. Co., Little Rock (Ark.) Ry. & Elec. Co., Harrisburg (Pa.) Lt. & Pwr. Co., Elmira (N. Y.) Wtr. Lt. & R. R. Co., New Orleans (La.) Ry. & Lt. Co. Sys., Colorado Springs (Colo.) Lt., Ht. & Pwr. Co., Lockport (N. Y.) Lt. Ht. & Pwr. Co., The Wilkes-Barre (Pa.) Co., Birmingham (Ala.) Ry., Lt. & Pwr. Co., Houston Heights (Tex.) and Central River Coal & Supply Co., Water & Lt. Assoc.) (Controlled by The United Gas & Elec. Corpn.)

Pres. Edward G. Connette..... New York
 { John F. Wessel.... "
 { Francis T. Homer
 { 40 Wall St. "
V. Prests. { W. B. Emmert..... "
 { Mgr. Rate & Stat. Dept. "
 { J. H. Perkins..... "
Sec. John A. McKenna..... "
Treas. Compt. & Arthur L. Linn, Jr. "
Asst. Compt. Robt. C. Hill..... "

Andr. H. M. Meyers.....New York
 Pur. A. T. F. Geo. Robinson.... "
 Engr. Northern Properties
 J. W. Thomas..... " ★69

712 — J. G. White & Co., Inc.—
 Office, 49-49 Exchange Pl., New York.
 (Finances electric railways, electric light
 and power plants, water power, gas and
 other public utility properties.) (Controls
 The J. G. White Management Corporation
 and The J. G. White Engineering Corporation.)

Pres. J. G. White.....New York
 { Gano Dunn..... "
 V. Prests. { J. H. Pardee..... "
 { R. B. Marchant... "
 { S. B. Steel..... "
 Sec. & Asst. Treas. A. L. De Camp "
 Asst. Sec. & Asst. Treas.
 Geo. R. Doremus..... " ★59

713 — The J. G. White Engineering Corpn.—Office, 43 Exchange Pl.
 (Engineers and contractors for electric
 railways, electric light and power
 plants, water power, gas and other public
 utility properties. Controlled by J.
 G. White & Co., Inc.)

Chrmn. Ex. Com. J. G. White. New York
 Pres. Gano Dunn..... "
 { E. G. Williams..... "
 V. Prests. { A. S. Crane..... "
 { H. A. Lardner..... "
 Sec. & Asst. Treas. C. F. Conn "
 Treas. & Asst. Sec.
 C. S. Pinkerton..... "
 Asst. Treas. R. N. Whitcomb.. " ★59

714 — The J. G. White Management Corpn.—Office, 43 Exchange Pl.
 (Manages and supervises the organization,
 rehabilitation and operation of all classes
 of public utility properties. Those now
 under contract include the following holding
 companies controlling about fifty subsidiary
 companies: Associated Gas & Electric Co.,
 New York; Augusta-Aiken Railway & Electric
 Corpn. Augusta, Ga.; Eastern Pennsylvania
 Railways Co., Pottsville, Pa.; The Helena
 (Mont.) Light & Ry. Co.; The Manila
 Electric Railroad & Lighting Corpn.,
 Manila, P. I.; Ferrocarril Del Pacifico
 De Nicaragua, Managua, Nicaragua;
 Thornapple Gas & Electric Co., Hastings,
 Mich. and Southern Utilities Co., Palatka,
 Fla. Also manages the Poughkeepsie &
 Wappingers Falls Railway Co., Poughkeepsie,
 N. Y.; St. Johns Elec. Co., St. Augustine,
 Fla.; Matanzas-American Sugar Co.,
 Matanzas, Cuba; Cardenas-American
 Sugar Co., Cardenas, Cuba; Central
 Sugar Corpn., Salamanca, Cuba;
 Kentucky Public Service Co., Bowling
 Green; Brewster & Co., Long Island
 City, N. Y.; and Philippine Ry. Co.,
 Iloilo, P. I.) (Controlled by J. G. White
 & Co., Inc.)

Chrmn. Ex. Com. J. G. White, New York
 Pres. J. H. Pardee..... "
 { Joseph K. Choate.. "
 V. Prests. { A. L. Mathews.... "
 { John I. Mänge..... "
 Sec. & Treas. T. W. Moffat... "
 Asst. { Asst. Treas. H. B. Brown "
 Secs. { C. C. Dietz..... " ★59

715 — The Wisconsin Edison Co., Inc.—
 Office, 30 Broad St. (Controls the
 Milwaukee Lt., Ht. & Trac. Co., the
 Milwaukee Elec. Ry. & Lt. Co., the
 Wisconsin Gas & Elec. Co., the North
 Milwaukee Lt. & Pwr. Co., and Wells
 Power Co.) (Controlled by The North
 American Co.)

Pres. J. D. Mortimer.....New York
 { Henry H. Pierce, "
 V. Prests. { 49 Wall St., "
 { Edwin Gruhl..... "
 Sec. J. F. Fogarty..... "
 Asst. } Robt. Sealy..... "
 Treas. } Ferdinand Sherwood.. "
 Asst. Sec. Robt. Randall..... " ★59

Borough of Queens, 366,426 (1915)

716 — The Long Island Consol. Elecl. Cos.—
 Office, Penna. Sta., New York.
 (Owns one-half interest in the New
 York & Long Island Trac. Co. and
 the Long Island Elec. Ry. Co.)

Pres. A. J. County.....Philadelphia, Pa.
 V. Pres. C. L. Addison.....New York
 Sec. Wm. F. Brown..... "
 Treas.
 George A. Walker....Philadelphia, Pa.
 Compt. C. M. Bunting.. " 79

717 — Long Island Elec. Ry. Co.—
 Office, 7 Borden Ave., Long Island
 City. (Connects Brooklyn, Queens,
 Jamaica and Far Rockaway.) (Controlled
 by The Long Island Consol. Elecl. Cos.
 and Interborough Rapid Transit Co.)

Pres. C. L. Addison
 Penna. Sta., New York
 V. Pres. Gen. Mgr. & Pur. Agt.
 W. O. Wood.....Long Island City
 Sec. & Treas.
 Wm. F. Brown, Penna. Sta., New York
 Gen. Audr.
 F. J. Fell, Jr.....Philadelphia, Pa.
 Audr. Wm. Hartz.....Long Island City
 Supt. J. M. Stoddard.....Jamaica
 Claim Agt. A. J. Eaton....Long Island City
 Supt. Equip. J. W. Gerke "
 Energy purchased from The L. I. R. R.
 Co.; trans. volt. 11,000 v; trolley volt. 550 v.
 Power sta. and repair shop at Jamaica.
 Reaches Far Rockaway, Belmont Park,
 and Jamaica Race Track.
 25.84 miles; 4-8½ p; 36 motor pass. and
 8 other motor cars. 59

718 — The Long Island Railroad.—
 Operating and Executive Offices,
 Penna. Sta., 8th Ave. & 32d St., New
 York. (Operates a main line by electric
 from Manhattan, at the Pennsylvania
 Sta. over tracks of the Pennsylvania
 Tunnel & Terminal Railroad Co. to
 Harold Avenue, Long Island City,
 and thence over its own tracks to
 Jamaica, with the following branches
 and extensions: line from Harold
 Avenue into its Long Island City
 Ferry Terminal; line from Winfield
 Junction to Port Washington on the
 north shore, with a diverging line from
 Whitestone Junction to Whitestone
 Landing; line from White Pot Junction
 to Rockaway Park on the south shore;
 an extension from Jamaica southerly
 by way of Valley Stream and Far
 Rockaway to a wye junction with the
 last mentioned line at Hammels; line
 from Valley Stream, via Lynbrook, to
 Long Beach; line from Jamaica eastward
 through Garden City to Meadowbrook,
 with a spur near Queens running to
 Belmont Park and north and south
 branches at Hempstead Crossing to
 Mineola and Hempstead respectively;
 line from Jamaica into the Flatbush
 Avenue Terminal, Brooklyn; in addition
 to the aforementioned lines, which
 are all operated by the third-rail system,
 there are two pieces of track over which
 storage battery cars are regularly
 operated—the branches from Bushwick
 to Bushwick Junction and from Valley
 Stream to Mineola via Hempstead
 Crossing.) (Controls Ocean Elec. Ry. Co.)

The Glen Cove R. R. Co., The Northport Trac. Co., The Nassau County Ry. Co. and Huntington R. R. Co.) (Controlled by the Penna. R. R. Co.)

Federal Mgr. Ralph Peters.... New York
Pres. Samuel Rea

Broad St., Sta. Philadelphia, Pa.
Asst. to Pres. C. L. Addison.... New York
V. Pres. & Treas. Henry Tatnall

Broad St. Sta., Philadelphia, Pa.
Federal Treas. Frank E. Haff.... New York
Federal Andr. T. J. Ludlam.... "

Sec. Lewis Neilson
Broad St. Sta., Philadelphia, Pa.

Gen. Mgr. J. R. Savage, " "
Supt. C. D. Baker Jamaica

Asst. Supts. } W. E. Canning... " "
} E. B. Kessler..... " "

Supt. Trolley Lines
Alvah Seaman..... Far Rockaway

Claim Agt. W. H. Mahler.... New York
Gen. Fgt. Agt. & Fgt. Claim Agt.

Donald Wilson..... " "
Gen. Pass. Agt. H. M. Smith.... "

Pur. Agt. H. B. Hodges..... Jamaica
Gen. Storekeeper Eugene Wrigh ..

Ch. Engr. L. V. Morris..... " "
Ch. Engr. Elec. Trac. Geo. Gibbs New York

Supt. Teleg. & Elect. L. S. Wells, " "
Real Estate Agent

H. A. Howarth..... " "
Pass. Trainmaster. C. H. Riseley,

Flatbush Ave. Sta., Brooklyn
Engr. M. of W., E. M. Weaver Jamaica

Supt. Mtv. Pwr.
G. C. Bishop..... Richmond Hill.

Energy purchased from the Pennsylvania Railroad; trans. volt. 11,000 v. 25 cys; trolley volt. 675 v.

15 sub. stas. tot. cap. 56000 kw. 41 rot. conv.

Repair shops at Richmond Hill.

880.17 miles (of which 218 miles are electrified); 4-8½ g; 462 motor pass., 92 trall. pass., 15 exp. motor and 637 other cars; 2 elec. locos. ★79

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719—New York & Queens County Ry. Co.—Office, 7 Borden Ave., Long Island City.

Pres., Gen. Mgr. & Pur. Agt.
W. O. Wood..... Long Island City

V. Pres. W. L. Pepperman
165 Broadway, New York

Sec. H. M. Fisher..... " "
Treas. J. H. Campbell.. " "

Andr. E. F. J. Gaynor.. " "
Asst. Andr. Wm. Hartz. Long Island City

Claim Agt. A. J. Eaton.. " "
Supt. Transp.

S. H. Serena..... " "
Supt. Maint. J. W. Gerke " "

Roadmaster, J. J. Hogan " "
Energy purchased from Interborough

Rapid Transit Co; trans. volt. 11,000 v; trolley volt. 575 v.

2 sub-sta. (1 with auto. cont.) tot. cap. 9000 kw; 9 rot. conv.

Repair shop at Woodside.
Reaches North Beach.

77.15 miles: 4-8½ g; 202 motor pass.

30 other motor and 3 other cars. 59

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720—Ocean Elec. Ry. Co.—Office Penna. Sta. New York. (Controlled by The Long Island R. R. Co.) (Connects Far Rockaway with Rockaway Beach, via trackage rights over The Long Island R. R. Co; to Hammels, and from Hammels to Rockaway Park and Belle Harbor by its own line.)

Pres. A. J. County.... Philadelphia, Pa.
V. Pres. C. L. Addison..... New York

Sec. Wm. F. Brown..... " "
Treas. Geo. A. Walker, Philadelphia, Pa.

Comptroller C. M. Bunting.... " "
Supt. Alvah Seaman..... Far Rockaway

Gen. Real Estate Agt.
Thos. W. Hulme..... Philadelphia, Pa.

Energy from L. I. R. R. Co.; trolley volt. 675 v.

675 v.

675 v.

Repair shop at Morris Park.

8.59 miles owned and leased; 4-8½ g; 24 motor and 3 other cars. ★79

★79

Borough of Richmond. 97,883 (1915).

721—Richmond Light & R. R. Co.
—Office, Terminal Bldg., New Brighton, N. Y. (Formerly Staten Island Elec. R. R. Co. Connects Elizabethport, St. George and Bergin Point Ferries and the following towns: Mariners Harbor, Port Richmond, New Brighton, West New Brighton, Tompkinsville, Stapleton, Clifton and South Beach.)

Pres. Clarence W. Huntington
60 Wall St., New York

V. Pres. & Mgr. R. L. Rand, New Brighton

Sec., Treas. & Andr.
J. E. Phillips..... " "

Supt. of Rys. H. J. Blackham " "

Claim Agt. B. G. Endie..... " "

Pur. Agt. J. F. Fitzgerald.... " "

Ch. Engr. W. H. Rudisill..... " "

Supt. Distbrn., Paul Van Wagner " "

Ch. Engr. Pwr. Sta. J. C. Falkner " "

M. M. Otto Gottschalk..... " "

Engr. of Ovhd. Const.
Stephen McCormick..... " "

Roadmaster Joseph McPhee " "

Power sta. equip. 2 d. c. Allis-C tot. 1200 kw; 5 a. c. turbo-gen. G. E. West tot. 14,000 kw. 2300 v. 3 ph. 60 cys; 1800 hp. c. Allis C; 6060 hp. b. Bab. & W; trans. volt. 6600 v; trolley volt. 600 v.

2 sub-sta. tot. cap. 3500 kw; 5 rot. conv., 3-500 kw. and 2 1000 kw.

Power sta at Livingston, S. I.; repair shops at Brook St. car house, New Brighton.

32 miles; 4-8½ g; 123 motor pass., 10 other motor and 4 other cars. (Company does general ltg. and power business.) ★59

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722—Southfield Beach R. R. Co.—Office, Terminal Bldg., New Brighton, N. Y. (Connects South Beach and Midland Beach)

Pres. Clarence W. Huntington
60 Wall St., New York

V. Pres. & Gen. Mgr.
R. L. Rand..... New Brighton

Sec., Treas. & Andr.
J. E. Phillips..... " "

Supt. of Rys. H. J. Blackham " "

Pur. Agt. J. F. Fitzgerald.... " "

Ch. Engr. W. H. Rudisill, New Brighton

Energy purchased from Richmond Lt. & R. R. Co; trans. volt. 6600 v; trolley volt. 600 v.

Reaches several beaches.
4 miles: 4-8½ g; Richmond Lt. & R. R. Co.'s cars. ★59

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723—Staten Island Midland Ry.—Office, Terminal Bldg., New Brighton, N. Y. (Connects St. George, Tompkinsville, Stapleton, Concord, New Dorp, Midland Beach and Richmond; at St. George connects with ferry for New York)

Pres. Clarence W. Huntington
60 Wall St., New York

V. Pres. & Gen. Mgr.
R. L. Rand..... New Brighton

Sec. A. M. Stillwell..... " "

Treas. A. Watson..... " "

Andr. J. E. Phillips..... " "

Supt. of Rys. H. J. Blackham " "

Claim Agt. B. G. Radie.... " "

Pur. Agt. J. F. Fitzgerald.... " "

Ch. Engr. W. H. Rudisill, New Brighton

Energy purchased from Richmond Lt. & R. R. Co; trans. volt. 6600; trolley volt. 600 v.

28 miles; 4-8½ g; 71 motor cars. ★59

★59

NIAGARA FALLS. 42,257 (1915).

(See also No. 1272)

724—Niagara Gorge R. R. Co.—Office, Niagara Falls. (Leases the Lewiston & Youngstown Frontier Ry. Co.) (Connects Niagara Falls Suspension Bridge, Lewiston, Fort Niagara, Fort Niagara Beach and Youngstown. Connects with the aerial cableway operated by The Niagara Spanish Aerocar Co., Ltd.)

Pres. (Mrs.) Jos. T. Jones.....Buffalo
V. Pres. & Gen. Mgr.

Bert L. Jones, 604 Ellicott Sq., .. "

Sec. Grosvenor L. Corlies..... "

Treas. Kendall B. Hassard..... "

Audr. A. B. Elmer.....Niagara Falls

Supt. E. E. Nickle..... "

Gen. Pass. Agt., John Edbauer, .. "

Engrs. White & Gettman.... "

Track Foreman, J. Mondia.... "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co. 11,000 v. to substa. at Lewiston; equip. 800 kw. rot. conv. G. E. Westg; trolley volt. 600 v.

Repair shops at Niagara Falls.

Controls Fort Niagara Beach.

22.12 miles; 4-8½ g; 29 motor pass. and 42 other cars. (Of this equip. 9 motor and 8 other cars are owned by the Lewiston & Youngstown Frontier Ry. Co.)

59

724a—Niagara Junction Ry. Co.—(Operates wholly within Niagara Falls and Town of Niagara—switching road only)

Pres. Paul A. Schoellkopf, Niagara Falls

V. Prests. { C. P. Hugo Schoellkopf, Niagara Falls

Gen. Mgr. Morris Cohn Jr. " "

Sec. F. L. Lovelace..... " "

Treas. W. Paxton Little

Supt. & Engr. Maintenance

R. V. Rose..... " "

Pur. Agt. C. M. Saxe..... " "

Energy purchased from Niagara Falls Pwr. Co.; 2300 v. 2 ph. 25 cys; 2 West. transf. tot. 800 kw; 1 rot. conv. West. 750 kw; trolley volt. 600 v.

19.67 miles; 4-8½ g; 3 elec. locos. ★79

NORTHPORT. 2,096.

725—The Northport Traction Co.—Office, Penna. Sta., New York. (Controlled by The Long Island R. R. Co) (Connects Northport and Northport Village.)

Pres. A. J. County...Philadelphia, Pa.

V. Pres. C. L. Addison.....New York

Sec. Wm. F. Brown..... "

Treas. Geo. A. Walker.....Philadelphia

Comp. C. M. Bunting..... "

Asst. Comp. F. J. Fell, Jr... "

Supt. Alvah Seaman.....Far Rockaway

Gen. Pass. Agt. H. M. Smith.....New York

Pur. Agt. H. B. Hodges..... "

Claim Agt. W. H. Mahler..... "

Supt. of Teleg. & Elect. L. S. Wells, "

Ch. Engr. of Elec. Trac., George Gibbs, "

Eng. M. of W.

E. M. Weaver.....Jamaica, N. Y.

Gen. Real Estate Agt.

T. W. Hulme.....Philadelphia

Energy purchased from Long Island Ltg. Co., trolley volt. 575 v.

Repair shop at Morris Park, L. I.

2.74 miles; 4-8½ g; 5 motor cars and 1 other car. ★59

OGDENSBURG. 15,933.

726—Ogdensburg St. Ry. Co.—Office, 1 Ford St.

Pres. F. A. Stoughton.....Potsdam

Sec. & Treas. Paul B. Murphy,.. "

Mgr. J. M. Dally..... "

Power sta. equip. 1 d. c. gen. 150 kw; 400 hp. e. —; 250 hp. b. —,

Power sta. at cor. of Lake & River Sta.; repair shops at New York Ave.

10 miles; 4-8½ g; 18 motor pass. cars, 1 trail car, 1 snow plow and 1 sweeper. ★59

OLEAN. 18,000 (1915).

727—Western New York & Penna. Trac. Co.—Office, 142 N. Union St. (Controls Shinglehouse R.R.) (Connects the following: Olean, Portville, Cera, Little Genesee, Bolivar and Allegany, N. Y. and Bradford, Lewis Run, Clarkdale, Derrick City and Gillmor, Pa. and Knapps Creek, Rock City, Olean, Vandalia, Carrollton, Salamanca and Little Valley, N. Y.)

Pres. W. R. Page.....Olean

V. Pres. & Treas. Jos. B. Mayer...New York

Sec. J. P. Quigley.....Salamanca

Audr. B. D. Nobles.....Olean

Gen. Mgr. I. W. Miller..... "

Gen. Fgt. & Pass. Agt. &

Park Mgr. W. P. Bailey..... "

{ N. W. McConless

Div. Supts. { Bradford, Pa

{ A. C. Sloan.....Salamanca

Elec. Engr. & M. M. W. K. Page...Olean

Engr. Pwr. Sta. H. C. Furniss..... "

Pwr. sta. equip. 4 a. c. G. E. tot. 1800

kw. 3 ph. 25 cys; 2370 hp. e. (gas) Westg.

Snow; trans. volt. 19,100 v; trolley volt. 600 v.

Power sta. at Ceres and repair shops at

Olean and 264 Congress St., Bradford.

Owns Riverhurst Park. Controls Rock

City Park and reaches Edgewood, Hamilton

and Country Clubs.

99.8 miles; 4-8½ g; 55 motor, 20 fgt.

and 8 other cars; 5 service cars and snow

plows. (Has fgt. and exp. service.) 118

ONEIDA. 8,317.

728—New York State Rys. (Oneida Lines).—Office, 325-329 Main Street, Utica, N. Y. (Operates by lease the Elec. Div. of the Westshore Ry. between Utica and Syracuse, 44 miles.) (Connects Syracuse, Kirkeville, Canastota, Oneida, Clark Mills, New York Mills and Utica.) Also see Rochester.

Pres. J. F. Hamilton.....Rochester

V. Pres. B. E. Tilton.....Utica

Gen. Supt. J. E. Duffy..... "

Supt. I. H. McEwen..... "

Claim Agt. J. S. Kubu..... "

Gen. Pass. Agt. C. R. Gowen..... "

Gen. Exp. Agt. F. W. Watts

LaFayette St. & Broadway, "

Audr. J. M. Joel.....Rochester

Pur. Agt. P. J. Honold..... "

Engr. Way & Structures

H. G. Throop..Gridley Bldg., Syracuse

Ch. Engr. C. L. Cadle.....Rochester

Elec. Engr.

H. E. Davis...Gridley Bldg., Syracuse

M. M. C. S. Crable.... " "

Supvr. of Schedules

M. J. Sarris..... " "

Supt. of Equip., J. F. Uffert...Rochester

Energy purchased from Adirondack

Elec. Pwr. Corp; trans. volt. 60,000 v;

trolley volt. 620 v.

Repair shops at Utica Park, Utica, and

Wolf St., Syracuse.

117.981 miles operated (12.88 owned),

(overhead and 3rd rail); 4-8½ g; 23 pass.

2 trail., 4 service and 2 exp. cars; 3 snow

plows. ★69

ONEONTA. 10,474 (1914).

(See No. 689.)

OSSINING. 11,480.

729—Hudson River & Eastern Trac. Co.—Office, Croton Ave. (Operates in Ossining.)

Pres. O. G. Bennett.....Ossining

V. Pres. Winfield Post.....Ossining
 Sec. H. D. Swain..... "
 Asst. Sec. J. A. Byrne,
 14 Wall St., New York, N. Y.
 Treas. & Gen. Mgr.
 Wilder L. Stratton.....Ossining
 Asst. Treas. C. Edw. Hallet .. "
 Energy purchased from Northern West-
 chester Ltg. Co.
 2.81 miles; 5 motor and 1 other car. 79

OSWEGO. 25,426.

730 — Empire State R. R. Corpn.
 (Oswego City Div.)—For officers see
 Syracuse.
 Energy purchased from Niagara, Lock-
 port & Ontario Pwr. Co.; trolley volt. 600
 v; repair shop at Oswego.
 Reaches an amusement park at Oswego
 Beach.
 10.15 miles; 4-8½ g; 21 pass. and 4
 other cars. 59

PATCHOGUE. 4,506.

731—Suffolk Trac. Co.—Office, 230
 W. Main St., Patchogue. (Connects
 Patchogue, Holtsville, Blue Point, Bat-
 port and Sayville; will extend to Py-
 Jefferson and Brookhaven.)
 Pres. Thos. L. Hughes,
 120 Broadway, New York
 Sec. & Treas. J. H. Bennington,
 85 Clinton St., Brooklyn
 Gen. Mgr. & Ch. Engr., J. C. Brackenridge,
 95 Liberty St., New York
 Supt. R. A. Newton..... Patchogue
 Energy purchased from Patchogue Elec.
 Lt. Co.; repair shops at Patchogue.
 23.97 miles projected; 11.61 miles in oper-
 ation; 4 8½ g; 4 cars (storage battery). 118

PEEKSKILL. 15,502.

732—Peekskill Lighting & R. R.
 Co.—Office, 125 Main St., Ossining
 (Operates Putnam & Westchester Trac
 Co's. road, Peekskill to Oregon.) (Con-
 nects Peekskill with Lake Mohegan
 Verplanck Point and Buchanan.)
 Pres. F. A. Stratton.....Mt. Vernon
 Sec. B. W. Stillwell..... "
 Treas.

R. A. Carter, 130 E. 15th St., New York
 Asst. Treas. { O. G. Bennett...Ossining
 { H. D. Swain.... "
 Asst. Gen. Mgr. I. M. Beatty.... "
 Supt. Charles Le Clair Peekskill
 Ch. Elec. Engr. W. C. Fisher... "
 Engr. Pwr. Sta. C. L. Woods... "
 Roadmaster, C. J. Stillwell..... "
 Power sta. equip. 2 d. c. Westg. tot. 300
 kw; 5 a. c. Westg. tot. 525 kw. 2 ph. 60
 cys; 1100 hp. e. Westg; 600 hp. b. Big;
 trolley volt. 550 v.

Power sta. at Water St.; repair shop
 at E. Main St., Peekskill.
 Reaches Electric and Shady Lake Parks.
 10.64 miles; 4-8½ g; 23 motor and 4
 other cars, 2 snow plows. (Company fur-
 nishes lighting and power for stationary
 motors; also owns gas plant.) ★59

733—Putnam & Westchester Trac.
 Co.—Office, 1020 Main St., Peekskill.
 (Connects Peekskill & Oregon.) (Oper-
 ated by Peekskill Ltg. & R. R. Co.)
 Pres. Geo. E. McCoy.....Peekskill
 V. Pres. Frank M. Dain..... "
 Sec. H. D. Swain..... Ossining
 Asst. Treas. Charles Le Clair... Peekskill
 Gen. Mgr. Stuart Wilder.....Ossining
 Asst. Gen. Mgr. I. M. Beatty... Peekskill
 Car service furnished under agree-
 ment with Peekskill Ltg. & R. R. Co.
 4.354 miles; 4 8½ g. ★59

PENN YAN. 4,597

734—Penn Yan & Lake Shore Ry.—
 Office, 115 Elm St. (Successor to Penn
 Yan, Keuka Park & Branchport Ry. Co.)

(Connects Branchport, Bluff Point and
 Keuka Park with Penn Yan.)
 Receiver William J. Tylee....Penn Yan
 Pres. Geo. E. Tylee,
 Summer St., Boston, Mass.
 V. Pres. Clinton Huributt... Branchport
 Treas. W. H. Tylee
 48 Hanover St., Boston, Mass.
 Elec. Engr. & M. M.
 Carl Ayers.....R.F.D. Penn Yan
 Ch. Engr. Pwr. Sta.,
 Jacob Darnsleadt.....Keuka Park
 Power sta. equip. 2 d. c. Walker, tot. 300
 kw; 500 hp. e. Slater; 500 hp. b. Dillon;
 trolley volt. 525 v.
 Power sta. and repair shop at Park
 Landing, N. Y.
 Owns and controls Electric Park.
 10 miles; 4-8½ g; 6 motor pass. and 1
 other car; 2 elec. locos. ★59

PLATTSBURGH. 11,138

735 — Plattsburgh Traction Co.—
 Office, 3 Bridge St. (Connects Platts-
 burgh and Bluff Point, Cliff Haven and
 Plattsburgh Barracks.)
 Pres. L. F. Loree, 32 Nassau St, New York
 { W. H. Williams,
 { 32 Nassau St., "
 V. Prests. { H. B. Weatherwax....Albany
 { Asst. to Pres.
 { W. B. Schofield,
 { 32 Nassau St., New York
 Sec. F. M. Olyphant " "
 Treas. & Gen. Mgr.
 H. L. Barber.....Plattsburgh
 Audr.
 D. L. Waters, ... 598 Broadway, Albany
 Atty. W. L. Pattison.....Plattsburgh
 Compt.
 W. E. Eppler 32 Nassau St., New York
 Supt. P. F. Geary... Plattsburgh
 Ch. Engr. James MacMartin.... Albany
 Roadmaster, Jas. Bresette... Plattsburgh
 Energy purchased from Plattsburgh Gas
 & Elec. Co; trolley volt. 550 v.
 Repair shop at Plattsburgh.
 7.53 miles; 4-8½ g; 13 motor and 2
 other cars. ★59

PORT BYRON. 1,123.

(See Nos. 749 and 750a.)

PORT CHESTER. 15,189.

736—New York & Stamford Ry.
 Co.—Offices, 481 Morris Park, New
 York, N. Y., and New Haven, Conn.
 (Owned by the New York, New Haven
 & Hartford R. R.)
 Pres. L. S. Miller.....New York
 V. Pres. Howard Elliott..... "
 Sec. & Treas.
 A. E. Clark.....New Haven, Conn.
 Audr. C. L. Nagle.....New York
 Gen. Supt. P. W. J. Smith..... "
 Local Mgr. J. H. Calhoun... Port Chester
 Pur. Agt. G. M. Spidell, Jr.... New York
 Claim Agt. F. E. Lyons Port Chester
 Gen. Fgt. & Pass. Agt.
 F. H. Richtmyer.....New York
 M. M., J. E. S. Cain.....Portchester
 Roadmaster, S. M. Berriam. . . "
 Supvr. Ovhd. Constr.
 Wm. Dunham..... "
 Energy purchased from N. Y. N. H. &
 H. R. R.; trans. volt. 11,000 v. 3 ph. 25 cys;
 8-500 kw. West. rot. conv. 6 ph. 25 cys;
 trolley volt. 600 v.
 Sub-sta. and repair shop at Port Chester.
 Reaches Rye Beach.
 37.675 miles; 4-8½ g; 88 motor pass.
 and 9 other motor cars. ★59

PORT JERVIS. 9,564.

737 — Port Jervis Traction Co.—
 Office, 123 Pike St. (Successor to Port
 Jervis Elec. Lt., Pwr., Gas & R. R. Co.)

railway business.) (Connects Port Jervis and Sparrow Bush.)
 Pres. Geo. H. Stephenson
 Land Title Bldg., Philadelphia, Pa.
 Sec. M. F. Maury..... " "
 Treas. C. C. Corwin..... Middletown
 Supt. Chas. C. Wagner..... Port Jervis
 M. M. E. W. Moore..... " "
 Energy purchased; trolley volt. 550 v.
 Reaches and owns an amusement park.
 9.935 miles; 4-8½ g; 5 motor pass. cars
 and sweeper. ★59

POUGHKEEPSIE. 32,714.

(See also No. 663.)

738—Poughkeepsie & Wappingers Falls Ry. Co.—Office, 493 Main St. (Successor to Poughkeepsie City & Wappingers Falls Elec. Ry. Co.) (Leases Hospital branch of Central New England R. R. Connects Poughkeepsie and Wappingers Falls.)

Pres.
 Mrs. Mary M. Hinkley... Poughkeepsie
 V. Pres. Miss Mary Hinkley " "
 Sec. T. W. Moffatt..... New York
 Asst. Sec. & Treas. H. Brown.. " "
 Andr. J. A. Nilan..... Poughkeepsie
 Oper. Mgrs. J. G. White Management
 Corpn..... 43 Exchange Pl., New York
 Local Mgr. Chas. A. Brooks Poughkeepsie
 M. M. A. Mather..... " "
 Energy purchased from Central Hudson
 Gas & Elec. Co.; 2 300 kw. rot. conv;
 trans. volt. 550 v; trolley volt. 600 v.
 Repair shop and car barn at 493 Main St.
 18 miles; 4-8½ g; 27 motor cars. 118

RENSELAER. 11,210.

(See Nos. 621 and 622.)

RIPLEY. 1,000.

(See No. 632.)

ROCHESTER. 248,465 (1915).

(See also No. 750a.)

739—Rochester, Lockport & Buffalo Ry R. Corpn.—(Successor to Buffalo, Lockport & Rochester Ry. Co. Address P. O. Box 1010. (Connects Rochester, Spencerport, Adams Basin, Brockport, Holley, Hulberton, Albion, Knowlesville, Medina, Middleport, Gasport and Lockport, and makes direct connection with International Ry. for Niagara Falls and Buffalo.)

Pres E. R. Wood
 26 King St., E., Toronto, Ont.

V. Pres.
 A. S. Muirhead. " " "
 Sec., Treas. & Gen. Mgr.
 W. W. Foster..... Rochester
 Andr. Charles Evans..... " "
 Supt., Gen. Fgt. & Pass. Agt.
 J. D. Nailor..... " "
 Pur. & Claim Agt., H. J. Vesburgh " "
 Supt. & Pur. Agt. A. J. Sprague " "
 Roadmaster Helmer Snow..... Albion
 M. M. H. A. Ferry..... " "
 Supt. Power, A. J. Sprague..... " "

Energy purchased from Niagara, Lockport & Ontario Pwr. Co. trans. 60,000 v; trolley volt. 620 v.
 Repair shop at Gates.
 58.20 miles; 4-8½ g; 20 motor pass., 13 exp. motor, 1 fgt. and 13 other cars; 2 snow plows. ★59

740—Erie R. R. Co. (Rochester Elec. Div.)—Operates between Rochester, Avon, Geneva and Mt. Morris, 34 miles.

Supt. A. B. Caldwell..... Rochester
 Pur. Agt.
 W. R. Collins, 50 Church St., New York
 Supvr. Elec. Serv.
 R. C. Thurston..... Avon
 Elec. Engr.
 G. Eisenhauer..... Jersey City, N. J.

M. M., F. Tuma..... Avon
 Energy from Niagara Falls over the lines of the Niagara, Lockport & Ontario Pwr. Co.

Sub-sta. at the "y" in Avon with 3-750 kw. 60,000 to 11,000 v. transf. s. ph. system.
 Repair shops at Avon.
 34 miles; 4-8½ g; 8 motor cars. ★59

741—New York State Rys. (Rochester Lines).—Office, 267 State St. (Controls through stock ownership the Rochester Elec. Ry. Co. and Ontario Lt. & Trac. Co.) (Connects Pittsford, Bushnells Basin, Fishers, Victor, Merntensia, Hathaways, Padelfords, Canandaigua, Hopewell, Seneca Castle and Geneva, W. Webster, Webster, Union Hill, Fruitland, Ontario Centre, Ontario, Williamson, E. Williamson, Sodus, Wellington, Sodus Pt., Sea Breeze, Summer-ville, Windsor Beach and Charlotte.)

Pres. J. F. Hamilton..... Rochester
 Asst. to Pres. Wm. F. Stanton... " "
 Gen. Counsel Harris Beach.... " "
 Sec. J. C. Collins..... " "
 Asst. Sec. H. L. Reichart..... " "
 Treas. M. S. Barger " "
 Grand Central Terminal, " "
 Asst. to Gen. Mgr., J. W. Hicks " "
 Gen. Andr. J. M. Joel..... " "
 Supt. Transp. City Lines " "
 R. R. Hadwell..... " "
 Asst. Supt. of City Lines " "
 B. C. Amesbury..... " "
 Supt. Transp. Interurban Lines, " "
 M. D. Kilbride..... " "
 Supt. Equip. J. F. Ufert..... " "
 Claim Agt. R. E. McDougall... " "
 Gen. Fgt. & Pass. Agt. " "
 B. E. Wilson..... " "

Supvr. Schedules
 Herman E. Hicks..... " "
 Pur. Agt. P. J. Donald..... " "
 Asst. Pur. Agt. A. Ogilvie..... " "
 Ch. Engr. C. L. Cadle..... " "
 Engr. Ways & Struct. H. A. Abell " "
 Office & Field Engr. L. R. Brown " "
 Elec. Engr. F. McVittie..... " "
 M. M. H. C. Kaercher..... " "

Power sta. equip 4 a. c. G. E. tot. 1900 kw. 390 v. 25 cya; 3000 hp. e. Williams, Allis-C. 2090 hp. b. B. & W; trans. volt. 11,000-16,500 v; trolley volt. 575-650 v.
 Energy also purchased from Rochester Ry. & Lt. Co.

3 sub-stas. (1 auto. cont.) tot. cap. 300-1000; 16 rot. conv.

Power sta. at Float Bridge, Town of Irondequoit and Canandaigua.

Repair shops at Rochester.
 Reaches Ontario Beach, Sea Breeze, Sodus Bay and Glen Haven Parks.

251.43 miles; 4-8½ g; 418 motor pass., 25 trail pass., 7 express motor, 3 fgt., 50 other motor and 53 other cars. ★69

742—Rochester & Manitou R. R. Co.—Office, Granite Building.

Pres. H. W. Wedel
 209 Powers Bldg., Rochester
 1st V. Pres. D. Hyman, Hudson St., Buffalo
 2d V. Pres. A. J. Townsend
 250 Main St. E., Rochester
 Sec. & Treas. K B Castle..... " "
 Supt. Pur. Agt. & Engr Way " "
 & Equip. Geo. M. Wegman... Charlotte
 Energy purchased from Rochester Ry. & Lt. Co; trolley volt. 550 v. d. c.
 Repair shop at Charlotte.
 Reaches Manitou Beach Park.

7.25 miles; 4-8½ g; 6 motor and 9 other cars (Operates only during summer.)
 59

ROCKVILLE CENTRE. 5,223 (1915).

(See No. 649.)

ROSLYN. 1,800.

743—The New York & North Shore Trac. Co.—Office, Roslyn. (Connects Hicksville, Westbury, Mineola, East Williston, Roslyn, Port Washington, Manhasset, Great Neck, Little Neck, Douglaston, Bayside, Flushing and Whitestone.)

Pres. Geo. A. Stanley.....Roslyn
V. Pres. Elmer G. Story.....Bayside
Sec., Gen. Mgr. & Pur. Agt.

John G. Moran.....Roslyn
Treas. Geo. F. Schofield,
Schofield Bldg., Cleveland, O.

Supt. Ernest W. Wolf.....Roslyn
Claim Agt. Benjamin R. Duff.....
Ch Engr. Pwr. Sta.

George Gay.....Douglaston
M. M., Chester A. Kinsey.....Roslyn
Power sta. equip. 4 d.c. Westg. tot. 1200 kw; 2 a. c. Westg. tot. 2000 kva., 6600 v. 3 ph 25 cys; 3 000 hp. e. Westg; 1200 hp. b. Bab. & W; 2000 kw. turb. (stm. Westg; trans. volt. 8600 v; trolley volt. 600 v.

Powersta. at Little Neck Bay (No P.O.); repair shops at Roslyn and Flushing.
38.12 miles; 4-8½ g; 19 motor and 3 other cars. ★59

Energy purchased from General Electric Co.; trans. volt. 10,000 v; trolley volt. 600 v. Repair shop, Church & Fuller Sta. Owns Brandywine Park, Schenectady, and Forest Park on Ballston Lake. 139.67 miles; 4-8½ g; 201 motor and 33 other cars. ★59

SEA CLIFF, L. I. 1,981

746—The Nassau County Ry. Co.—Office, Penna. Sta., New York. (Extends from Sea Cliff R. R. Sta. to Prospect Ave., Sea Cliff.) (Controlled by The Long Island R. R. Co.)

Pres. A. J. County.....Philadelphia, Pa.
V. Pres. C. L. Addison.....New York
Sec. Wm. F. Brown.....

Treas. Geo. A. Walker, Philadelphia, Pa.
Compt. C. M. Bunting.....
Supt. Alvah Seaman.....Far Rockaway
Gen. Real Estate Agt.

Thos. W. Hulme.....Philadelphia, Pa.
Energy from The L. I. R. R. Co.; trolley volt. 2200 v.
1.60 miles; 4-8½ g; 3 motor cars. ★79

SENECA FALLS. 7,018.

747—Geneva, Seneca Falls & Auburn R. R. Co., Inc.—Office, Waterloo. (Connects Geneva, Waterloo and Seneca Falls.)

Pres. R. R. Quay,
1423 Farmers Bk. Bldg. Pittsburg, Pa.
V. Pres. Murray Gibson, Philadelphia, Pa.

Sec. L. G. Hoskins.....Geneva
Treas. Supt. Claim & Pur. Agt.
W. A. Shirley.....Waterloo

Andr. Thos. H. Werry, Jr.,
1422 Farmers Bk. Bldg., Pittsburg, Pa.
M. M., John Jensen.....
Roadmaster, M. Dolan.....

Asst. Supt., Elec. Engr. & Engr.
Ovhd. Cons. C. D. Skuse.....Waterloo
Energy purchased from Empire Gas & Elec. Co., Waterloo; trolley volt. 600 v.

Repair shops at Waterloo.
Owns and operates Cayuga Lake Park. 17.489 miles; 4-8½ g; 10 motor and 4 other cars. 79

STAPLETON, S. I.

See Borough of Richmond,
New York City.

SYRACUSE. 145,237 (1915).

(See also No. 623a.)

749—Empire State R. R. Corpn.—Office, Lakeland nr. Syracuse. (Incorporated to take over part of the Empire United Railways, Inc., sold under foreclosure. Comprises the Syracuse, Lake Shore & Northern and Auburn & Northern lines. Operates an interurban line connecting Syracuse, Baldwinsville, Phoenix, Fulton, Minetto and Oswego (37.8 miles), city lines in Fulton (0.6 miles), city lines in Oswego (10.15 miles), interurban line connecting Auburn and Port Byron (7.62 miles) and city lines in Auburn (1.42 miles), making a total route mileage of 57.59.

Pres. ————Syracuse
V. Pres. & Gen. Mgr., J. C. Nelson, "
Sec. & Comptr.

S. C. Stivers, 115 Broadway, New York
Treas. & Pur. Agt., H. J. Clark, Syracuse
Audr. J. H. Yoder.....

Asst. Sec. H. C. Beatty.....
Asst. Treas. J. B. Hyland.....
Supt. J. E. Mottisiff.....
Claim Agt. N. Abelson.....

Gen. Fgt. & Pass. Agt.
Miss P. J. Kellev.....
M. M., Frank Wade.....

Energy purchased from Niagara, Lockport & Ontario Pwr. Co; trans. volt. 83 000 v; trolley volt. 650 v.

SARANAC LAKE. 5,500 (1915).

744—Paul Smith's Elec. Lt. & Pwr. & R. R. Co.—Office, 29 Main St., Saranac Lake. (Connects Clear Lake Junction on N. Y. C. R. R. to Paul Smith's Hotel.)

Pres. & Sec. Paul Smith.....Paul Smith's
V. Pres. J. M. Cantwell.....Malone
Treas. Phelps Smith.....Paul Smith's
Acct. W. J. Richardson.....Saranac Lake
Gen. Mgr. P. A. Gould.....

Power sta. equip. 4 a. c. G. E. Stan. tot. 3000 kw. 2300 v. 3 ph. 60 cys; 4500 hp turb. (wtr.) S. & B. Smith; trans. volt. 22,500-45,000 v. 3 ph; trolley volt. 5,000 v. Union Falls Plant—1 a. c. G. E. 1200 kw. 2300 v. 3 ph; 2500 hp. wtr. wh. Risd.-Alcott.

Franklin Falls Plant—1 a. c. G. E. 1165 kw. 2300 v. 3 ph; 1750 hp. wtr. wh. Leffell. Saranac Lake Plant—2 a. c. Stanley tot. 290 kw. 2300 v; 450 hp. wtr. turb. Victor. Keese Mill Plant—1 a. c. G. E. 120 kw. 5500 v; 200 hp. wtr. wh. Smith.

7.66 miles (s. ph. catenary); 4-8½ g; 1 motor pass. car and 3 other cars. (Furnishes ltg. & Pwr. in Saranac Lake, Paul Smith's, Bloomingdale, Lake Clear, Gabe riefs, Rainbow, Lake Placid and Au Sabll Fork.) ★9-

SARATOGA SPRINGS. 12,693.

(See No. 646.)

SCHENECTADY. 100,000 (1918).

745—Schenectady Ry. Co.—Office, 512 State St., Schenectady. (Connects Warrensburg, Lake George, Glens Falls, Saratoga, Ballston Spa, Ballston Lake, Troy, Albany, Watervliet, Niskayuna, Karner, West Albany and Schenectady.)

Pres. H. B. Weatherwax.....Albany
V. Pres. J. F. Hamilton.....Rochester
Sec. Treas. & Pur. Agt.

J. H. Altkin.....Schenectady
Gen. Audr. J. C. Collins.....Rochester
Gen Mgr. James P. Barnes...Schenectady
Ch. Clerk to Gen. Mgr.

E. F. Kelley.....
Audr. F. E. Belleville.....
Supt. Transp. W. S. Hamilton.....
Claim Agt. D. F. Linnehan..

Gen. Pass. Agt.
C. J. Witherwax.....
Gen. Exp. Agt. Frank Walsh..
Supt. Pwr. F. Palmatier....

M. M., F. J. Doyle.....
Engr. M. of W.. B. Penoyer..
Supt. Ovhd. Constr. L. Trudeau

Roadmaster, A. J. Crane....

4 sub-stas, tot. cap. 2900 kw. supply the Syracuse-Oswego, Fulton and Oswego City Divisions; Auburn-Port Byron Div. is supplied through sub-station of N., L. & O. Pwr. Co.

Repair shops at Lakeland (near Syracuse).

Reaches Long Branch, Syracuse. 83.92 miles (overhead single trolley and catenary); 4-8½ g; 50 interurban pass., 7 trail., 3 exp., 1 fgt., 2 work and 6 miscellaneous cars; 4 snow plows; 2 sweepers. ★59

750—New York State Rys. (Syracuse Lines).—Office, Gridley Bldg. (Operates the East Side Traction Co.) (Connects Syracuse, East Syracuse, Minoa, Liverpool, Solvay & Rockwell Springs.) For executive officers see Rochester.

Pres. J. F. Hamilton.....Rochester
V. Pres. & Gen. Mgr.

B. E. Tilton.....Syracuse
Asst. to Pres. W. F. Stanton....
Sec. J. C. Collins.....
Asst. Sec., H. L. Reichart.....New York
Treas. M. S. Barger.....

Grand Central Terminal, "

Gen. Supt. J. E. Duffy.....Syracuse
Supt. Wm. E. Holstock.....
Supt. of Transp. F. R. Latta...
Supt. of Equip. J. F. Uffert...Rochester
Claim Agt. A. D. Brown.....Syracuse
Gen. Pass. Agt. C. R. Gowen...
Gen. Exp. Agt. F. W. Watts

Lafayette St. & Broadway, Utica

Gen. Audr. J. M. Joel.....Rochester
Pur. Agt. P. J. Honold.....
Ass't Pur. Agt. A. Ogilvie.....
Ch. Engr. C. L. Cadle.....
Elec. Engr. H. E. Davis.....Syracuse
Engr. Way & Structures

H. G. Throop.....
Asst. Engr. Way & Structures

H. E. Bean.....
Supvr. of Schedules M. J. Sargis...
M. M., C. S. Crable.....
Roadmaster, J. T. Hogan.....

Energy purchased from the Niagara Lockport & Ontario Pwr. Co; trans. volt. 60,000-11,000 v; 6000 kw. rot. conv; trolley volt. 625 v.

Sub-sta. at Tracy & Townsend Sts; repair shop at Wolf & 5th North Sts.

95.63 miles; 4-8½ g; 231 motor pass. 1 express motor, 29 other motor and 6 other cars; 1 elec. loco. ★69

750a—Rochester & Syracuse R. R. Co., Inc.—P. O. Box 51, Syracuse. (Incorporated as successor to Rochester, Syracuse & Eastern R. R., formerly part of the system of the Empire United Railways, Inc., sold under foreclosure. Connects Rochester, E. Rochester, Fairport, Egypt, Macedon, Palmyra, Port Gibson, Newark, Lyons, Lock Berlin, Clyde, Savannah, Montezuma, Port Byron, Weedsport, Jordan, Memphis, Warner, Amboy, Belle Isle and Syracuse.) (Under management of Peck, Shannahan, Cherry, Inc.)

Pres. A W. Loasby.....Syracuse
V. Pres. & Gen. Mgr.

T. C. Cherry.....
Sec. M. V. White.....
Audr. Treas. W. K. Zinmeister...
Supt. A. P. Norris.....Newark
Claim Agt. R. S. Messenger.....Syracuse
Gen. Fgt. & Pass. Agt.

H. C. Stanton.....
Pur. Agt. John H. Hickey.....
Ch. Engr. D. E. Crouse.....Newark
Gen. Shop Frmn. C. Fleck.....

Energy purchased from Niagara Lockport & Ontario Pwr. Co.; trans. volt. 33,000 v, 25 cys; 17 rot. conv. West. tot. 7760 kw; trolley volt 650 v.

Repair shops at Newark. 158.52 miles; 4-8½ g; 24 motor pass., other motor and 14 other cars. ★59

751—Syracuse & Northern Elec. Ry., Inc.—Office, 500 Syracuse Savings Bank Bldg. (Acquired the properties of Syracuse & South Bay Elec. R. R. Co. and Syracuse, Watertown & St. Lawrence River R. R. Co.) (Connects Syracuse, No. Syracuse, South Bay, Cicero and Brewerton.) (Under management of Peck, Shannahan, Cherry, Inc.)

Pres. & Gen. Mgr., T. C. Cherry...Syracuse
V. Pres. & Treas. W. J. Harvie...
Sec., H. C. Beatty.....
Audr. W. K. Zinmeister.....
Supt. M. C. Saperwein.....
Claim Agt. E. I. Edcomb.....

Energy purchased from Niagara, Lockport & Ontario Pwr. Co; trans. 33,000 v; trolley volt. 600 v.

1 sub-sta.; 2 rot. conv.

Repair shops at No. Syracuse.

Owens 300 acres of lake frontage at South Bay (through ownership of the Onedda Lake Terminal Co.) and amusement grounds, on Frenchman's and Dunham's Islands at Onedda Lake.

32.91 miles; 4-8½ g; 6 motor pass., 4 trail pass., 2 express motor and 5 other cars. ★59

752—Syracuse & Suburban R. R. Co.—Office, 505 Vinney Bldg., Syracuse. (Connects Syracuse, Orville, Fayetteville, Manlius and Edwards Falls; branch also to Jamesville.)

Pres. John J. Stanley.....Cleveland, O.

V. Prests. { Wm. P. Gannon,
O. C. S. Bk. Bldg., Syracuse
Gen. Mgr.,

C. Loomis Allen...Syracuse

Sec. & Claim Agt. W. H. Michell

O. C. S. Bk. Bldg., "

Treas. A. C. Fobes, Gurney Bldg. "

Audr. G. W. Avery.....

Power sta. equip. 2 d. c. G. E. tot. 350 kw; 500 hp. turb. (wtr.) Leffel; trolley volt. 600 v.

Power sta. (water) and repair shop at Edwards Falls (No P. O.).

Owens amusement parks at Edward Falls and Jamesville.

18.52 miles; 4-8½ g; 25 motor cars and 1 other car. ★59

753—Peck, Shannahan, Cherry, Inc.—Offices, 412-413-414 Syracuse Saving Banks Bldg., Syracuse, and 807 Maryland Trust Bldg., Baltimore, Md. (Operates Maryland Elec. Rys., Annapolis; Auburn & Syracuse Elec. R. R. Co., Auburn, N. Y.; Rochester & Syracuse R. R. Inc.; Syracuse Northern Elec. Ry. Inc.; and Newport News & Hampton Ry., Gas & Elec. Co., Hampton, Va.)

Pres. J. N. Shannahan....Hampton, Va.

V. Prests. { Edward F. Peck

T. C. Cherry.....Syracuse

Sec. & Treas. Milford Badgero... ★59

TROY. 76,813.

(See also No. 622.)

754—Troy & New England Ry. Co.—Office, 598 B'way, Albany. (Connects Albia, West Sand Lake and Averill Park.)

Pres. L. F. Loree

89 Nassau St., New York

W. H. Williams

89 Nassau St., New York

V. Prests. { H. B. Weatherwax....Albany

W. B. Schofield

89 Nassau St., New York

Treas. C. A. Hoag.....Albany

Audr. D. L. Waters.....

Compt.

W. E. Eppler...89 Nassau St., New York

Gen. Mgr. A. E. Reynolds.....Albany

Supt. A. S. Crable.....Albia, Troy

Engr. Pwr. & Lines, C. E. Fasoldt, Albany
Engr. M. of W., A. C. Brennan... "
M. M., Ernest Murphy... "
Atty. John MacLean... "
 Energy purchased from United Trac. Co.;
 2 d. c. West. tot. 300 kw; 500 hp. e.
 West; 525 hp. b. Man.
 Power sta. at West Sand Lake; repair
 shop at Albion.
 Reaches Averill Park.
 9.146 miles; 4-8½ g; 10 motor and 12
 other cars. ★79

UTICA. 60,589 (1915).

(See also No. 728.)

755—New York State Rys. (Utica
Lines).—Office, 325-329 Main St.,
 (This company is a consolidation by
 purchase and merger of the Utica
 Belt Line St. R. R., Utica Suburban
 Ry., Utica & Mohawk R. R., Deerfield
 & Utica R. R., Frankfort & Utica St.
 Ry., and Herkimer, Mohawk, Ilion &
 Frankfort Elec. Ry., and Rome City St.
 Ry. Co.) (Connects Rome, Oriskany,
 Whitesboro, New York Mills, Yorkville,
 Utica, New Hartford, Capron, Clinton,
 Frankfort, Ilion, Mohawk, Herkimer
 and Little Falls.) Also see Rochester.

Pres. J. F. Hamilton... Rochester
V. Pres. & Gen. Mgr., B. E. Tilton... Utica
Sec. J. C. Collins... Rochester
Treas. M. S. Barger

Grand Central Terminal, New York
Supt. Jno. Jones... Utica
Claim Agt. J. S. Kubu... "
Gen. Pass. Agt. C. R. Gowen... "
Gen. Fgt. Agt. F. W. Watts

Lafayette St. & Broadway, "
Gen. Andr. J. M. Joel... Rochester
Par. Agt. P. J. Honold... "
Ch. Engr. C. L. Cadle... "
Elec. Engr. H. E. Davis... Utica
Engr. W. & S. E. P. Roundy... "
Asst. Eng. W. & S. H. L. Pitner... "
Supvr. of Schedules, M. J. Sargis, Syracuse
Supt. Equip. J. F. Ufert... Rochester
M. M., H. S. Sweet... Utica
Roadmaster, R. W. Owens... "

Energy purchased from Adirondack
 Elec. Power Corp; trans. volt. 17,000 v;
 trolley volt. 650 v.

Repair shop at Utica Park.
 Owns Summit Park and Utica Park
 (leased).

130.16 miles; 4-8½ g; 180 motor pass.,
 6 trail pass., 7 express, 21 other motor
 and 9 other cars; 1 elec. loco. ★69

WARRENSBURG, 8,100 (1915).

(See No. 646.)

WATERLOO. 4,343.

(See No. 747.)

WATERTOWN. 26,780.

756—Black River Traction Co.—
Office, 753 W. Main St. (Connects
Watertown, Glen Park, Brownville and
Dexter.)

Pres. Frank A. Lester... Newark, N. J.
V. Pres. Charles I. Taylor... New York
Sec. Delos M. Cosgrove... Watertown
Treas. Richard Klements... Newark, N. J.
Gen. Mgr., & Pur. Agt.

L. Schwerzmann... Watertown
 Power sta. equip. 8 d. c. Eager tot. 900
 kw; 300 hp. e. Straight; 800 hp. b. Fitzg;
 trolley volt. 550 v.

Power sta. and repair shop at Water-
 town.

12.6 miles; 4-8½ g; 13 motor and 3
 other cars; 2 sweepers. 59

WATKINS. 2,817.

(See No. 648.)

WAVERLY. 5,119.

(See also No. 642.)

757—Waverly, Sayre & Athens
Traction Co.—Office, Waverly. (Con-
nects Waverly, N. Y., and Sayre, Athens,
and So. Waverly, Pa.)

Pres. G. Tracy Rogers... Binghamton
V. Pres. J. H. Murray... Waverly
Secy. & Treas. H. Tracy Rogers Binghamton
Supt. & Pur. Agt. W. E. Case... Waverly
Claim Agt. E. L. Pickley... "
M. M., L. H. Vaught... "
Roadmaster, D. J. Spillane... "

Energy purchased from Sayre Elec. Co.
 Repair shop at Sayre, Pa.
 Reaches Keystone Park (operated by
 Interstate Amusement Co.)

11.92 miles; 4-8½ g; 20 motor and 8 other
 cars. 59

WEEDSPORT. 1,454.

(See No. 750a.)

WESTFIELD. 3,819.

(See Nos. 632, 655 and 657.)

WHITE PLAINS. 19,287 (1915).

758—Shore Line Elec. R. R. Co.—
Office, 481 Morris Park Av., New York
City. (Purchased the part of the Tarry-
town, White Plains and Mamaroneck
Ry. Co., from the intersection of
Mamaroneck Ave. and Boston Post
Road in the village of Mamaroneck,
south on the Boston Post Road to the
northeastern limits of Larchmont.)
 (Leased to and operated by the West-
 chester Street R. R. Co. of White
 Plains.)

Pres., L. S. Miller... New York
V. Pres.

J. M. Tomlinson... New Haven, Conn.
Sec. & Treas., A. E. Clark "

Andr., C. L. Nagle... New York
 1.466 miles; 4-8½ g. ★59

759—Westchester Street R. R. Co.
of White Plains.—Office, 481 Morri-
park Ave., New York City and 129
Church St., New Haven, Conn. (Con-
nects Mt. Vernon, Tarrytown, Mamar-
oneck, Silver Lake, Rosedale, Elms-
ford, Tuckahoe, Bronxville, White
Plains and Scarsdale.) (Leases and
operates Shore Line Electric Rail-
road Co.) (Controlled by N. Y., N. H.
& H. R. R. Co.)

Pres., L. S. Miller... New York
V. Pres.

Howard Elliott... New Haven, Conn.
Sec. & Treas., A. E. Clark "

Andr., C. L. Nagle... New York
Gen. Supt., P. W. J. Smith... "

Supt. W. G. Young... Portchester
Pur. Agt., G. M. Spidell, Jr... New York
Claim Agt., F. E. Lyons... White Plains

Gen. Fgt. & Pass. Agt.,
F. H. Richtmyer... New York

Supvr. Ovhd. Constr.,
Wm. Dunham... Portchester

M. M., J. E. S. Cain... "
Roadmaster, S. Berrian... "

Energy purchased from Westchester
 Ltg. Co.; trans. volt. 11,000 v. 3 ph. 25
 cys; trolley volt. 600 v.

Sub-sta. equip. 3 rot. conv. Westg. tot.
 1200 kw. 600 v. 6 ph. 25 cys. 25 hp. b.
 Beggs, Erie.

Sub-sta. and repair shop at White Plains.
 29.663 miles; 4-8½ g; 37 motor pass.
 cars and 1 other motor car. ★59

WILLIAMSVILLE. 1,272.

760—Buffalo & Williamsville
Elec. Ry. Co.—Office, Main St. (Con-
nects Buffalo and Williamsville.)

Pres. L. L. Lewis, Jr. Buffalo
 V. Pres., L. L. Grove Williamsville
 Sec. & Gen. Mgr. Godfrey Morgan. Buffalo
 Treas. L. K. Warnick "
 Power sta. equip. 2 d. c. G. E. tot. 400
 kw; 1 a. c. G. E. 150 kw. 600 v. 3 ph. 25
 cys; Cor. (stm.) leng. 200 hp. b. : energy also
 from Niagara Falls; trans. volt. 10,500-
 11,500 v; trolley volt. 600 v.
 Power sta. and repair shops at Williams-
 ville.
 6.65 miles; 4-8½ g; 8 motor cars. ★79

YONKERS. 95,000.

**761—Yonkers R. R. Co.—Office, Main
 St. & Buena Vista Ave., Yonkers. (Con-
 nects N. Y. City Subway and Elevated
 R. R Terminal, Mt. Vernon, Tuckahoe
 and Hastings.) (Controlled by the Third
 Ave. Ry. Co.)**
 Pres. Slaughter W. Huff
 2396 Third Ave., New York
 V. Pres. & Gen. Mgr.
 Leslie Sutherland Yonkers
 Sec. Shelton E. Martin
 2396 Third Ave., New York
 Asst. Sec. Walter C. Burrows " "
 Treas. A. D. Sage " "
 Actg. Audr. A. E. J. Tovey " "
 Claim Agt. L. F. Crumb Yonkers
 Supt. P. J. Donovan " "
 Pur. Agt. Chas Witzel.
 2393 Third Ave., New York
 Engr. M. of W. E. M. T. Ryder " "
 Elec. Engr. & Engr. of Ovhd. J. D. Kent,
 176th St. & Boston Rd., New York
 Energy purchased from Third Ave. Ry.
 Co.; trans. volt. 6000 v; trolley volt. 600 v
 Sub-sta. equip. 4 rot. conv. tot. 2500 kw.
 Repair shops at Bronx River Road.
 Yonkers.
 42.26 miles; 4-8½ g; 147 pass. and 14
 other cars. 78

YOUNGSTOWN. 570.

(See No. 724)

NORTH CAROLINA.

ASHEVILLE. 20,823 (1916).

**762—Asheville & East Tennessee
 R. R.—Office, Asheville.**
 Pres. J. G. Merriman Asheville
 V. Pres. Stanley Howland "
 Sec. G. W. Epps "
 Treas. & Gen. Mgr. J. S. Coleman " "
 Energy from No. Car. Elec'l Pwr. Co.;
 repair shops at Newbridge.
 Reaches park in Weaverville.
 8.7 miles; 4-8½ g; 3 motor pass. and
 1 other car. 118

**763—Asheville Power & Light Co.
 (Successor to Asheville Elec. Co.)—
 Office, Patton Ave., Asheville. (Con-
 nects Asheville, West Asheville & Bilt-
 more.) (Controlled by Carolina Pwr.
 & Lt. Co., for which the Electric Bond
 & Share Co. is fiscal agent)**
 Pres. Charles E. Johnson Raleigh
 { D. F. McGee New York
 Gen. Mgr. & Pur. Agt.
 V. Prests. { H. W. Plummer . . . Asheville
 { Wm. Darbee . . . New York, N. Y.
 { H. H. Carr Raleigh
 Sec. & Treas. F. P. Summerson
 71 Broadway, New York, N. Y.
 Audr. B. M. Jones Asheville
 Roadmaster. O. W. Cooper "
 Energy purchased from North Carolina
 Electrical Pwr. Co.; trans. volt. 6600 v;
 trolley volt. 550 v.
 1 sub-sta. cap. 2665 kw; 3 rot. conv. tot.
 00 kw.

19.2 miles; 4-8½ g; 47 motor cars. (Co-
 does general lighting, power and gas
 business in Asheville and vicinity.) ★72

BURLINGTON. 4,808.

**764—Alamance Ry. Co.—Office, Bur-
 lington. (Purchased the ry. property of
 the Piedmont Ry. & Elec. Co.) (Con-
 nects Burlington, Graham and Has
 River.) (Owned by Piedmont Pwr.
 & Light Co.)**
 Pres., H. T. Hartman . . . Philadelphia, Pa
 V. Pres., Gen. Mgr. & Pur. Agt.
 Junius H. Harden Burlington
 Sec. & Treas., K. L. Burges, Richmond, Va
 Audr., E. L. Henderson Graham
 Supt. & Ch. Engr., T. R. McConnell " "
 Energy purchased from Piedmont Pwr.
 & Lt. Co.; trolley volt 600 v.
 Repair shop at Burlington.
 Leases Piedmont Park & Casino from
 Piedmont Pwr. & Lt. Co.
 8.8 miles; 4-8½ g; 9 motor pass. and
 3 trail pass. cars; 1 elec. loco. ★59

CHARLOTTE. 39,823 (1916).

**765—Piedmont & Northern Ry.
 Co.—Gen. Office, Charlotte. (Merger
 of Piedmont Traction Co., operating
 between Charlotte, Mt. Holly, Lowell,
 Pinoca, Paw Creek, McAdenville and
 Gastonia, N. C., and the Greenville,
 Spartanburg & Anderson Ry. Co., oper-
 ating between Spartanburg, Greenville,
 Piedmont, Pelzer, Belton, Anderson,
 Honea Path, Williamstown, Donalds,
 Greer and Greenwood, S. C.)**
 Pres. J. B. Duke
 511-5th Ave., New York, N. Y.
 { W. S. Lee Charlotte
 V. Prests. { Gen. Mgr. & Pur. Agt.
 { E. Thomason "
 Sec. N. A. Coker "
 Treas. & Audr. T. L. Black "
 Traffic Mgr. C. S. Allen . . Greenville, S. C.
 Claim Agt. R. M. Coffee Charlotte
 Supt. Mot. Pwr.
 A. D. Frye Greenville, S. C.
 M. M., S. T. Gantt Charlotte
 Energy purchased from Southern Pwr.
 Co. at 100 000 v.; 11 d. c. West. tot. 5500
 kw; 3 a. c. West. tot. 250 kw. 3 ph. 60
 cys; trans. volt. 44,000 v; trolley volt.
 1500 v. d. c.
 Sub-stas. at Gastonia and Hoskins, N. C.
 and Downs, Belton, Anderson, Greenville,
 and Spartanburg, S. C. Repair shops at
 Pinoca, N. C. and Greenville, S. C.
 Reaches Mt. Holly (owned) and River-
 side Park.
 127 miles; 4-8½ g; 29 motor and 16
 other cars; 16 elec. locomotives, 1 stm.
 car. (Operates complete freight service
 and interchanges with all standard steam
 railways.) ★79

**766—Southern Public Utilities Co.
 —Gen. Office, Mercantile Bldg., Char-
 lotte. (Owns the electric light, gas
 and street railway properties in Char-
 lotte, N. C. and Greenville, S. C.,
 the electric light and street railway
 properties in Winston-Salem, N. C.,
 the electric light, water and street rail-
 way properties in Anderson, S. C., and
 the electric light properties in a number
 of other towns in North and South
 Carolina. The above properties were
 formerly owned by the following com-
 panies, all of which have ceased to
 operate: Charlotte Pwr. Co., Charlotte
 Gas & Elec. Co., Charlotte Elec. Ry. Co.,
 Greenville Gas & Elec. Lt. & Pwr. Co.,
 Greenville Trac. Co., Fries Mfg. &
 Pwr. Co. (Winston-Salem), Winston-
 Salem Pwr. Co., Anderson Wtr., Lt. &
 Pwr. Co., Chester (S. C.) Power Co.,
 Thornton Lt. & Pwr. Co. (Hickory,
 N. C.) and Southern Pwr. Co. System
 comprises a total of 59.52 miles of track.)**

Controls the Greenville-Carolina Pwr. Co. of Greenville, S. C., through ownership of common stock.)
 Pres. Z. V. Taylor.....Charlotte
 V. Pres. A. V. Harrill....."
 Sec. W. C. Parker,
 511 5th Ave., New York, N. Y.
 Treas. E. C. Marshall.....Charlotte
 Asst. Sec. J. R. Cherry....."
 Gen. Supt. E. F. Taylor....."
 Dir. of Publicity....."
 John Paul Lucas....."
 Gen. Claim Agt. R. M. Coffee..."
 Pur. Agt. Mill Pwr. Supply Co.."
CHARLOTTE DIV.
 Local Mgr., D. G. Calder....."
 Supt. R. L. Wommack....."
 Local Claim Agt., John G. Pardee "
 Ch. Engr. Pwr. Sta. P. Plummer "
 M. M., I. M. Cook....."
 Roadmaster, S. A. Robinson..."
 Engr. Overhd. Constr. J. C. Mullen "
 Power sta. equip. 3 rot. conv. West. tot. 1750 kw; 2 a. c. G. E. tot. 1080 kw. 3 ph. 60 cys; 1610 hp. gas e. Snow; 2200 hp. gas prod. Lewis Pw; trolley volt. 600 v Energy also purchased from Southern Pwr. Co.
 Power sta. and repair shops at Dfworth, Charlotte.
 Owns and reaches Lakewood Park and New Oakland Park and reaches Liberty and Watson's Parks.
 31.85 miles; 4-8¼ g; 58 motor pass. and 3 other motor cars. ★39†

CONCORD. 9,219 (1916).
 (See No. 769.)

DURHAM. 18,241.

767—Durham Traction Co.—Office East Main St. (Controlled by the Cities Service Co., 60 Wall St., New York City.)
 Pres. F. W. Frueauff...New York, N. Y.
 V. Pres & Gen. Mgr. R. L. Lindsey, Durham
 Sec. & Treas. A. W. Grady....."
 Audr., I. A. Lindsey....."
 Supt. J. R. Ruggles....."
 Pur. Agt., F. M. Morgan....."
 Ch. Engr., H. L. Parish....."
 Elec. Engr., E. H. Badger....."
 Engr. M. of W., Adolf Blunk....."
 Engr. Overhd. Constr....."
 G. C. Whitfield....."
 Ch. Engr. Pwr. Sta....."
 T. E. Carrington....."
 M. M., J. A. Thompson....."
 Power sta. equip. 1 d. c. G. E. 200 kw; 3 a. c. G. E. West., tot. 3100 kva. 2300 v. 3 ph. 60 cys; 2200 hp. e. Erie. Ball, Ham. Cor: 1724 hp. b. Bab. & W; 2500 kw. atm. turb. West; trans. volt. 2300 v.; trolley volt. 575 v.; 2 rot conv.
 Power sta. at Blackwell & Vivian Sts.; repair shop at E. Main St.
 Owns and reaches Lakewood Park and Durham Athletic Park.
 11.55 miles 4-8¼ g; 22 motor pass. and 2 fgt. cars. (Company furnishes lighting and power; also manufactures ice.) ★59

GOLDSBORO. 10,000.

768—Goldsboro Electric Ry. Co. —Office, N. William St. (Connects Goldsboro Webbtown and Bellevue.)
 Pres. Geo. S. Dewey.....Goldsboro
 V. Pres. Leslie Weil....."
 Sec. W. E. Stroud....."
 Treas. J. M. Allen....."
 Gen. Mgr. & Pur. Agt.
 E. F. Ramey....."
 Elec. Engr. & M. M.
 John Kay Allen....."
 Energy purchased from Carolina Pwr. & Lt. Co.; 2 d. c. West. tot. 150 kw; trans. volt. 2300 v.; trolley volt. 550 v.
 Repair shops at N. William St.
 Reaches Herman Park.
 5 miles; 4-8¼ g; 9 motor pass. cars. (Contemplates additions.) ★59

GREENSBORO. 19,577 (1916).

769—North Carolina Public Service Co.—Office, Public Service Bldg. (Controls through stock ownership and lease, Salisbury & Spencer Ry. Co. Operates in Greensboro, Pomona, Salisbury, Spencer and East Spencer; Concord and Highpoint.)
 Pres. Chas. B. Hole.....Greensboro
 1st V. Pres. Wescott Roberson, High Point
 2nd V. Pres. & Gen. Mgr.
 R. J. Hale....."
 Sec. & Treas. L. H. Hole, Jr.,
 85 Cedar St., New York, N. Y.
 Audr., Asst. Sec. & Asst. Treas.
 J. J. Lindsey.....Greensboro
 Supts. { (Ry.) W. E. Whitt...."
 { (Elec.) George Spencer "
 { (Gas) C. Wm. Crawford "
 Local Mgrs. { Henry Jennings.....High Point
 { J. H. Robinson.....Salisbury
 Greensboro Sta. Equip. 4 d. c. G. E. Northn, West. tot. 1050 kw; 1 a. c. G. E. 500 kw. 2300 v. 3 ph. 60 cys; 2050 hp. e. Alis-C, Fitch-Harris Cor.; 1200 hp. b. Atlas; trans. volt. 2200-6000 v; trolley volt. 600 v.
 Salisbury Sta. Equip. (reserve) 1 motor-gen. set West. 450 hp; 1 d. c. Bull. 115 kw; 2 a. c. Bull. tot. 175 kw. 3 ph. 60 cys; 525 hp. e. Harris, A. & S; 460 hp. b. Penn, Buffalo; trans. volt. 2300 v; trolley volt. 550 v.
 Energy also purchased from Southern Pwr. Co.
 Power stas. and repair shops at Greensboro and Salisbury.
 Reaches Lindley Park and Fulton Heights Park South.
 25.5 miles; 4-8¼ g; 31 motor and 3 other cars. Company does general lgt., (elec. & gas) and pwr. business. ★69

HIGH POINT. 12,896 (1916).
 (See No. 762.)

NEW BERN. 10,438 (1916).

770—New Bern-Ghent St. Ry. Co. —Office, New Bern.
 Pres. F. Sitterding
 900 Floyd Ave., Richmond, Va.
 1st V. Pres. E. C. Armstrong...New Bern
 2d V. Pres. J. W. Brown...Portsmouth, Va.
 Sec., Gen. Mgr. & Pur. Agt.
 C. J. McCarthy.....New Bern
 Power sta. equip 1 d. c. G. E. 75 kw; 1 a. c. G. E. 75 kw. 2300 v. 3 ph. 60 cys; 100 hp. e. Ames; 150 hp. b.
 Power sta. at New Bern.
 Reaches park (owned).
 4.5 miles; 4-8¼ g; 4 motor and 2 other cars. (Co. sells energy for lgt.) 56

RALEIGH. 22,000. (1916.)

771—Carolina Pwr. & Lt. Co.—Office, 5 West Hargett St (Consol. Raleigh Elec. Co., Central Carolina Pwr. Co. and Consumers Lt. & Pwr. Co.) (Controls Asheville Pwr. & Lt. Co. and Yadkin River Pwr. Co.)
 Pres. Chas. E. Johnson.....Raleigh
 { D. F. McGee
 { 71 B'way, New York, N. Y.
 V. Prests. { Wm. Darbee
 { 71 B'way " "
 { Gen. Mgr. P. A. Tillery, Raleigh
 Sec. E. P. Summerson
 71 Broadway, New York
 Treas., William Reiser....."
 Asst. Sec., Nathan Wood....."
 Asst. Treas., A. C. Ray....."
 Audr. J. C. Curry.....Raleigh
 Fiscal Agt. Elec. Bond & Share Co.
 71 Broadway, New York
 Claim Agt. W. L. Currie.....Raleigh
 Pur. Agt. R. C. Howison....."
 Supt. Transpt. & M. M.
 Ben. Tongue....."

Supt. Elec. Lt. & Pwr. Div.
 D. R. McDuffee.....Raleigh
 Ch. Engr., A. W. Thompson.... "
 Ch. Engr. Pwr. Sta. F. P. Ernst.. "
 Power sta. equip. 2 d. c. G. E. tot. 750 kw; 6 a. c. G., E. tot. 6250 kw, 2300 v. 3 ph. 60 cys; 2360 hp. b. Stir, Bab. & W; 3500 kw. turb. (stm.) G. E; 3350 hp. turb. (wtr.) Smith; trans. volt. 60,000 v; 3 ph. 60 cys.; trolley volt. 550 v.
 Steam plant at Raleigh; hydro-elec. plant at Buckhorn Falls on Cape Fear River; repair shops at Raleigh.
 Reaches Bloomsbury Park (owned by Co.)
 13.6 miles; 4-8½ g; 26 motor and 8 other cars. (Company does general lighting, power and gas business.) ★39†

SALISBURY. 7,153.
 (See No. 769.)

SPENCER. 3,060.
 (See No. 769.)

WILMINGTON. 32,000

773 - Tidewater Pwr. Co.—Office, 217-223 Princess St. (The Consolidated Ry. Lt. & Pwr. Co., formerly operated under lease, was merged. Connects Wilmington, Winter Park, Wrightsville and Wrightville Beach.)
 Pres. Hugh MacRae.....Wilmington
 V. C. Van Leuven..... "
 Prests } H. C. McQueen..... "
 Sec. & Treas. Thos. B. Willard, "
 Gen. Mgr. Raymond Hunt..... "
 Supt. Trans. T. J. Baird..... "
 Claim Agt. W. B. Savage..... "
 Pur. Agt. A. E. Townsend..... "
 Engr. Pwr. Sta. R. MacRae..... "
 Elec. Engr. E. E. Kilburn.... "
 Roadmaster, J. T. Dooley.... "
 M. M., Wm. Ammenhauser... "
 Power sta. equip. 4 a. c. turbo-gen. West. tot. 3800 kw. 380 v. 2 ph. 60 cys; 2104 hp. b. Bab. & W.; trans. 10,000 v; trolley volt. 575 v.
 2 sub sta tot. cap. 1200 kw; 3 rot. conv.
 Power sta. at Castle St; repair shop at 9th & Orange Sts.
 Reaches and owns "Lumina" at Wrightsville Beach.
 32 miles; 4-8½ g; 40 motor and 10 other cars. (Company furnishes energy for lighting and motors.) 118

WINSTON-SALEM. 46,000.

774—Southern Public Utilities Co.—For general officers, see Charlotte.
 Mgr. B. J. Pfohl.....Winston-Salem
 Supt. & Engr. J. J. Siges.. "
 Claim Agt. H. M. Brandon "
 Power sta. equip. 1 d. c. West. 500 kw; 7 a. c. Allis-C. West. tot. 2550 kw. 2400 v. 3 ph. 60 cys; 700 hp. b. A. & T; 750 kw. turb. (stm.) West; 1800 hp. turb. (wtr.) Allis-C; trans. volt. 13,200 v; trolley volt. 550 v.
 Pwr. sta., (wtr.) on Yadkin River, 13.5 miles from Winston-Salem; steam sta. and repair shop at Winston-Salem.
 Reaches and owns Nissen Park.
 13.75 miles; 4-8½ g; 36 motor pass. and 4 other motor cars. ★29

NORTH DAKOTA.

BISMARCK. 6,344 (1915).

775—Capitol Car Line.—Gen. Office Capitol Bldg. (Owned by State of North Dakota. Controlled by Board of Administration Extends from Soo Depot in eastern part of town, along Main St., up Fourth St., to Capitol.)

Sec. Board of Control
 Ernest G. Warner.....Bismarck
 Ch. Engr. Pwr. Sta. & M. M. Toney Aune..... "
 Engr. M. of W., Thomas Brown "
 Power sta. at Capitol Grounds. Reaches Capitol Park.
 1.5 miles; 4-8½ g; 1 car. (Energy furnished for lighting and heating Capitol Bldg.) 79

FARGO. 20,750 (1916.)

777—Northern States Power Co. (Fargo & Moorhead Div.)—Office, Fargo. (Connects Fargo, N. D. and Moorhead and Dilworth, Minn.) (Controlled by Northern States Power Co. of Delaware, and operated by H. M. Byllesby & Co., Chicago, Ill.)
 Mgr. M. L. Hibbard.....Fargo
 Gen. Supt. & Pur. Agt., C. P. Brown... "
 Energy purchased from Union Light, Heat & Power Co.; trolley volt. 550 v.
 Repair shop at Fargo.
 15.584 miles; 4-8½ g; 21 motor pass., 17 trail pass., 2 fgt. without motors and 3 service cars. ★59

GRAND FORKS. 18,554.

777a—Grand Forks St. Ry. Co.—Office, 215 So. 3d St. (Connects Grand Forks, N. D., and E. Grand Forks, Minn.)
 Pres. T. J. Smith.....Grand Forks
 V. Pres. A. I. Hunter..... "
 Sec. O. A. Webster..... "
 Treas., O. A. Hanson..... "
 Audr., E. E. Odegard..... "
 Supt. & Gen. Mgr. W. L. Hawkes, "
 M. M. & Engr. Ovhd. Constr. Carl Jackson..... "
 Energy purchased from Red River Power Co.
 Repair shops at North Fifth St.
 8.5 miles; 4 8½ g; 12 motor pass. and 7 trail pass. cars; 1 broom; 1 snow plow. ★59

VALLEY CITY. 4,606.

778—Valley City St. & Interurban Ry. Co.—Office, Valley City. (Connects Valley City with Soo R. R. at North Valley City.)
 Pres. Chas. F. Mudgett.....Valley City
 V. Pres. & Gen. Mgr. E. H. Briggs..... "
 Sec. Geo. W. Bowen..... "
 Treas. John Tracey..... "
 Power sta. and repair shops at Fifth Ave., Valley City.
 1½ miles; 4-8½ g; 3 motor cars. (Company handles freight.) 118

WAHPETON. 2,814.
 (See No. 509.)

OHIO.

AKRON. 140,000. (191

779—Northern Ohio Traction & Lt. Co.—Office, 206 Terminal Bldg. (Controls Canton-Akron Consol. Ry. Co., which was formed by consolidation of the Canton-Akron Ry. Co., Canton-New Philadelphia Ry. Co. and The Tuscarawas Trac. Co.; also owns entire capital stock of Akron, Wadsworth & Western Trac. Co.) (Connects Cleveland, Akron, Canton, Massillon, Wadsworth, Barberton, Kent, Ravenna, New Philadelphia and Uhrichsville.)
 Pres. B. C. Cobb.
 14 Wall St., New York, N. Y.
 T. A. Kenney..... "
 V. Prests. } Gen. Mgr. A. C. Blinn.....Akron

Sec. Chas. H. Lahr..... Akron
Asst. Secs. { **G. H. Bouner**,
 & **Asst.** { **14 Wall St., New York, N. Y.**
Treasrs. { **S. E. Wolff**, " "
Gen. Andr. H. G. Kessler, " "
Compt., G. B. Dobbin,..... " "
Treas. James Sweeney..... Akron
Gen. Supt. Ry. Dept., B. E. Parker, "
Gen. Supt. Production & Distr. Dept.
L. G. Tighe..... " "
Traffic Mgr. Chas. A. Laney..... " "
Claim Agt. E. C. Carpenter..... " "
Pur. Agt. Russell J. Harter..... " "
Engr. M. of W., E. D. Eckroad,..... " "
Supt. Shops, K. D. Leavitt..... " "
Park Mgr. C. Y. Riddle..... Canton
Power sta. equip. 5 a. c. turbo-gen.
West. tot. 67,000 kw. 60 cys; 3600 kp. e. Cor;
15,600 hp. b. Bab. & W, Bad; 3250 kw. stm.
turb. G. E.: 2750 hp. turb. (wtr.) Trump;
trans. volt. 22,000-13,200 v; trolley volt.
600 v.
19 sub-sta. tot. cap. 23,700 kw; 30 rot.
conv. 4 mo. gen. sets.
Power stas. at Canton and Akron;
repair shops at Kenmore, Canton and
Silver Lake Jct.
Reaches Springfield Lake (leased),
Meyers Lake (owned) and Summit Lake
(leased).
249.59 miles; 4-8½ g; 345 motor and 45
other cars; 1 elec. loco. (Company does
general ltg. and pwr. business.) ★59

ALLIANCE. 18,960 (1916).

(See also No. 835a).

781—Stark Elec. R. R. Co.—Office,
Alliance. (Connects Canton, Louis-
ville, Maximo, Alliance, Sebring, Be-
loit, Garfield, Damascus and Salem.)
Pres. H. W. Purcell..... Alliance
V. Pres. Claus Greeves..... Cleveland
Sec. E. S. Cook..... " "
Treas. S. A. Sturgeon..... Alliance
Andr. O. K. Ayres..... " "
Gen. Mgr., Fgt. & Pur. Agt.
F. L. Mowry..... " "
Supt. John Spencer..... " "
Claim Agt. E. B. Webb..... " "
Ch. Engr. Elec. Engr. &
Ch. Engr. Pwr. Sta. Jno. M. Yost.. " "
M. M. R. D. Miller..... " "
Engr. M. of W., Jno. Weber..... " "
Engr. Ovhd. Constr., A. C. Williams "
Pwr. sta. equip. 2 a. c. turbo-gen. West.
tot. 2200 kw. 440 v. 3 ph. 25 cys; 2400 hp. b.
Stir; 2200 kw. turb. (stm.) West. trans.
volt. 22,000 v; trolley volt. 600 v.
2 sub-stas; 7 rot. conv.
Power sta. and repair shop at Lake
Park; sub-stas. at Louisville and Da-
mascus.
Owns and controls Lake Park, near
Alliance.
36.4 miles; 4-8½ g; 21 motor pass., 2 fgt.
motor and 3 service cars. High-speed pass.
and fgt service. (Company furnishes
energy for lighting Sebring; also sells
energy to rys.) ★59

ASHTABULA. 21,498 (1916).

782—Ashtabula & Lake Shore
Ry.—(Holds lease on Park track of the
L. S. & M. S. Ry.) (Controlled by the
Penna. & Ohio Ry. Co.) (Connects Ash-
tabula Harbor and Woodland Beach
Park.)
Pres. L. A. Robison..... Cleveland
Sec. & Treas. W. B. Morris, Pittsburg, Pa.
Rents power from Penn. & Ohio Ry.
Co.
1 mile; 4-8½ g; 3 cars. 117

783—Ashtabula Rapid Transit Co.
—Office, 6 Nat. Bk. Bldg.
Pres & Treas. L. A. Robison.. Cleveland
V. Pres. A. R. Raymer.. Pittsburgh, Pa.
Andr. & Pur. Agt., J. H. Shaw, Ashtabula
Supt. R. L. Hughes..... " "
M. M., J. O'Brien..... " "
Park Mgr. J. C. Hurd..... " "

Barn Fmn. James Morgan..... Conneaut
Shares in power plant of Penn. & Ohio
Ry. Co.; repair shop at Se. Main St. &
Tyler Ave.
5.5 miles; 4-8½ g; 9 motor, and 1 line
car; 1 sweeper. ★59

784—Pennsylvania & Ohio Ry-
Co.—Office, 16 Spring St. (Controls Ash-
tabula & Lake Shore Ry.) (Connects
Conneaut, Amboy, Ashtabula, Kings-
ville and Jefferson.)

Pres. L. A. Robison..... Cleveland
Sec. & Treas., J. W. Coltman..... " "
Andr. Stanley Sneyry..... " "
Gen. Mgr. Palmer Wardman.. Ashtabula
Ch. Engr. Pwr. Sta.
Harry Prettyman..... " "
Park Mgr. J. C. Hurd..... " "
Power sta. equip; 2 a. c. West. tot. 750
kva. 400 v. 3 ph. 25 cys; 1000 hp. e.
Cpr.; 1250 hp. b. B. & W; trans. volt.
18,200 v; trolley volt. 650 v.
1 sub-sta. 200 kw.; 3 rot. conv.
Power sta. at State Road, Ashtabula;
repair shops at State Road, Conneaut.
Reaches Lake View Park, Conneaut, 26
miles; 4-8½ g. 11 motor and 2 other cars.
 118

BOWLING GREEN. 5,222.

(See No. 819.)

BUCYRUS. 9,103

(See No. 828.)

CAMBRIDGE. 13,483 (1916).

785—Ohio Service Co.—See Co-
shocton. (Connects Cambridge, Byes-
ville, Derwent and Pleasant City.)
Dist. Supt. L. H. Slocumb.... Cambridge
CAMBRIDGE DIV.
Power sta. equip. 1 d. c. Ft. W., 250
kw; 2 a. c. G. E. tot. 500 kw. 2300 v. 3
ph. 60 cys; 1240 hp. e. Rus; 700 hp. b.
Rus; Union, Frick; trans. volt. 33,000 v;
trolley volt. 600 v. Power plant held in
reserve.
1 sub-sta. cap. 300 kw; 1 mo. gen. set
300 kw.
Pwr. Sta. and repair shops at West
Cambridge.
13.5 miles; 4.8½ g; 4 interurban motor
pass. and 4 city motor pass. cars; 1 fgt.
motor car. ★79

CANTON. 50,217.

(See No. 779.)

CHILLICOTHE. 15,470 (1916).

(See also No. 805.)

786—The Chillicothe Elec. R. R.,
Lt. & Pwr. Co.—Office, 20 W. Second
St., Chillicothe. (Controlled by the Ohio
& Western Utilities Co. and operated by
National Utilities Co., New York, N. Y.)
Pres. & Gen. Mgr.,
Geo. A. Vaughters..... Chillicothe
V. Pres. & Cl. Agt.
John P. Phillips..... " "
Sec. & Treas. J. C. Martin.... Columbus
Asst. Treas., Pur. Agt. & Asst. Mgr.
F. K. Sexauer..... Chillicothe
Ch. Engr. Pwr. Sta., Frank Childs " "
M. M., Roy Seuff..... " "
Roadmaster, Jno. Byers..... " "
Power sta. equip. 2 a. c. G. E. tot. 700
kva. 3 ph. 125 cys; 1000 hp. e. Ham, Cor;
1000 hp. b. Erie; trans. volt. 3300 v; trolley
volt. 600 v., 1 rot. conv.
Power sta. at Yoctangee Park & Canal
(No P. O.); repair shop at Chillicothe.
4.5 miles; 4-8½ g. (Company furnishes
light and power.) ★59

786a—Hillsboro-Cynthiana-Bainbridge-Ohillicothe Traction Co.—Chamber of Commerce. (Connects Cincinnati, Hillsboro, Chillicothe and Columbus.)
 Pres. J. W. Watts.....Hillsboro
 V. Pres. & Gen. Mgr. N. J. McGuire
 1001 Law Bldg., Indianapolis, Ind.
 Sec. R. R. Faulkner....
 Treas. J. C. Anderson.....Chillicothe
 Ch. Engr. C. C. Clarke.....Hillsboro
 42 miles. 59

CINCINNATI. 410,476 (1916).

(See also Nos. 349 and 821.)

787—Cincinnati & Columbus Trac. Co.—Office, Norwood (Sta. H. Cincinnati.) (Connects Cincinnati, Norwood, Milford, Fayetteville and Hillsboro.) (Property will be sold under foreclosure.)

Receiver

The Union Savings Bank & Trust Co.
 Cincinnati

Pres. & Treas. H. H. Hoffman...Norwood

V. Pres.

Actg. Sec. H. J. Gibson.....

Andr. & Pur. Agt. H. E. Frost.

Supt. & M. M., J. Drummy.....

Engr. Pwr. Sta. Geo. Taylor. Perintown

Power sta. equip. 2 a. c. G. E. tot. 300 kw. 3 ph. 25 cys; 2500 hp. e. C. & G, Cpr; 1600 hp. b. A. & T.

Power sta. at Perintown; repair shops at Milford.

53 miles: 4-8½ g; 8 pass. and 21 fgt. cars (Company supplies energy to The Interurban Elec. Lt. & Pwr. Co., Madeira.)

118

788—Cincinnati, Georgetown & Portsmouth R. R. Co.—Office, Carrel St. (Operated principally by steam, but some passenger cars doing a local business are operated by electricity.) (Connects Cincinnati, Batavia, Bethel, Georgetown and Russellville.)

Pres. & Treas. H. A. Haigh...Cincinnati

V. Pres. W. J. Thompson.....

Sec. A. L. C. Henry.....

Andr. J. P. Moran.....

Gen. Mgr. & Pur. Agt.

A. H. Elfner.....

Supt. Transpt., Equip. & M. M.

L. E. Woster.....

Gen. Fgt. & Pass. Agt.

R. E. Haveman.....

Elec. Engr. & Engr. M. of W.

E. J. Jonas.....

Ch. Engr. Pwr. Sta.

W. Grisel.....Olive Branch

Pwr. sta. equip. 2 a. c. West. Elec. Mch.

tot. 1200 kw. 3 ph. 25 cys; 1600 hp. e. H. O. & R; 1800 hp. b. A. & T; trans. volt.

16,500 v; trolley volt. 600 v. d. c.

Power sta. at Lake Allyn; repair shops at Carrel St.

Reaches Lake Allyn (owned).

57 miles; 4 8½ g; 20 motor pass. and 12 other cars. (Sells energy to Batavia Lt. & Pwr. Co. and Munic Plant, Mt. Orab.)

59

789—Cincinnati, Lawrenceburg & Aurora Elec. St. R. R. Co.—Office, Andersons Ferry, Cincinnati. (Connects Delhi, Home City, Addyston, North Bend, Cleves, Harrison, Lawrenceburg and Aurora.)

Receivers { C. E. Hooven.....Cincinnati

{ Edgar Stark.....

Pres. Stanley Shaffer.....

Sec. Don Hooven.....

Gen. Mgr., Andr. & Pur. Agt.

E. M. Gumpf.....

M. M. Geo. Bender.....North Bend

Energy purchased from Union Gas & Elec. Co.

Repair shops at North Bend, O.

31.89 miles; 4-8½ g; 8 motor cars. ★79

790—The Cincinnati, Milford & Blanchester Traction Co.—General offices, 508 Sycamore St., Cincinnati (Owns Cincinnati, Milford & Goshen Trac. Co., and Cincinnati, Milford & Eastern Trac. Co., proposed lines.) (Connects Cincinnati, Madisonville, Plainville, Indian Hill, Newtown, Terrace Park, Milford, Mulberry, Goshen Sta., Newtonville, Edenton, Woodville and Blanchester.)

Receiver & Pur. Agt.

Charles C. Harris.....Cincinnati

Pres., Gen. Mgr. & Claim Agt.

J. P. Peurring.....

Sec. & Andr., J. P. Tischendorf

Treas. W. H. Albers.....

Gen. Fgt. & Pass. Agt.

Rolls Van Camp.....Madisonville

Gen. Supt. Jas. Montgomery.....

Engr. Pwr. Sta. C. F. Bloom.....Milford

M. M., Richard Hayes.....Madisonville

Power sta. equip. 2 a. c. Bull. tot. 500 kw. 3 ph. 25 cys; 1500 hp. e. Allis-C; 800 hp. b. Stir; trans. volt. 16,500 v. trolley

volt. 650 v.

3 sub-stas. tot. cap. 1150 kw; 3 rot. conv., 2-400 kw. Bullock and 1-300 kw. West.

Power sta. at Milford; repair shops at Madisonville.

Reaches Woodland and Bamford Hills

Park.

37 miles; 5-2½ g; 10 pass., 3 fgt., 2 work.

2 flat and 4 dump cars. (Company furnishes energy for lighting.) ★39

791—The Cincinnati Traction Co.—Office, Traction Bldg. (Operates Cincinnati St. Ry. Owned by The Ohio Trac. Co.)

Pres. W. Kesley Schoepf.....Cincinnati

V. Pres. { Dana Stevens.....

{ Walter A. Draper.....

Exec. Asst., H. L. Sanders... ..

Sec. D. J. Downing.....

Treas. W. H. MacAllister.....

Asst. Treas. F. L. Haller.....

Andr. E. J. Boos.....

Aest. Andr. B. F. Reiley.....

Gen. Mgr. A. Benham.....

Supt. Transp. A. J. Ostendorf... ..

Consult. Engr. Thos. Elliott... ..

Claim Agt. Walter E. Robinson

Asst. Pur. Agt. A. L. Fischer... ..

Ch. Engr. Wm. Mittendorf... ..

Engr. Roadway, E. H. Berry... ..

Engr. Ovhd. Constr.

F. J. Venning.....

Supt. Shops J. J. Schweitzer.....

Power sta. equip. 35 d. c. West, G. E.

tot. 29,100 kw; 1 rot. conv. 500 kw. West;

40,111 hp. e. Mcl. & S. Prov; 20 475 hp

b. Bab. & W. A. & T; 18,000 kw. turb.

(stm.) West; trans. volt. 6600 v; trolley

volt. 575 v.

Five power stations as follows: Pen-

dleton generating station at Eastern Ave,

Cincinnati; Hunt St. generating station

a. Hunt & McMillan Sta. Cincinnati; De-

pot St. generating station at Depot St

near 8th St., Cincinnati; Cumminsville

generating station at Knowlton St. near

C. H. & D. R. R., Cumminsville, Cincin-

nati; Winton Place generating station

at Winton Place; repair shops at Chester

Park & Winton Place.

Owns Chester Park, which is leased to

Isaac M. Martin and reaches Zoo Garden.

227.99 miles; 5-2½ g; 1,287 motor and

146 misc. cars; 60 trailers. ★69

792—Indiana, Columbus & Eastern

Trac. Co.—(Leased to The Ohio Elec. Ry. Co., which see for details of roads owned and leased.)

Pres. Dana Stevens.....Springfield

V. Pres. J. H. Sundmaker.....

Sec. & Treas. F. A. Healy.....

Asst. Sec. & Asst. Treas.

J. M. Pogue.....

398.2 miles; 4-8½ g. 59

93—Interurban Ry. & Terminal Co.—Office, 1112 Second National Bank Bldg., Cincinnati. (Owns and operates the Cincinnati & Eastern Elec. Ry. Co., the Rapid Ry. Co. and the Interurban Terminal Co.) (Connects Cincinnati, New Richmond, Mason, Kings Mills and Lebanon.)

Secr., Chas. M. Leslie,
805 Sec. Nat. Bk. Bldg., Cincinnati
Pres. Geo. H. Worthington.....Cleveland
1st V. Pres. J. M. Hutton..... "
2d V. Pres. J. M. Hutton..... "
Gen. Mgr. Supt., Pur. & Claim Agt.,
J. F. Egolf.....Cincinnati
Audr. C. W. Peck..... "
Gen. Fgt. & Pass. Agt.,
A. E. Schmeiser..... "
Ch. Engr. Pwr. Sta. F. H. Woods..... "
1st M. F. H. Brueggemann..... "
Roadmaster, Joe Holt..... "
Engr. Ovhd. Constr. Fred Teitmeir, "
CONEY ISLAND STA. EQUIP.—2 d. c.

West. tot. 800 kw; 2 a. c. West. tot. 000 kw. 3 ph. 25 cys; 3157 hp. e. Bckye; 100 hp. b. A. & T; trans. volt. 11,000 v;rolley volt. 650 v.

4 sub-stas. tot. cap. 2800 kw; 7 rot. conv.

Power sta. at Coney Island; repair shop at Deer Park.

Reaches Coney Island, Highland Grove owned by individual members of company and Beechwood Park, Silverton.

62 miles; 5-2 1/4 g; 85 motor and 15 other cars. ★59

794 — The Ohio Traction Co. — (Millcreek Valley Division.) Office, Traction Bldg. (Operates under lease The Cincinnati & Hamilton Trac. Co. which extends through St. Bernard, Elmwood, Carthago, Hartwell, Lockland, Glendale, Wyoming and Hamilton.) (Owns Cincinnati Trac. Co. and Cincinnati Car Co.)

Pres. W. Kesley Schoepf.....Cincinnati
1st V. Pres. Chas. P. Taft..... "
2d V. Pres. Dana Stevens..... "
3d V. Pres. & Sec.

Walter A. Draper..... "
Exec. Asst., H. L. Sanders..... "
Asst. Sec. D. J. Downing..... "
Treas. W. H. MacAlister..... "
Asst. Treas. F. L. Haller..... "
Audr., E. J. Boos..... "
Asst. Audr. B. F. Reiley..... "
Gen. Mgr. A. Benham..... "
Consult. Engr. Thos. Elliott.... "
Supt. Transp. A. J. Ostendorf.. "
Claim Agt. Walter E. Robinson "
Asst. Pur. Agt. A. L. Fischer.. "
Ch. Engr. Wm. Mittendorf..... "
Engr. of Roadways. E. H. Berry "
Engr. Ovhd. Constr., F. J. Venning, "
Power sta. equip. 2 d. c. G. E. tot. 1000 kw; 1600 hp. e. McL. & S; 1850 hp. b. A. & T; trans. volt. 6600 v; trolley volt. 575 v.

Power sta. at Hartwell; repair shops at Chester Park, Winton Place.

Reaches Zoological Gardens.
36.23 miles; 5 2/4 g; 32 motor and 5 other cars. ★69

CLEVELAND. 674,078 (1916).
(See also No. 779.)

795—The Cleveland & Chagrin Falls Ry. Co.—Office, 708 Belmont Bldg. (Successor to Cleveland, Youngstown & Eastern Ry. Co.) (Connects Cleveland and Chagrin Falls.)

Pres. H. P. McIntosh.....Cleveland
V. Pres. Horatio Ford..... "
Sec. & Treas. C. A. Taylor..... "
Audr. J. E. Lowery..... "
Gen. Mgr. Robt. D. Beatty..... "
Supt. L. C. Hageman.....Chagrin Falls

Energy purchased from Cleveland and Eastern Trac. Co.

Sub-sta. at Stop 28; car barns at Chagrin Falls.
12 miles; 4-8 1/4 g; 11 motor, 2 freight and 2 other cars. 69

796—Cleveland & Eastern Trac. Co.—Office, 708 Belmont Bldg., Cleveland. (Has taken over the Cleveland & Eastern Div. of the Eastern Ohio Trac. Co.) (Connects Cleveland, Chardon, Burton and Middlefield.)

Pres. H. P. McIntosh.....Cleveland
V. Pres. Horatio Ford..... "
Sec. & Gen. Mgr. Robt. D. Beatty "
Treas. C. A. Taylor..... "
Audr. J. E. Lowery..... "
Supt. H. A. Emery.....Gates Mills
Elec. Engr. W. E. Wilson.... " "
M. M., Frank Smith..... " "

Energy purchased from Cleveland Illuminating Co.

Sub-stas. at Stops 7, 19 and C. & E. Jct; also 1 portable sub-sta; repair shops at Gates Mills.

40 miles; 4-8 1/4 g; 16 motor, 2 freight and 3 other cars. 69

797—The Cleveland Ry. Co.—Office, Leader Bldg. (Formerly the Cleveland Elec. Ry. Co.)

Pres. John J. Stanley.....Cleveland
Gen. Mgr.
V. Prests. { Geo. L. Radcliffe " "
John H. Alexander " "
R. A. Harman..... " "

Sec. to Pres. Paul E. Wilson... "
Sec. & Treas. Henry J. Davies.. "
Audr. Thos. P. Kilfoyle..... " "
Gen. Supt. A. E. Duty..... " "
Asst. Supt. Ralph W. Emerson " "
Claim Agt. Wm. F. Weh..... " "
Elec. Engr. & Engr. Ovhd. Constr.
L. P. Crecellus..... " "
Pur. Agt. Chas. H. Stanley.... " "
Elec. Engr., W. E. Wilson..... " "
Engr. M. of W., C. H. Clark.... " "
M. M., Terance Scullin..... " "

Power sta. equip. 7 d. c. G. E. West, tot. 9,600 kw; 14,400 hp. e. Allis-C, Cpr; 7,792 hp. b. Bab. & W; trans. volt. 11,000 v; trolley volt. 600 v; energy also purchased from Cleveland Elec. Illuminating Co.

5 sub-stas. tot. cap. 33,500 kw; 23 rat. conv.

Power stas. at foot of E. 71st St; repair shops at Washington & Sycamore Aves., Cleveland.

360 miles (including track in yards and buildings); 4-8 1/4 g; 1053 motor pass., 417 trail pass; 126 motor service and 68 service cars without motors. ★59

798—The Cleveland, Southwestern & Columbus Ry. Co.—Office, 525 Garfield Bldg. (Connects Cleveland, Berea, Medina, Seville, Creston, Wooster, Le Roy, Lodi, W. Salem, Ashland, Mansfield, Crestline, Galion, Bucyrus, Elyria, Oberlin, Lorain, Amherst, Grafton, Berlin Heights and Norwalk.)

Pres. F. E. Myers.....Ashland
V. Pres. L. J. Wolf.....Cleveland
Sec. & Treas. J. O. Wilson.... "

Gen. Mgr. & Pur. Agt.
E. F. Schneider..... " "
Audr. M. E. McGraw..... " "
Claim Agt. C. E. McKisson.... " "
Supt. Western Div. J. A. Neater... Elyria
Supt. So. Div., W. B. Demaline.. Kamms
Supt. (Seville-Bucyrus Div.)

F. M. Yeings.....Mansfield
Supt. Pwr. & Shops,
George H. Kelsay..... Elyria

Traffic Mgr. C. C. Collins.....Cleveland
Power sta. equip. 2 d. c. West. tot. 1000 kw; 3500 hp. e.; 4000 hp. b. Str, Heine; 8000 hp. (stm.) turb. West, Allis-C, G. E; trans. volt. 22,000 v; trolley volt. 635 v.

Power sta. and repair shop at Elyria.
Reaches Puritas Springs and Chipewa Lake and owns Seccalum Park.

235 miles; 4-8 1/4 g; 60 motor and 17 other cars. (Co. does ltg. & pwr. business.) ★59

799—Lake Shore Elec. Ry. Co.— Executive office, Electric Bldg., Cleveland; general office, Sandusky. (Controls the Lorain St. R. R. Co., and Sandusky, Fremont & Southern Ry. Co.) (Connects Cleveland and Toledo and intermediate cities and towns.)

Pres. E. W. Moore.....Cleveland

V. Prests. { F. H. Goff..... "

A. Lewenthal..... "

Gen. Mgr. & Pur. Agt.

F. W. Coen.....Sandusky

Andr. A. C. Henry..... "

Gen. Supt. L. E. Burge..... "

Supt. M. Pwr. F. Heckler.....Fremont

Engr. M. of W., A. V. Brown..Sandusky

Claim Agt. H. Rimelspanch.....Fremont

Gen. Pass. Agt. J. F. Starkey..Sandusky

Roadmaster, Roy Bragdon..... "

Power sta. equip. 4 a. c. G. E. West. tot. 3900 kw. 8 ph. 25 cys; 4250 hp. b. Stir, Bab. & W; 2000 kw. (stm.) turb. West; trans. volt. 18,000 v; trolley volt. 600 v. Energy purchased from The Ohio State Power Co. for operation of system from a point some 25 miles east of Fremont to Toledo.

Power sta. at Beach Park; repair shops at Fremont, Beach Park and Sandusky. Reaches Beach Park (owned), Crystal Beach, Linwood Park, Ruggles' Grove, Rye Beach, Cedar Point.

173 miles; 4-8 1/4 g; 77 motor and 57 other cars. (Co. sells energy to ry. companies.) ★79j

COLUMBUS. 214,878 (1916).

800—Columbus, Delaware & Marion Elec. Co.— Office, Marion (Successor to Columbus, Delaware & Marion Ry. Co.) (Connects Columbus, Worthington, Delaware, Prospect, Radnor and Marion; also owns and operates city ry. service in Marion and Delaware.)

Pres. Eli. M. West.....Columbus

1st V. Pres. & Gen. Mgr.

A. F. Van Deine.....Marion

2nd V. Pres. J. J. Jennings....Columbus

Sec., Treas. & Andr.

W. H. Davidson.....Marion

Gen. Coun. Earl H Turner.....Dayton

Supt. J. H. Lahrmer.....Columbus

Trainmaster, C. C. Moyer.....Delaware

Supt. Mot. Pwr. A. F. Rolston... "

Supt. Overhead, Pearl Lowry... "

Supt. Marion Ltg. Dept.

L. C. Stang.....Marion

Power sta. equip. (Stratford plant) 2 a. c. G. E. tot. 2800 kw. 8 ph. 25 cys; 2000 hp. b. Heine; 2800 kw. stm. turb. G. E; trans. volt. 19,500 v; trolley volt. 600 v.

Power sta. equip. (Marion plant) 2 a. c. G. E. tot. 1750 kw. 2300 v. 60 cys; 1400 hp. b. Heine; 1750 kw. stm. turb. G. E. 4 sub-stas. tot. cap. 2100 kw; 7 rot. conv.

Power sta. and repair shops at Stratford Address, Delaware, O.)

Owms Glenmary Park. Reaches Olen-tangy Park, North Columbus.

60 miles; 4-8 1/4 g; 12 interurban pass., 4 freight and express, 4 motor service, 16 non-motor service, and 23 city cars. (Company furnishes energy to Prospect Elec Ltg. & Pwr. Co., Columbus, Marion & Bucyrus R. R. Co., and does lighting in Marion.) ★59

801—Columbus, New Albany & Johnstown Trac. Co.— Office, Long and Third Sts. (Connects Columbus, E. Columbus and Gahanna.)

Pres. H. M. Beazell.....Cincinnati

V. Pres. Leo J. Van Lahr..... "

Sec. & Treas. Julius A. Reif.... "

Andr. O. V. Sterrett.....Columbus

Gen. Mgr. & Pur. Agt.

L. P. Stephens..... "

M. M. Robert Whisner..... "

Energy purchased from Columbus Ry. Pwr. & Lt. Co.; repair shops at E. Columbus.

8.8 miles; 5-2 g; 5 motor pass., 1 1/2 motor and 1 service car. ★9

802—Columbus Ry., Pwr. & Lt. Co.— Office, 104 N. Third St. (Inc. to succeed Columbus Traction Co. and to take over the properties leased to Columbus Railway & Light Co. Has acquired all property etc., of Columbus Traction Co. (successor to Central Market Street Railway), Columbus Railway Co., and Columbus Edison Co., the existing leases between the two latter companies and the Columbus Railway & Light Co. being cancelled. In Jan 1915 property of Columbus Light, Heat & Power Co. was acquired. (Connects Columbus and Westerville, and Columbus and Marble Cliff.)

Pres., Charles L. Kurtz.....Columbus

V. Prests. { Samuel Ungerleider, "

Treas., Norman Mcd. Crawford..... "

W. R. Pomerene..... "

Sec. & Andr. P. V. Burlington... "

Asst. Sec. & Asst. Andr.

H. M. Burlington..... "

Gen. Supt., C. C. Slater..... "

Supt. Transp., Geo. R. Whisner. "

As-t. Supt. Transp., C. E. Lacey "

Mgr. Claims Dept., Gerry Cathcart "

Asst. Mgr. Claims Dept.

Chas. B. Prugh..... "

Pur. Agt., M. L. Evans..... "

Elec. Engr., R. J. Feather..... "

Ch. Engr. Pwr. C. H. Johnson... "

Asst. Ch. Engr. Pwr. E. R. Andrix "

M. M., Chas. E. Hott..... "

Engr. M. of W., E. O. Ackerman.. "

Supt. of Lines, B. L. Chase.... "

Power sta. equip. 8 a. c. turb. Allis C. West., G. E. tot. 43,500 kw; 7460 hp. e. Am. Br. Co., Cpr., Mcl. & S; 17,613 hp. b. Bab. & W; trans. volt. 13,200-39,400 v; trolley volt. 600 v.

9 sub-stas. (1 with auto cont.) tot. cap. 4740 kw; 5 rot. conv. tot. 2400 kw; 14 mot. gen. sets, tot. 3840 kw.

Principal power stas; Spring St. at Spring & Cozzens Sts.; Gay St. at Gay & 3rd Sts.; Mound St. at Mound & 7th Sts.; and Walnut Sts. located 10 miles southeast of Columbus; repair shops at Kelton Ave., & Oak St.

Reaches Olen-tangy Park & Indianola Park.

135,129 miles; 5-2 g. and 4-8 1/4 g; 346 motor pass. and 56 other cars. (Co. does general power and lighting business in Columbus and surrounding territory; and considerable hot water heating.) ★69

803—The Columbus, Urbana & Western Elec. Ry. Co.— Office, 100 W. Gay St. (Connects Columbus, Marble Cliff and Fishingers.)

Pres. Scott A. Webb.....Columbus

Sec. Harry E. Stafford..... "

Treas. Eli M. West..... "

Andr. Harry A. Snyder..... "

Gen. Mgr. & Pur. Agt.

L. P. Stephens..... "

Energy purchased from The Columbus Ry., Pwr. & Lt. Co.; repair shop, 500 W. Spring St.

Reaches park at Fishingers Bridge, North of Storage Dam.

10 miles; 4-8 1/4 g; 4 motor and 8 other cars. 78

804—The Ohio & Southern Trac. Co.— Office, 115 E. Rich St. (Connects Shadeville and Hartman Stock Farm with Columbus.)

Pres. & Treas., Earl S. Davis.—Columbus
V. Pres. & Asst. Treas.
 J. N. Spetnagel..... “
Sec. J. M. Buttler, 8 E. Broad St., “
A. Andr. Sam'l Mathews...... “
Gen. Mgr. E. C. Schwab...... “
M. M., Clark Miller,
 R. F. D. No. 1, Lockburne
 Energy purchased from Columbus Ry.,
Lt. & Pwr. Co.; repair shops at Hartman
 Farm.
 7 miles; 4-8½ g; 2 motor pass., 1 fgt
 motor and 8 service cars. ★59

805—Scioto Valley Trac. Co.—Office,
 Third and Rich Sts. (Connects Colum-
 bus and Lancaster, Columbus and Chilli-
 cothe and intermediate points.)

Pres. & Gen. Mgr.
 Frank A. Davis.....Columbus
V. Pres. & Treas. E. R. Sharp. “
Sec. & Pur. Agt. A. C. Moorhaus “
 Andr. F. K. Young..... “
 Supt. C. Skinner..... “
 Claim Agt. Geo. H. Jones..... “
Gen. Fgt. & Pass. Agt.
 J. O. Bradfield..... “
 Ch. Engr. Gregg D. Wolfe..... “
 Elec. Engr. & Ch. Engr. Pwr. Sta.
 F. W. C. Bailey..... “
 M. M., G. A. Stiles..... “
 Roadmaster, G. E. Wagner..... “
 Power sta. equip. 3 a. c. Allis-C.,
 G. E. tot. 6000 kva. 375-2300 v. 3 ph. 25 cys.
 3000 hp. e. Ham. Cor.; 2300 hp. b. McNaull,
 Frank; 4000 kw. turb. (steam) G. E.; trans.
 volt. 27,000 v.; trolley volt. 600-625 v.
 7 sub-stas. tot. cap. 4000 kw.; 8 rot.
 conv.,

Power sta. and repair shops at Rees
 Station.

Reaches Columbia Park.
 78 miles (3d rail): 4-8½ g; 13 motor
 pass., 5 trail pass., 4 fgt. motor., 17 fgt.
 without motors and 12 service cars. (Co.
 does general lgt. & pwr. business.) ★69

COSHOCTON. 11,570 (1916).

805a—The Ohio Service Co.—Gen.
 office, Coshocton; local offices, Cam-
 bridge, Byesville, Ulrichsville, Den-
 nison, New Philadelphia and Dover.
 (Purchased the property of The County
 Elec. Co. (New Philadelphia), The
 New Midland Pwr. & Trac. Co.
 (Cambridge), The Twin City Trac. Co.
 (Dennison) Coshocton Lt. & Htg. Co.,
 Newcomerstown Lt. & Pwr. Co., Stras-
 burg Elec. Co. and Lafayette Lt. & Pwr.
 Co. (W. Lafayette). (Connects Cam-
 bridge, Pleasant City, Byesville and Der-
 went; also Dennison and Ulrichsville.)
 (Controlled by United Service Co.)

Pres. Thos. R. Brooks......Scranton, Pa.
V. Pres. F. E. Pomerene......Coshocton
Sec., Treas. & Gen. Mgr.

L. H. Conklin.....Scranton, Pa.
 Andr. R. G. Thompson.....Coshocton
 Pur. Agt. K. A. Hinig..... “
 Supt. of Pwr. J. J. Dolan..... “
 Engr. Insp. & Tests
 C. A. Mullen..... “

COSHOCTON DIVISION.

Dist. Supt. Alvin H. Stack...... “
 Power sta. equip. 3 a. c. G. E., Allis-C.
 turbo-gen. tot. 6500 kva. 2300 v. 3 ph. 60
 cys; 2000 hp. b. Stlr; 4580 kw. stm. turb.
 G. E., Curtis, Allis-C; 1600 hp. wtr. turb.
 Allis-C; trans. volt. 33,000 v.

NEW PHILADELPHIA DIVISION.

Dist. Supt.
 J. Hall Truman, Jr., New Philadelphia
 Power sta. equip. 2 a. c. G. E. turbo-
 gen. tot. 6500 kw. 2200 v. 3 ph. 60 cys; 1
 a. c. G. E. 400 kw. 2200 v. 3 ph. 60 cys; 1
 a. c. G. E. (hydro-elec.) 200 kw. 2200 v. 3
 ph. 60 cys.

CAMBRIDGE DIVISION.

Dist. Supt. L. H. Slocumb......Cambridge
 Power sta. equip. 2 d. c. Ft. W. tot. 600
 kw; 3 a. c. G. E., tot. 700 kw. 2300 v. 3 ph.

60 cys; trans. volt. 33,000 v. trolley volt
 600 v. Power plant held in reserve; sub
 sta. run from transmission system; 1 d. c.
 G. E. 300 kw.

DENNISON DIVISION.

Dist. Supt. A. G. Dutton......Dennison
 1 sub-sta. cap. 1500 kw. 33000/2300 v.
 Power sta. and repair shop at W. Cam-
 bridge; sub-sta. at So. Cambridge.
 Reaches Oakland Park.

13.88 miles; 4-8½ g; 12 cars. (Company
 does general lighting and power busi-
 ness.) ★79

COVINGTON. 1,848.

(See No. 853.)

DAYTON. 127,224 (1916).

(See also Nos. 338, 339, 353, 366, 379,
 1117, 1118 and 1234.)

806—City Ry. Co.—Office, corner
 Western and Auburn Aves.

Pres. & Treas. E. D. Grimes......Dayton
 1st V. Pres. G. G. Shaw..... “

2nd V. Pres. V. Winters..... “

3rd V. Pres. G. H. Gorman..... “

Sec. M. Hall..... “

Claim Agt. J. H. Clark..... “

Andr. J. Morton..... “

Gen. Mgr. T. E. Howell..... “

Asst. Supt. T. E. Bitzer..... “

Ch. Engr. Frank Engle..... “

Elec. Engr. John Dolan..... “

Track Foreman, Jno. McDonald.. “

Power sta. equip. 5 d. c. G. E. Westg.,
 S. & H. tot. 2900 kw; 3500 hp. e. Bckye.
 Prov; 1750 hp. b. Stlr, A. & T, Bab. & W;
 trolley volt. 550 v.

Reaches Lake Slide Park.
 Power sta. at Emily & Levee Sts; repair
 shop at Western & Auburn Aves.

35,948 miles; 4-8½ g; 132 motor (46
 closed, 80 open and 56 combination),
 1 single truck, 3 flat, 3 snow, 2 sand cars
 and 1 tool car; 3 sprinklers. ★59

**807—Dayton, Springfield & Xenia
 Southern Ry. Co.**—Office, 201 Ar-
 cade. (Connects Dayton, Belmont-
 Shoups Station, Alpha, Trebeins and
 Xenia.)

Pres. C. J. Ferneding......Dayton
V. Pres. Gen. Mgr. & Pur. Agt.

T. A. Ferneding..... “

Sec. & Treas. H. L. Ferneding... “

Andr. Gen. Fgt., Pass. & Claim Agt.
 R. J. Wells..... “

M. M. J. N. Hinds..... “

Energy purchased from The Dayton
 Power & Light Co.; trans. volt. 6600 v;
 trolley volt. 600 v.

Repair shop near Shoups Station.
 Reaches Bellbrook, Killcare Park (con-
 trolled) and Yellow Springs Park.

27.97 miles; 4-8½ g; 22 cars. 78

808—The Dayton St. Ry. Co.—
 Office, Lorain & Pritz Ave.

Pres.
 Wm. A. Keyes..Schwind Bldg., Dayton
 V. Pres.

S. M. Krohn... Commercial Bldg. “

Sec. & Treas.

Philp H. Worman, Schwind Bldg. “

Gen. Mgr. Wm. L. Smith..... “

Energy purchased from Dayton Pwr. &
 Lt. Co.
 Repair shop at car barns.

14 miles; 4-8½ g; 27 motor and 20 other
 cars. 59

809—Dayton & Troy Elec. Ry. Co.
 —Office, Tippecanoe City. (Controls
 Miami Valley Ry. Co., The Troy, Tip-
 pecanoe and Dayton) Interurban Ry.
 Co., and the Piqua St. Ry.) (Connects
 Dayton, Tippecanoe City, Troy &
 Piqua.)

Pres. Harrie P. Clegg.....Dayton
Sec. L. C. Clegg..... "
Treas. Gen. Mgr. & Pur. Agt.
E. A. Crume..... "
Audr. Finney Sprague...Tippecanoe City
Supt. Transpt. W. M. Kessler. "
Supt. Piqua City Lines, H. Hetzler, Piqua
Gen. Fgt. & Pass. Agt.
O. H. Murlin.....Dayton
Ch. Engr Pwr. Sta.
J. D. Kohler.....Tippecanoe City
M. M., Henry Lee..... "
Roadmaster, J. D. Racer " "
Power sta. equip. 3 d. c. West. tot. 1200
kw; 1000 hp. e. Bckye; 1200 hp. b. Bab. &
W; trolley volt. 550 v.
Power sta. and repair shop at Tippe-
canoe City.
49 miles; 4-8½ g; 19 motor and 30 other
cars. ★69

810—The Lebanon & Franklin
Trac. Co.—(Operates through cars
between Dayton and Lebanon; con-
nects Lebanon, Red Lion and Franklin.)
Pres., Sec., Treas., Gen. Mgr. &
Pur. Agt. Robt. E. Kline.....Dayton
V. Pres. C. H. Hoglen..... "
Supt. C. V. Haney..... "
Claim Agt. Jno. Clark..... "
Energy purchased.
Repair shops at Franklin.
Reaches Miami Valley Chautauqua,
Warren Co. Fair Grounds and Franklin
Racing Park.
10.8 miles; 4-8½ g; 2 motor pass. cars.
Suspended service Jan., 1918. 118

811—Oakwood Railroad Co.—Office,
1630 So. Brown St. (Connects Oakwood
with "Hills and Dales.") (Leased to and
operated by The Oakwood St. Ry. Co.)
Pres. Harrie P. Clegg.....Dayton
V. Pres. & Gen. Mgr. Henry Gebhart "
Sec. P. A. Hommel..... "
Treas. & Audr. H. C. Weingartner "
2.6 miles; 4-8½ g. ★59

812—The Oakwood St. Ry. Co.—
Office, 1630 So. Brown St. (Connects
Oakwood, Dayton and Dayton View.)
(Leases and operates the Oakwood R.
R. Co.)
V. Pres. Harrie P. Clegg.....Dayton
Sec., Gen. Mgr. & Pur. Agt.
Henry Gebhart..... "
Claim Agt.
John H. Clark...Schwind Bldg. "
Audr. H. C. Weingartner..... "
M. M., J. F. Merrick..... "
Roadmaster J. Burkholder..... "
Energy purchased from Dayton Power
& Lt. Co.; trolley volt. 600 v.
Repair shops at 1630 So. Brown St.,
Dayton.
10.6 miles (including Oakwood R. R.
Co.); 4-8½ g; 31 motor pass. and
8 other cars. ★59

813—People's Ry. Co.—Office, 520
Washington St. (Controlled by Ameri-
can Rys. Co., Phila., Pa.)
Pres. J. A. McMahon.....Dayton
H. J. Growley
V. Prests. { Philadelphia, Pa.
C. L. S. Tingley... " "
Sec. & Treas. W. W. Perkins... "
Asst. Sec., Asst. Treas. & Compt. "
F. J. Pryor, Jr. " "
Gen. Mgr. Geo. C. Towle.....Dayton
Supt. of Trans. V. R. Powell.... "
Claim Agt.
John H. Clark...Schwind Bldg., "
Pur. Agt. G. C. Weirick, Philadelphia, Pa
Ch. Engr. Pwr. Sta.
G. C. Chadderdon.....Dayton
M. M., Earl Lones..... "
Engr. M. of W., A. Schmittauer.. "
Frmn. Ovhd Constr.
James Franklin..... "

Power sta. equip. 2 d. c. G. E. tot. 2200
kw; 2500 hp. e. Mcl. & S; 2300 hp. b.
Stir, Natl; trans. & trolley volt. 550 v.
Power sta. at Germantown St.; repair
shops at Bolander Ave.
31.89 miles; 4-8½ g; 88 motor and 2
other cars. ★6

DENNISON. 4,008.

814—The Ohio Service Co.—See
Coshocton. (Connects Uhrichsville and
Dennison.)
Dist. Supt. A. G. Dutton..... Dennison
Energy from high tension lines.
1 sub-sta. cap. 1500 kw; trans. volt.
33,000-2300 v; trolley volt. 500 v.
1.8 miles; 4-8½ g; 3 motor pass. cars
(Co. does general lgt. & pwr. bus-ines.)
★79

EAST LIVERPOOL. 23,586 (1916).
(See also No. 1196.)

815—The Steubenville, East Liver-
pool & Beaver Valley Trac. Co.—
Office, E. Liverpool. (On Nov. 1, 1917,
the following properties were merged.
East Liverpool Trac. & Lt. Co., The
Ohio River Passenger Ry. and The
Steubenville and East Liverpool Ry. &
Lt. Co.) (Connects Beaver and Midland,
Pa., East Liverpool, Wellsville, Toronto
and Steubenville, O. and Chester, W.
Va.) (The electric light and power prop-
erties leased to The Ohio River Pwr.
Co.)
Pres. C. A. Smith.....E. Liverpool
Sec., Treas. & Pur. Agt.
Geo. H. Faulk..... "
Gen. Mgr. R. J. McElravy.... "
Gen. Supt. M. J. B. McConnell "
Claim Agt. J. H. Maxwell.... "
M. M., C. N. Pettinger..... "
Roadmaster, J. D. Hickey.... "
Energy purchased from The Ohio River
Pwr. Co; trans. volt. 13,200 v;
Sub-sta. equip. 3 West. rot. conv. tot.
600 kw; trolley volt. 625 v.
Sub-sta. at Industry, Pa.; repair shops
at East Liverpool.
Reaches Rock Springs Park at Chester,
W. Va., and Stanton Park at Steubenville.
101 miles; 4-8½ g; 75 motor pass., 8
other motor and 2 other cars. ★59

FINDLAY. 14,858.
(See also No. 819.)

816—Toledo, Bowling Green &
Southern Trac. Co.—General office,
Findlay. (Connects Findlay, Bowling
Green and Toledo.)
Pres. Bayard L. Kilgour.....Cincinnati
V. Pres. Charles Kilgour..... "
Sec. & Treas. A. J. Becht.... "
Audr. C. B. Baker.....Findlay
Gen. Mgr., Claim & Pur. Agt.
C. F. Smith..... "
Gen. Supt. R. N. Hamblin..... "
Gen. Fgt. & Pass. Agt.
Ed. Hamprecht..... "
Supt. Mot. Pwr. Daniel Reidel, Jr. "
Ch. Engr. Pwr. Sta. W. Nushaum "
M. M. Allen Karns.....Bowling Green
Roadmaster, Fred Miller.....Findlay
Power sta. equip. 2 a. c. G. E. tot. 2000
kw. 370 v. 3 ph. 25 cys; 4000 hp. e. Mcl.
& S; 4500 hp. b. Bab. & W; 1000 kw. stm.
turb. G. E; trans. volt. 20,000 v; trolley
volt. 600 v.
Power stas. at Findlay; repair shops at
Findlay and Bowling Green.
Reaches amusement park in Toledo.
50 miles; 4-8½ g; 16 motor pass., 8 fgt.
motor, 20 fgt. without motors and 4
service cars; 1 elec. loco. (Company
furnishes lighting in Findlay.) ★69

FORT LORAMIE. 444 (1911).

817—Minster & Loramie Ry. Co.—
Office, Ft. Loramie. (Connects Minster
and Ft. Loramie.) (Operated by Western

Ohio Ry. Co.) (Sold at receiver's sale and purchased by C. P. Gress, representing New Bremen First Nat'l Bank acting for creditors of company.)

Pres. & Gen. Mgr.
 J. B. Raterman.....Ft. Loramie
 V. Pres. J. D. Inderrieden... "
 ec. Wm. J. Sherman..... "
 Treas. Julius Boesel.....New Bremen
 Audr. E. O. Reed.....Lima
 Gen. Fgt. & Pass. Agt.
 C. O. Sullivan..... "
 Energy from Western Ohio Ry. Co.
 3.3 miles; 4-8½ g. 59

FOSTORIA. 10,770 (1916).

(See also No. 846.)

118—The Fostoria & Fremont Ry. Co.—Office, Alcott Bldg., Fostoria, (Connects Fremont, Ballville, Havens, Burgoon, Kansas, Amsden and Fostoria.)

Pres. F. D. Carpenter.....Lima
 V. Pres. J. H. Goeke.....Wapakoneta
 Sec., Treas., Gen. Mgr. & Cl. Agt.

R. C. Guernsey.....Fostoria
 Audr. E. O. Reed.....Lima
 Gen. Fgt. & Pass. Agt. C. O. Sullivan "

1 sub-sta.; 2 rot. conv.
 Energy purchased from Lake Shore Electric Ry. Co.; trolley volt. 650 v.

Repair shop at Fremont.
 21.5 miles; 4-8½ g; 8 motor pass., 2 fgt motor and 2 fgt. cars without motors; 1 service car. ★59

819—Toledo, Fostoria & Findlay Ry. Co.—Office, Fostoria. (In 1916, purchased property of The Lake Erie, Bowling Green & Napoleon Ry. Co. between Scotch Ridge, Center Church and Bowling Green (12 miles). Connects Findlay, Arcadia, Fostoria, Rising Sun, Bradner, Pemberville, Scotch Ridge, Center Church, Bowling Green, Luckey, Walbridge and Toledo.)

Pres. H. C. Greer.....Morgantown, W. Va.
 V. Pres. C. C. Fernel.....Canal Dover
 Sec. & Treas. A. J. Krantz.. "

Gen. Mgr. E. Smith.....Fostoria
 Supt. R. H. Ewan..... "
 M. M., John Mitchell..... "

Roadmaster, D. Campbell..... "
 Power sta. equip. 2 d. c. West. tot. 500 kw; 800 hp. e. Rus; 800 hp. b. Stir; trans. volt. 2200 and 22000 v; trolley volt. 700 v; energy also purchased from Lake Shore Elec. Ry. Co.

1 sub-sta. cap. 500 kva.; 1 rot. conv.
 Power sta. and repair shop at Fostoria. Owns Reeves' Park.

62 miles; 4-8½ g; 18 motor, 2 trail pass., 1 trail fgt. and 21 other cars. (Co. does general ltg. & pwr. business in Pemberville and Luchy.) ★59

FREMONT. 10,362 (1916).

(See No. 818.)

GALLIPOLIS. 5,560.

820—The Gallipolis & Northern Trac. Co.—Office, Gallipolis. (Purchased property of the Kananga Trac. Co. at receiver's sale.) (Connects Gallipolis, O., and Point Pleasant, W. Va.)

Pres. H. L. Lambert....Pennsboro, W. Va.
 Sec. & Treas.
 C. R. Cunningham.. "

Gen. Mgr. H. Marsh..Parkersburg. "
 Supt. E. M. McCormickGallipolis
 M. M., D. L. Reisinger..... "

Energy purchased from Ohio Utilities Co.; trolley volt. 600 v.

Repair shops, East Gallipolis. Reaches Fair Grounds.

5 miles; 4-8½ g; 6 motor pass., 2 trail pass. and 1 other motor car. 59

GEORGETOWN. 1,580.

(See No. 788.)

HAMILTON. 40,496 (1916).

(See also No. 794.)

821—Cincinnati & Dayton Traction Co. (Successor to Cincinnati, Dayton & Toledo Trac. Co.—Offices, City Nat'l Bk. Bldg., Dayton. (A consolidation of the Southern Ohio Trac. Co., Hamilton, Cincinnati-Northwestern Ry. Co. Cincinnati and The Hamilton & Lindenwald Elec. Transit Co.) (Connects Cincinnati, Hamilton, Middletown, Franklin, Miamisburg, Dayton, Trenton, Mt. Healthy, West Carrolton, College Hill and Germantown, and operates city line in Hamilton.)

Pres. J. M. Hutton,
 1st Nat'l Bank Bldg. Cincinnati

V. Pres. Otto Armlender..... "
 Sec. Claude Ashbrook
 Union Trust Bldg..... "

Treas. Leo J. Van Lahr
 Provident Savings Bk., "
 Audr. J. P. Longon.....Dayton

Oper. Mgrs. The Warren Bicknell Co.,
 1028 Citizen's Bldg. Cleveland
 Mgr. & Pur. Agr. M. Ackerman...Dayton

Supt. Al. Davis.....Miamisburg
 Gen. Fgt. & Pass. Agt. C. M. Byrne..Dayton
 Ch. Engr. Pwr. Sta. J. P. Davis

Lindenwald Pwr. Sta., Hamilton
 M. M., M. Schoenhals
 O'Neil's Car Shops, Dayton

Engr. M. of W. E. P. Denman...Trenton
 Engr. Ovhd. Const. W. A. McNeal "
 Pwr. sta. equip. 4000 hp. b. Bab. & W;

5250 kw. stm. turb. West; trans. volt. 33,000 v; trolley volt. 600 v.
 6 sub-stas. tot. cap. 3900 kw; 13 rot. conv.

Power stas. at Lindenwald (P. O. Hamilton); repair shop at O'Neil's Sta., Dayton. Reaches Lindenwald Park and M. V. Chautauqua Grounds, Franklin.

88.9 miles; 4-8½ g; 91 cars. ★69

HEBRON. 677.

(See No. 839.)

HUBBARD. 1,699.

(See No. 965.)

IRONTON. 13,949.

(See Nos. 835 and 1160.)

LANCASTER. 13,670.

822—The Lancaster Trac. & Pwr. Co.—Office, Main St.

Pres., Gen. Mgr. & Pur. Agt.
 H. B. Peters... ..Lancaster

V. Pres. Edw. DeLancy..... "
 Sec. & Treas. P. R. Peters..... "
 Supt. & Engr. Pwr. Sta.

J. R. Smith..... "
 Ch. Engr. J. Griggs..... "
 Power sta. equip. 3 d. c. T.-H. tot. 225 kw; 250 hp. e. Miller, Am. (gas); trolley volt. 550 v.

Power sta. and repair shops at Fair Ave.
 12 miles; 4-8½ g; 22 motor and 2 other cars. 59

LEBANON. 2,698.

(See No. 810.)

LEETONIA. 2,665.

823—The Youngstown & Ohio River R. R. Co.—Office, Leetonia. (Successor to the Youngstown & Ohio River Ry. & Lt. Co.) (Connects Salem, Washingtonville, Leetonia, where connection is made with the Youngstown & Suburban Ry. Co., Lisbon, West Point and East Liverpool.)

Pres. Chas. S. Thrasher.....Cleveland
 V. Pres., Gen. Mgr. & Pur.

Ag. J. D. Dewees.....Leetonia

Treas. Warren Bicknell.....Cleveland
Andr. & Gen. Pass. Agt.
R. F. Miller.....Leontonia
Gen. Fgt. Agt. Owen H. Lazelle "
Supt. Mot. Pwr. A. A. Crawford "
M. M., H. A. Rhoads....."
Roadmaster, S. Watterholt....."
 Power sta. equip. 2 d. e. West. tot. 110 kw; 2 a. c. West. tot. 2000 kw. 3 ph. 25 cys; 150 hp. e. West; 2000 hp. b. Stir; 3000 hp. turb. West; trans. volt. 22,000 v; trolley volt. 650 v.
 Power sta. at West Point; repair shops at Leontonia.
 Reaches Youngstown Park System and Park System of E. Liverpool Trac. & Lt. Co.
 38 miles; 4-8½ g; 9 motor and 35 other cars; 3 locos. (Furnishes energy to lighting company.) ★59

LIMA. 35,384 (1916).

824—The Ohio Elec. Ry. Co.—See Springfield for general officers.
Gen. Mgr. H. G. Gilpin.....Springfield
Supt. C. C. Fast.....Lima
 Power sta. equip. 2 d. c. McI. & S, tot. 775 kw. 550 v; 5 a. c. G. E. McI. & S. tot. 3400 kw. 2300 v. 3 ph. 60 cys; 2800 hp. b. Bab. & W. A. & T.
 Power sta. and repair shop at Lima.
 147 miles (Ft. Wayne Div. 65 miles, Toledo Div. 72 miles, City Div. 10 miles); 4-8½ g. (Company furnishes energy for lighting and does steam heating.) ★59

825—Western Ohio Ry. Co.—Office, 119 W. Market St., Lima. (Owns the Lima, Findlay & Toledo Ry.; operates between Findlay, Mt. Cory, Cridersville, Botkins, Anna, Lackington, Lima, Wapakoneta, St. Mary's, New Bremen, Minster, Oelina, Sidney, Piqua, Rawson, Bluffton and Beavercreek; also operates Minster & Lorain Ry.)

Pres. & Gen. Mgr. F. D. Carpenter, Lima
Sec. & Treas. H. C. Lang.....Cleveland
Andr. E. O. Reed.....Lima
Supt. W. B. Page.....Wapakoneta
Claim Agts. Goeke & Boesel.. "
Gen. Fgt. & Pass. Agt.
C. O. Sullivan.....Lima
Pur. Agt. Wm. M. Varner..... "
Ch. Engr. Pwr. Sta. F. B. Mason St. Marys
Elec. Engr. & Engr. Ovhd. Constr.
H. V. Swinehart.....Wapakoneta
M. M., E. B. Gunn..... "
Roadmaster, N. Pohlabein..... "
 Power sta. equip. 4 a. c. West. tot. 2300 kw. 400 v. 3 ph. 25 cys; 4600 hp. e. Cpr. Cor; 4300 hp. b. Stir; 6000 kw. turb. (stm.) West. G. E; trans. volt. 33,000 v; trolley volt. 650 v.
 7 sub-stas. tot. cap. 3000 kw; 14 rot. conv.
 Power sta. at St. Mary's. repair shop at Wapakoneta.
 108.05 miles; 4-8½ g; 27 motor and 65 other cars; 1 elec. loco. (Co. does general lgt. & pwr. business.) ★59

LORAIN. 36,964 (1916).

826—The Lorain St. R. R. Co.—(Controlled by Lake Shore Elec. Ry., which see for officers.) (Connects Lorain and Elyria.)
 Energy purchased from Lake Shore Elec. Ry. Co.; trans. volt. 18,000 v; trolley volt. 600 v.
 Repair shop at So. Lorain.
 24.5 miles; 4-8½ g; 21 motor and other cars. 118

LOWELLVILLE. 1,592.

(See No. 856.)

MAGNETIC SPRINGS. 12,155.

(See No. 836.)

MANSFIELD. 22,734 (1916)

827—Richland Public Service Co. (Formerly—Mansfield Public Service & Utility Co.—Office, 10 So Park St., (Operates in Mansfield and an Interurban line to Shelby.) (Connects Mansfield & Shelby.)
Pres. & Gen. Mgr. R. E. Burger. Mansfield
V. Pres.
George Blankner.....New York, N. Y.
Sec., Treas. & Andr.
J. E. Loiseau.....Mansfield
Supt. & Gen. Fgt. & Pass. Agt.
H. A. Cowgill..... "
Claim Agt. Fred. Wachter..... "
Pur. Agt. I. C. Martin..... "
Ch. Engr. H. L. Hoadeley..... "
Elec. Engr. & Engr. Ovhd. Constr.
L. L. Bartlett..... "
Signal Engr. D. E. Robinson... "
Ch. Engr. Pwr. Sta. E. F. Day.....Melco
M. M., W. H. Goodenough..... "
Roadmaster, W. E. Stelts..... "
 Power sta. equip. 4000 hp. b. Stir; 10,000 kw. turb. (steam) West; trans. volt. 44,000 v; trolley volt. 600 v.
 1 sub-sta. cap. 1250 kw; 2 rot. conv.
 Power sta. at Melco; repair shop at E. 4th St., Mansfield.
 Owns Casino Park and Theatre.
 22 miles (including 12-mile road to Shelby); 4-8½ g; 23 motor pass. and 4 other cars. (7-1 man safety cars on order.) (Company furnishes light and power in Mansfield & Ashland.) ★59

MARIETTA. 14,785 (1916).

(See No. 1197.)

MARION. 23,480 (1916).

(See also No. 800.)

828—The Columbus, Marion & Bucyrus Ry. Co.—Office, Marion. (Connects Marion and Bucyrus.)
Pres. & Gen. Mgr. Geo. Whyall.. Marion
V. Pres. & Treas.
James H. Caldwell.....Troy, N. Y.
Sec. & Asst. Treas. H. B. Hane... Marion
 Energy from Col. Del. & M. Ry.; trolley volt. 600 v. d. c;
 Repair shop at Marion.
 18 miles; 4-8½ g; 2 motor pass. cars and 4 gondolas. ★59


MEDWAY. 400.

(See No. 839.)

MILFORD, 1,321.

(See Nos. 787 and 790.)

NELSONVILLE. 6,082.

831—The Hocking-Sunday Creek Trac. Co.—Office, 29½ W. Columbus St., Nelsonville. (Connects Nelsonville, Chauncy and Athens.)
Pres. E. B. Young.....Nelsonville
V. Pres. L. H. Price..... "
Sec. John H. Saltz..... "
Treas. M. A. Krieg..... "
Andr. Chas. A. Vorhes..... "
Gen. Mgr., Pur. Agt. & Ch. Engr.
Warren H. Badger..... "
M. M., Alex Dailey..... "
Engr. M. of W. & Ovhd. Constr.
Jas. W. Shafer..... "
 Energy purchased from the Hocking Pwr. Co.; 2 rot. sets consisting of 2-200 kw. 3 ph. 60 cys. a. c.—600 v. d. c. conv; trolley volt. 1200 v. 
 1 sub-sta. cap. 1600 kw; 4 rot. conv.
 Repair shops at Nelsonville.

15 miles, 4-8½ g; 4 motor pass., 1 all pass. and 1 ftg. mo. car. (Switch standard freight equipment of Hocking valley Ry. to and from mines.) ★79

NEWARK. 29,635 (1916).

(See No. 839.)

NEW PHILADELPHIA. 9,912 (1916)

31a—The Ohio Service Co.—See Coshocton.
Dist. Supt.

J. H. Truman, Jr. New Philadelphia
Pwr. sta. equip. 3 a. c. G. E. turbo-gen. set. 3745 kw. 2800 v. 3 ph. 60 cys.; 400 hp. Cpr.; 2500 hp. b. Stir. Erie City; 2500 w. stm. turb. G. E., Curtis; 850 hp. wtr. arb. Lef; trans. volt. 33,000 v.
Pwr. sta. at New Philadelphia. (Install- ing new 4000 kw. turb.) ★79

NILES. 8,921 (1916)

(See No. 855.)

NORWALK. 7,858.

533—The Plymouth & Shelby Trac. Co.—Office, Norwalk. (Connects Plymouth and Shelby.) (Controlled by The Sandusky, Norwalk & Mansfield Elec. Ry. Co.)
Receiver, C. G. Taylor. Norwalk
Energy and equip. from The Sandusky Norwalk & Mansfield Elec. Ry. Co.
6.97 miles; 4-8½ g. 118

533—The Sandusky, Norwalk & Mansfield Elec. Ry. Co.—Office, 18 E. Main St., Norwalk. (Connects Norwalk, No. Fairfield, Steuben, New Haven, Plymouth and Chicago Junction.) (Controls Plymouth & Shelby Trac. Co.)

Receiver, C. G. Taylor. Norwalk
Andr. Miss. A. E. Busch. "
Supt. of Cars & Equip.
C. D. Woodworth. No. Fairfield
Roadmaster, John Watts. New Haven
Energy purchased from Cleveland, Southwestern & Columbus Ry. Co; trans. volt. 22,000 v; trolley volt. 650 v.
Repair shops, at No. Fairfield.
29.5 miles; 4-8½ g; 4 motor pass. cars and 1 other motor car. 118

PAINESVILLE. 5,501.

(See No. 854.)

PIQUA. 14,153 (1916).

(See Nos. 809 and 853.)

POMEROY. 4,023.

534—The Ohio River Elec. Ry. & Pwr. Co.—Office, Pomeroy. (Owns Pomeroy & Middleport Elec. Co.) (Connects Hobson, Middleport, Pomeroy, Minersville, Syracuse and Racine.)
Pres. I. L. Oppenheimer. Pomeroy
V. Pres. F. W. Bacon,
1416 Chestnut St., Philadelphia, Pa.
Sec. J. K. Trimble. "
Treas. Harry Williams, Jr. "
Asst. Treas. Henry T. Alley. "
Act. Gen. Mgr., Harry Hartwell. Pomeroy
Gen. Supt. & Pur. Agt.
D. W. Hennessy. "
Claim Agts. { D. Curtis Reed. "
 { M. S. Webster. "
Elec. Engr. J. C. Chase. "
M. M., James Chisholm. "
Engr. Ovhd. Const. N. A. Kaspar. "
Roadmaster, H. B. Curd. "

Energy purchased from Peacock Coal Co.; 2 a. c. mo. gen. sets, G. E. tot. 300 kw. 2200 v. 3 ph. 60 cys; trans. volt. 13,200 v. and trolley volt. 600 v.
Power sta. and repair shop at Pomeroy.

12.7 miles; 4-8½ g; 14 motor pass. and 2 other cars; 2 elec. locos. (Freight hauled by elec. locos.) (Co. furnishes energy for street and commercial lighting to Pomeroy & Middleport Elec. Co.) 118

PORTSMOUTH. 28,741 (1916).

835—The Portsmouth St. R. R. & Lt. Co.—(Controls the Ohio Valley Traction Co. Controls Portsmouth, New Boston, Sciotoville, Wheelersburg and Ironton.)
Pres. L. D. York. Portsmouth
V. Pres., Gen. Mgr. & Pur. Agt.
R. D. York. "
Sec. & Treas. H. H. Higgins. "
Claim Agt. H. W. Miller. "
Ch. & Elec. Engr. W. C. Martin. "
Ch. Engr. Pwr. Sta.
W. A. Martin. "
Engr. M. of W., F. Jones. "
Engr. Ovhd. Constr. Sam Robb. "
Power sta. equip. 4 a. c. G. E. tot. 5500 kw. 2800 v. 2 ph. 60 cys; 1500 hp. b. B. & W; 1800 kw. s'm. turb. G. E., West; trans. volt. 22,000-6600 v; trolley volt 600 v.

Power sta. at New Boston; repair shop at 10th & Offnere Sts.

Owns Millbrook Park.
82.5 miles; 4-8½ g; 26 motor pass., 3 trail pass., 2 other motor and 8 other cars; 1 elec. loco. (Company does general lighting and power business.) ★29+

RAVENNA. 5,310.

835a—Cleveland, Alliance & Mahoning Valley R. R.—Office, Ravenna. (Extends from Alliance to Lima- ville, Atwater, Rootstown and Ravenna eastwardly through Charlestown, Way- land, Newton Falls, Leavittsburg and Warren.)

Pres. F. F. Klingman. Cleveland
Sec. K. L. Smith. "
Treas. A. H. Nelbig. "
Andr. F. E. Vollman. Ravenna
Gen. Mgr. & Pur. Agt.
V. M. London. "
Supt. Transp. W. E. Riddle. "
M. M., R. E. Brush. "
Engr. Ovhd. Constr. F. P. Carls. "

Energy purchased from Stark Elec. R. R; trans. volt. 22,000 v; trolley volt. 625 v. 2 sub-stas. tot. cap. 750 kw; 2 rot. conv. Repair shops at Ravenna.
46.5 miles (catenary); 4-8½ g; 8 motor and 2 other cars. (Sells energy in Lima-ville.) 118

RICHWOOD. 1,729.

836—Columbus, Magnetic Springs & Northern Ry. Co.—Office, Rich- wood. (Connects Delaware, Scioto, Mag- netic Springs and Richwood.)

Pres. & Gen. Mgr.
Chas. J. Finger. Richwood
Andr. M. L. Germann. "
Power sta. equip. 1 d. c. G. E. 300 kw; 500 hp. e. Allis-C; 600 hp. b. Stir; trans. volt. 590 v; trolley volt. 590 v.
Power sta. at Scioto River (No P. O.); repair shops at Richwood.
Reaches Magnetic Springs (owned).

18.5 miles; 4-8½ g; 2 motor pass. and 9 other cars. Service suspended Dec. 31, 1918; sale set for Jan. 15, 1919. ★19+

SANDUSKY. 20,193 (1916).

837—The Sandusky, Fremont & Southern Ry. Co.—Executive office, Cleveland. General office, Sandusky. (Connects Sandusky and Fremont.) (Controlled by Lake Shore Elec. Ry., which see for officers.)
Energy purchased; trans. volt. 18,000 v; trolley volt. 600 v.
22 miles; 4-8½ g; 10 motor and 8 other cars. 118

SOUTH CHARLESTON. 1,181.

335—The Springfield & Washington Ry. Co.—Office, So. Charleston, O. (Successor to the Washington Trac. Co.) (Connects Springfield and South Charleston.)
 Pres. C. E. Baker..... Washington C. H.
 Sec. C. J. Baughn..... South Charleston
 Treas. & Gen. Mgr.
 Floyd Baker..... "
 Andr. C. F. Wheeler..... "
 Elec. Engr. & M. M.,
 F. Keeler. Pitchin, P. O. Springfield
 Roadmaster
 Howard B. Shing..... South Charleston
 Energy purchased from Springfield & Xenia Ry. Co.; 1 a. c. G. E. 360 kw. 570 v. 3 ph. 25 cys; trans. volt. 6000 v; trolley volt. 650 v.
 Repairshops at Pitchin (P. O. Springfield.)
 15 miles; 4-8½ g; 4 motor and 2 otac. cars. 118

SPRINGFIELD. 51,550 (1916).

339—The Ohio Elec. Ry. Co.—Office, Interurban Bldg., Springfield. (Operates through ownership the Lima & Toledo Trac. Co., (operating between Lima & Toledo) and the Lima Elec. Ry. & Lt. Co. (which operates in Lima), and leases The Ft. Wayne, Van Wert & Lima Trac. Co. (operating between Lima and Ft. Wayne, Ind.). Also acquired by lease the Indiana, Columbus & Eastern Trac. Co., which had acquired the Dayton, Springfield & Urbana Elec. Ry. Co., The Columbus, London & Springfield Ry. Co., The Columbus Grove City & Southwestern Ry. Co., The Urbana, Bellefontaine & Northern Ry. Co., The Springfield & Western Ry., The Dayton & Northern Trac. Co., and about 12 miles of The Dayton & Muncie Trac. Co., from Greenville to Union City on the Indiana-Ohio state line, and the Columbus & Lake Michigan R. R. operating from Lima to Defiance. Lessee (through Indiana, Columbus & Eastern Trac. Co.) of the Columbus, Newark & Zanesville Elec. Ry. Co., (which had previously absorbed the Columbus, Buckeye Lake & Newark Traction Co., the Newark & Granville St. Ry. and the Zanesville Ry., Lt. & Pwr. Co.) and the Dayton & Western Trac. Co.) (Lines extend from Zanesville on the east via Newark to Columbus, through Springfield to Dayton, and from Dayton to Union City, where connection is made with The Indiana Union Trac. Co. for Muncie, Anderson and Indianapolis, and from Dayton to Richmond, where connection is made with The Terre Haute, Indianapolis & Eastern Trac. Co. for Indianapolis. Extends north from Springfield through Urbana and Bellefontaine to Lima, and from Lima to Defiance; to Toledo, O. and Ft. Wayne, Ind.)
 Pres. W. Kesley Schoepf..... Cincinnati
 V. Pres. Dana Stevens..... Springfield
 Sec. & Treas. F. A. Healy.....
 Asst. Sec., Asst. Treas. & Pur. Agt.
 J. M. Pogue..... "
 Andr. L. W. Van Bibber..... "
 Gen. Mgr. H. G. Gilpin..... "
 Gen. Fgt. & Pass. Agt.
 W. S. Whitney..... "
 Claim Agt. J. M. Boyer..... Columbus
 Supts. { C. C. Fast..... Lima
 { F. G. Clunis..... Columbus
 { C. V. Haney..... Dayton
 Gen. Supt. Transp., F. J. Moore, Springfield
 Supt. City Ry. & Ltg., J. B. Dugan, Lima
 Asst. Supt., E. J. Lewaster..... Newark
 Ch. Engr. J. H. Sundmaker..... Springfield
 Elec. Engr. M. J. Kehoe..... "
 M. M. F. A. Bundy..... Lima
MEDWAY PWR. STA.—5 a. c. G. E.
 West, Ham. Cor., tot. 5380 kw. 3 ph. 25

cys; 2255 hp. b. Bab. & W; trans. volt. 24,000 v; trolley volt. 550 v.

HEBRON PWR. STA.—3 a. c. G. E. tot. 3100 kw. 13,200 v. 3 ph. 25 cys; 3200 hp. b. Bab. & W. b. Bab. & W, Stir; trans. volt. 12,200 v; trolley volt. 650 v.

ZANESVILLE PWR. STA.—5 a. c. G. E. West, tot. 2960 kw. 2300 v. 3 ph. 60 cys. 1500 hp. b. Heine, A. & T.

LIMA PWR. STA.—2 d. c. McI & S. West tot., 775 kw. 550 v; 5 a. c. G. E. McI & S. tot. 2400 kw. 2200 v; 3 ph. 60 cys. 2300 hp. b. Bab. & W., A. & T.

Power stas. at Medway, Hebron, Zanesville and Lima; repair shops at Medway, Newark, Zanesville, Brookville, W. Alexandria, Springfield and Lima.

Reaches parks at Buckeye Lake, Tecumseh, Cedar Springs (New Paris), Glen Miller (Richmond), Heaver Lake (Lima), Idlewild (Newark), Goat (Zanesville), Lewiston Reservoir, Lake View.

533.04 miles controlled and operated: 197 motor pass., 13 trail pass. and 161 ft. cars (57 elec. equipped.) (Company does litg. and pwr. business.) *59

340—Springfield Ry. Co.—Office, 44 So. Limestone St. (Consolidation of the Springfield Electric Ry. Co. and Citizens Ry. Co.) (Controlled by American Ry. Co., Witherspoon Bldg., Philadelphia, Pa.)

Pres. Paul C. Martin..... Springfield
 H. J. Crowley Philadelphia, Pa.

V. Pres. { C. L. S. Tingley... "

Sec. & Treas. W. W. Perkins. "

Asst. Sec. Asst. Treas. & Compt. Frank J. Fryer, Jr. "

Gen. Mgr. Geo. C. Towie..... Springfield

Supt. of Trans.
 James Funderburg..... "

Claim Agt. P. E. O'Brien..... "

Pur. Agt. G. C. Weirick, Philadelphia, Pa.

Ch. Engr. Pwr. Sta.
 G. C. Chadderton..... Springfield

M. M. Chas. Hamilton..... "

Roadmaster A. Schmittner... "

Cashier, W. A. Gillem..... "

Power sta. equip. 4 d. c. G. E. C. W. tot. 1950 kw; 2600 hp. e. McI. & S, Allis-C. 2100 hp. b. Bab. & W. (Stir.); trans. and trolley volt. 550 v.

Power sta. at Sycamore & Warder Sts. 30 098 miles; 4 g; 80 motor cars. 50

341—Springfield Term. Ry. & Pwr. Co.—Office, 408-409 Bushnell Bldg. (Successor to Springfield, Troy & Piqua Ry. Co.) (Connects Springfield, Lawrenceville, North Hampton, Dalton, Christiansburg, Caretown and Troy.)

Pres., Treas., Gen. Mgr., Claim & Pur. Agt. Fred J. Green..... Springfield

V. Pres. Jno. L. Bushnell.... "

Sec. & Andr. Gus A. Kuhler... "

Gen. Fgt. Agt. Jno. H. Zimmerman "

Ch. Engr. Pwr. Sta. H. W. Ginevan "

M. M. Henry Lee..... "

Engr. M. of W., Harry Robson

Power sta. equip. 2 d. c. G. E. tot. 1080 kw; 1700 hp. e. Cpr; 1200 hp. b. Bab. & W; trans. volt. 25,400 v; trolley volt. 575 v.

Power sta. and repair shops at Springfield.

Reaches Snyder Park.

30.41 miles; 4-8½ g; 9 motor cars. (Furnishes light and power.) 50

342—Springfield & Xenia Ry. Co.—Ex. Office, Springfield. (Connects Springfield, Yellow Springs and Xenia.)

Pres. Warren Bicknell..... Cleveland

V. Pres. G. A. Conlton..... "

Sec. & Treas. Chas. S. Thrasher. "

Andr. M. Cummings..... Springfield

Gen. Mgr. & Pur. Agt.
 Chas. E. Service..... "

Gen. Fgt. Agt. John H. Zimmerman "

M. M. Clyde Bauser.....Springfield
Engr. Ovhd. Constr.
Ralph C. Miller..... "
Energy purchased from Springfield
Term. Ry. & Pwr. Co.; trans. volt. 6600 v;
trolley volt. 650 v.
Repair shop at Emery Chapel.
Reaches Neff Grounds, Park, Bryan
Park and Yellow Springs.
20 miles; 4-8½ g; 6 motor cars and 1
other car. (Co. sells energy to rys.) 59

STEBENVILLE. 27,445 (1916).
 (See Nos. 815, 1202 and 1206.)

TIFFIN. 12,867 (1916).

846—The Tiffin, Fostoria & Eastern
Elec. Ry. Co.—Office, 54 E. Perry St.
(Connects Tiffin, Bascom and Fostoria.
Controls Tiffin city lines.)
Pres. L. S. Sneath.....Tiffin
V. Pres. R. D. Sneath..... "
Sec. Justice Wilson.....Toledo
Treas. C. F. M. Niles..... "
Gen. Mgr., Claim & Pur. Agt.
R. R. Hayes.....Tiffin
Elec. Engr., M. M. & Engr. Ovhd. Constr.
R. Kingseed.....Tiffin
Park } H. Teasel.....Bascom
Mgr. } George Brickner.....Tiffin
Energy purchased from the Central
Pwr. Co.
Repair shop at Bascom and Tiffin, O—
Owms and operates Meadowbrook at
Bascom, O.
21 miles; 5-8½ g; 4 motor pass., 7 city
motor, 2 fgt. motor, 4 fgt. without
motors and 9 other cars. (All cars
carry bagge and express.) ★59

TIPPECANOE. 2,088.
 (See No. 809.)

TOLEDO. 191,554 (1916).

(See also Nos. 473, 478, 799, 816 and 819.)
847—Maumee Valley Rys. & Lt.
Co.—Office, Cor. Adams & Superior
Sts., Toledo. (A consolidation of the
Toledo & Maumee Valley Ry. and the
Toledo, Waterville & Southern Ry.)
Belt Line—connects Toledo, Maumee
and Perrysburg. (Controlled by the
Toledo Trac., Lt. & Pwr. Co., which is
controlled by the Cities Service Co.)
Pres. Frank R. Coates.....Toledo
Sec. H. T. Ledbetter..... "
Treas. A. C. Van Driesen..... "
Energy purchased from Toledo Rys. &
Lt. Co.
Repair shop at Perrysburg.
23.21 miles (8.4 miles operated under
trackage rights); 4-8½ g; 8 mo. pass. cars
and 1 fgt. car. ★69

848—Northwestern Ohio Ry. &
Pwr. Co.—Office, Ohio Bldg. (Con-
nects Toledo, Genoa, Port Clinton and
Oak Harbor; ferry connection for Cedar
Point and Sandusky.) (Under manage-
ment of W. S. Barstow Management
Ass'n Inc. and controlled by The Gen-
eral, Gas & Elec. Co.)
Pres. W. S. Barstow,
50 Pine St., New York, N. Y.
V. Pres. & Gen. Mgr.
F. K. Woodring.....Oak Harbor
Sec. C. N. Wilson,
50 Pine St., New York, N. Y.
Treas. O. C. Swenson,
Audr. C. C. Oash.....Toledo
Supt. F. M. Ames.....Genoa
Engr. Pwr. Sta. Fred Bredian, Port Clinton
Power sta. equip; 3 a. c. Bull. G. E. tot.
3900 kw. 375 v. 3 ph. 25 cys; 2000 hp. e.
Allis-C; 2600 hp. b. Erie, Str; 2000 kw.
(stm.) turb. G. E.; trans. volt. 20,000 v; trol-
ley volt. 600 v,

Power sta. at Port Clinton; repair shop
at Genoa.
Reaches Cedar Point and Sandusky.
57 miles; 4-8½ g; 10 motor and 20 other
cars. (Company does lighting and power
business.) ★59

849—The Toledo & Indiana R. R.
Co.—Office, 839 Ohio Blding, Toledo.
(Successor to Toledo & Indiana Trac.
Co.) (Connects Toledo, Holland, Swan-
ton, Delta, Wauseon, Pettisville, Arch-
bold, Stryker and Bryan.)
Pres. L. R. Schenck
1112 Nicholas Bldg., Toledo
V. Pres.

S. D. Carr.... Nat. B'k. of Com., "
V. Pres. & Gen. Mgr. H. C. Warren, "
Sec. C. F. Chapman..... "
Treas. H. W. Potter,
1112 Nicholas Bldg., "
Audr. C. B. Kleinhaus..... "
Gen. Fgt. & Pass. Agt. C. B. Grandy "
Trainmaster, B. D. Gavin.....Delta
Elec. Engr. Froelich & Emery Eng'rg Co.
2nd Nat. Bank Bldg., Toledo
Engr. Pwr. Sta. Chas. Scheer.... Stryker
M. M. B. G. Towers..... "
Engr. Ovhd. Con., L. Avery.....Delta
Power sta. equip. 2 a. c. G. E. tot. 1200
kva. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Cpr.
C. & G; 2400 hp. b. Bab. & W; 2750 kw.
turb. (stm.) G. E., West; trans. volt.
13,200 v; trolley volt. 600 v.
5 sub-sta. tot. cap., 2000 kw. 5 rot.
conv.

Power sta. and repair shops at Stryker.
52 miles; 4-8½ g; 9 motor pass., 4 fgt.
motor, 21 fgt. cars without motors and 1
service car; 1 elec. loco. (Company does
lighting and power business.) ★59

850—The Toledo, Ottawa Beach
& Northern Ry. Co.—Office, Smith
& Baker Bldg., Toledo. (Connects
Toledo and Toledo Beach, Mich. and
also Point Place, Ohio.) (Controlled by
the Toledo Trac., Lt. & Pwr. Co., which
is controlled by the Cities Service Co.)
Pres. & Gen. Mgr. F. R. Coates.... Toledo
Sec. H. T. Ledbetter..... "
Treas. A. C. Van Driesen..... "
Energy purchased from Toledo Rys. &
Lt. Co.
Repair shops at Toledo.
Owms and reaches Toledo Beach, Mich.
26.59 miles (9.84 miles operated under
trackage rights); 4-8½ g; cars leased from
Toledo Rys. & Lt. Co. (Co. does general
ltg. and pwr. business.) ★69

851—Toledo Railways & Light
Co.—Office, Smith & Baker Bldg.
(Successor to Toledo Trac. Co., and
connects all street railways in Toledo.)
(Controlled through stock ownership by
the Toledo Trac., Lt. & Pwr. Co.
which is controlled by the Cities Service
Co.) (Operated, under contract, by
Henry L. Doherty & Co.)
Pres. & Gen. Mgr. F. R. Coates... Toledo
V. Prests. } F. W. Fruesuff
60 Wall St. New York
Rathbun Fuller..... Toledo
Treas. S. D. Carr..... "
Sec. H. T. Ledbetter..... "
Asst. Treas. A. C. Van Driesen.... "
Asst. to Gen. Mgr. & Mgr. Lt. Ht.
& Pwr., F. J. Derge..... "
Mgr. Rys., Jos. M. Enright..... "
Claim Agt. V. J. Valtz..... "
Traffic Mgr. W. J. Chisholm..... "
Pur. Agt. G. B. Garret..... "
Supt. Elec. Dept. Wm. E. Richards "
Supt. of Machy. Wm. Long..... "
Ry. Engr. A. Swartz..... "
Elec. Engr. Geo. W. Saathoff..... "
M. M., C. A. Brown..... "
Engr. M. of Way, P. H. Farrell.... "
Power sta. equip. 5 d. c. G. E. West. tot.
4350 kw; 9 a. c. turbo-gen. G. E, West,
Allis-C. tot. 61,580 kw. 4000 v. 3 ph. 25 &

60 cys; 7100 hp. a. Allis-C, Whik, Cor; 25,156 hp. b. Heine, Stir, McNaul; trans. volt. 2300-4000-12,300-31,000 v; trolley volt. 550-600 v.

Power sta. at Water St. bet. Madison & Adams Sta. and Floyd St., 22nd St. & Detroit Ave., Toledo; repair shops, at Central Ave.

Reaches Toledo Beach (owned) and Walbridge, Central & Navarre Parks.

112.9 miles; 4-8 1/2 g; 358 motor pass., 3 exp. motor and 40 service cars. (17 with motors.) (Co. does general lit. business and sells energy to ry. companies.) (Operations ceased midnight, July 30th. by order of court.) *79j

852—Toledo & Western E. R. Co.—Gen. Office, Toledo. (Acquired property of Toledo & Western Ry. Co; successor to the properties and franchises of Toledo, Fayette & Western Ry. Co.) (Connects Toledo, Pioneer via Morenci, Mich., with branch to Adrian, Mich.) (Controlled by Toledo Trac., Lt. & Pwr Co., which is controlled by the Cities Service Co.)

Pres. & Gen. Mgr. Frank R. Coates, Toledo V. Pres. (In charge of operation),

- A. Swartz
Sec. H. T. Ledbetter
Treas. A. C. Van Driessen
Supt. H. E. Wheaton
Traffic Mgr. W. J. Chisholm
Claim Agt. V. J. Valtz
Fgt. Claim Agt. C. F. Phillips
Car Acct. Chas. Held
Roadmaster, J. S. Deiter
M. M., P. W. Peugeot

Power sta. equip. 3 a. c. G. E. tot. 1850 kw. 13,900 v. 3 ph. 25 cys; 3000 hp. e. Rns; 1040 hp. b. Stir; trans. volt. 13,900 v; trolley volt. 600 v; energy also purchased from Toledo Rys. & Lt. Co.

Power sta. at Sylvania; repair shops at Sylvania and Toledo.

86.93 miles (9.14 miles operated under trackage rights); 4-8 1/2 g; 14 motor pass., 5 baggage, 120 fgt. without motors and 5 service cars; 1 work motor car; 5 elec. locos. (Furnishes energy for lighting and power.) *69

TORONTO. 4,271.

(See No. 843.)

URBANA. 7,739.

(See No. 839.)

WELLSVILLE. 7,769.

(See No. 815.)

WEST MILTON. 1,307.

853—The Dayton, Covington & Piqua Traction Co.—Auditing office; 526 John Hancock Bldg., Boston, Mass., local office, West Milton. (Connects Dayton, Piqua, Covington, W. Milton, Pleasant Hill, Ludlow Falls, Union, Englewood and Overlook Park.)

Pres. Dennis Dwyer, Schwind Bldg., Dayton V. Pres. & Gen. Mgr.

- T. Russell Robinson
Treas. Geo. E. Whiting
Gen. Supt. & Pur. Agt. Thos. J. Brennan
Gen. Fgt. & Pass Agt. Jas. R. Randall
Ch. Engr. Pwr. Sta. L. A. Wolf
M. M. Frank Cross
Engr. of Ovhd. Constr. Wm. Eby

Pwr. sta. equip. 2 d. c. G. E. tot. 300 kw. 600 v; 500 hp. e. Bekye; 625 hp. b. Hodges, Brnl; trolley volt. 600 v.

Power sta. and repair shop at West Milton.

Owms Overlook Park, West Milton.

34.5 miles; 4-8 1/2 g; 13 motor and 7 other cars. (Co. does lighting business.) 59

WILLOUGHBY. 2,072.

854—Cleveland, Painesville & Eastern E. R. Co.—Office, Willoughby. (Connects Cleveland, Euclid, Wickliffe, Willoughby, Mentor, Painesville, Nottingham, Fairport, Perry, Madisona Geneva and Ashtabula.)

- Pres. E. W. Moore
V. Pres., Gen. Mgr. & Pur. Agt. W. H. Douglas
Sec. Fred. S. Borton
Treas. E. V. Hale
Asst. Sec. & Asst. Treas. J. P. Witt

- Andr. J. A. Currie
Supt. Transpt. John Harper
Supt. Lines, C. Hill
Claim Agt. J. C. Ward
Ch. Engr. Pwr. Sta. Fred Lyons
M. M., Ed. Hengst
Roadmaster, Clarence Wood

8 d. c. G. E. West. tot. 2800 kw; 4 a. c. G. E. tot. 3750 kva. 6600 v. 3 ph., 25 cys; 2900 hp. b. Stir; 3000 kw. stm. turb. West; trans. volt. 13,900 v.; trolley volt. 650 v.

3 sub-stas. tot. cap. 2200 kw; 7 rot conv.; 2 mo. gen. sets.

Power sta. at Erie St., Painesville; repair shops at Willoughby.

Reaches Willoughby Beach Park, 38.76 miles; 4-8 1/2 g; 30 pass., 5 express and 3 work cars. (Co. sells energy for lighting and power.) 69

YOUNGSTOWN. 108,385 (1916).

(See also Nos. 964 and 965.)

855—Mahoning & Shenango Ry. & Lt. Co.—Office, Youngstown. (Controls New Castle Elec. Co., New Castle Elec. St. Ry. Co. (leased), The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahoningtown St. Ry. Co. (leased), New Castle Trac. Co. (leased), Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.), The Shenango Valley Elec. Lt. Co., Pennsylvania Pwr. Co., Youngstown Munic. Ry. and Youngstown & Niles Ry. (under construction.) Operates Zellenople (Pa.) Lt. & Pwr. Co.) (The properties consist of street and interurban lines in Youngstown, Girard, Niles, Mineral Ridge, Warren, Leavittsburg, Struthers, Lowellville, Edenburg, New Castle, Hubbard, New Bedford, Sharon, Sharpville, Farrell, Wheatland, West Middlesex, E. Youngstown and Poland comprising a total of 171 miles of track; and electric lighting in Youngstown, Girard, Struthers, New Castle, Hubbard, Sharon, Sharpville, Farrell, Wheatland, East Youngstown, Ellwood City, Wampum, Chewton, Zellenople and West Pittsburgh, Pa. Also owns gas plants in Youngstown.) (Controlled through stock ownership by Republic Ry. & Lt. Co.) (On Sept. 1, 1917, the following companies, formerly controlled, were merged: The Youngstown & Sharon St. Ry. Co., The Youngstown Park & Falls St. Ry. Co., The Mahogany Valley Ry. Co. and the Poland St. Ry. Co.)

- Pres. R. P. Stevens
60 Broadway, New York, N. Y.
F. L. Dame
V. Pres. Randall Montgomery
Sec. & Gen. Counsel, Wm. M. Coleman
60 Broadway, New York, N. Y.
Andr. F. E. Wilkins
Asst. Andr. H. R. Bowie
Treas. & Asst. Sec. E. G. Dunlap

Asst. Treas. A. R. Hughes... Youngstown
 Gen. Mgr. R. T. Sullivan... "
 Mgr. Rys. R. N. Graham... "
 Asst. Mgr. Rys. "
 Rex D. Billings... "
 Mgr. Lt. & Pwr. E. H. Beil... "
 Gen. Supt. City Lines "
 J. B. Stewart, Jr. "
 Gen. Supt. Interurban Lines "
 C. D. Smith... "
 Asst. Gen. Supt. City Lines "
 R. Moses "
 Claim Agt. City Lines "
 B. C. Wood..... "
 Claim Agt. Int. Lines "
 L. A. Edwards..... "
 Pur.) Int. Lines, R. J. Pike
 Agts.) City Lines, H. J. Warne "
 Elec. Engr. C. A. Harrington "
 Supt. Pwr. Prod. "
 H. W. Bromley... .. "
 M. M., J. A. Duffy "
 Engr. M. of W. C. C. Beckman "
 Park Mgr. R. E. Platt "
 Pwr. sta. equip. 2 d. c. G. E. tot. 1000 kw.; 10 a. c. West. G. E. tot. 57,200 kva. 2200 v. 2 & 3 ph. 60 cys; 3100 hp. e. Green Wheelock; 21,100 hp. b. Bab. & W. Heine. 56,000 kw. turb. (stm.) G. E., West; 1800 hp. turb. (wtr) Smith.
 Power stas. at Lowellville and Youngstown and Ellwood City, Pa.; sub-stas. at Niles, Hubbard, Lowellville and Youngstown, O., and New Castle and Sharon, Pa.; repair shops at Hazelton and Masury; trans. volt. 22,000 & 66,000 v; trolley volt. 600 v.
 7 sub-stas. tot. cap. 9,600 kw.; 13 rot. conv; 9 mo. gen. sets.
 Reaches Idora Park (owned), South Side and Mill Creek Parks, and Cascade Park, Newcastle, Pa.
 149.11 miles; 4-8½ g; 201 motor pass., 21 trail pass., 5 fgt. motor, 3 fgt. without motors and 36 service cars. ★69

58 - Youngstown Munic. Ry. — Office 17 E. Boardman St. (A subsidiary of the Mahoning & Shenango Ry. & Lgt. Co.) Connects Youngstown, E. Youngstown, Poland and Struthers.)
 Pres., R. P. Stevens, 60 Broadway, New York, N. Y.
 V. Pres. & Gen. Mgr. R. T. Sullivan..... Youngstown
 Sec., F. E. Wilhin..... "
 Treas., E. G. Dunlap..... "
 Audr., Asst. Sec. & Asst. Treas., G. E. Dunny..... "
 Gen. Supt. & Pur. Agt. J. B. Stewart, Jr. "
 Asst. Gen. Supt. Rufus Moses "
 Asst. Pur. Agt., H. J. Waine "
 Claim Agt. B. P. Wood..... "
 Ch. Engr. Pwr. Sta. F. V. Canning..... "
 M. M., J. A. Duffy "
 Supt. M. of W. & Engr. Ovhd. Constr., C. C. Beckman... "
 Pwr. Sta. equip.: 2 d. c. G. E. tot. 1000 kw.; 4 a. c. West., G. E. tot. 11,000 kva. 2200 v. 60 cys.; 3756 hp. b. Heine, B. & W.; 1000 kw. stm. turb. G. E. West; trans. volt. 23,000 v
 1 sub-sta. cap. 4000 kw.; 7 mo. gen. sets.
 Pwr. Sta. at North Ave., Youngstown; repair shops at Youngstown.
 Reaches Idora Park, 59 miles; 4-8½g; 89 motor pass., 11 trail pass. and 11 service cars. §69

860—Youngstown & Suburban Ry. Co.— Office, 21-23 E. Front St. (Successor to Youngstown & Southern Ry. Co.) (Connects Youngstown and Leetonia; at Leetonia, connects with Youngstown & Ohio River R. R. for Salem, Canton, Alliance, Lisbon, East Liverpool and Washingtonville.) (Controlled by Municipal Service Co., Philadelphia, Pa.)
 Pres. —
 V. Pres. J. H. McClure..... Oil City, Pa.

Sec. John E. Zimmerman, Philadelphia, Pa.
 Treas. Joseph W. Swain, Jr. "
 Gen. Mgr. A. W. Hartford... Youngstown
 M. M., M. C. Cromleigh "
 Energy purchased from Y. & O. R. R. R. Co. trans. volt. 22,000 v; trolley volt. 650 v. Repair shops at Youngstown.
 Reaches Southern Park and Race Track (owned).
 38.18 miles; 4-8½ g; 9 motor and 10 other cars. ★59j

861—Republic Ry. & Lt. Co.— Corporate office, 15 Exchange Pl., Jersey City, N. J. (Owns directly the Zelenople (Pa.) Lt. & Pwr. Co. Controls through stock ownership the Mahoning & Shenango Ry. & Lt. Co., which operates the Zelenople Lt. & Pwr. Co. and owns and controls directly the following companies: New Castle Elec. Co., New Castle Elec. St. Ry. Co., The New Castle & Lowell Ry. Co., New Castle & Lowell Realty Co., New Castle & Mahoningtown St. Ry. Co., New Castle Trac. Co., Pennsylvania & Mahoning Valley Ry. Co., The Sharon & New Castle Ry. Co. (Ohio), Sharon & New Castle St. Ry. Co. (Pa.), The Shenango Valley Elec. Lt. Co., Pennsylvania Pwr. Co. Youngstown & Niles Ry.) Republic Corp. and Idora Park Amusement Co.
 Pres. Harrison Williams, 60 Broadway, New York, N. Y.
 V. Prests. { Gen. Counsel. Wm. M. Coleman. " "
 { R. P. Stevens..... " "
 Sec. & Treas. E. W. Freeman.. " "
 Asst. Sec. & Treas. L. J. Hart.. " " 59

ZANESVILLE. 30,863 (1916).

862—Southeastern Ohio Ry. Co.— Office, 129 N. 4th St. (Successor to The Southeastern Ohio Ry. Lt. & Pwr. Co.) (Connects Zanesville, Roseville and Crooksville.)
 Pres. S. W. Harper... Wheeling, W. Va.
 V. Pres. & Gen. Mgr. W. A. Wilson..... Zanesville
 Treas. & Audr. Wm. H. Neikirk "
 Ch. Engr. E. Davis..... "
 Engr. Overhd. Constr. N. J. Simons..... "
 Power sta. equip. 2 d. c. West. tot. 1200 kw; 1 a. c. West. 500 kw. 11,000 v. 3 ph. 60 cys; — hp. e. H. O. & R; 1200 hp. b. Geary; trans. volt. 11,000 v; trolley volt. 550 v. d. c.
 Power sta. at Elizabeth (no P. O.); repair shops at Avondale.
 Controls Maxahala Park and reaches Beechwood Park.
 16 miles; 4-8½ g; 12 motor and 7 other cars. (Co. sells energy for lighting and power.) 118

OKLAHOMA.

ARDMORE. 20,000 (1916).

863—Ardmore Railway Co.—Office, 608 Simpson Bldg. (Successor to Ardmore Elec. Ry.)
 Pres. Edward Galt..... Ardmore
 V. Prests. } Wirt Franklin..... "
 { S. A. Apple..... "
 Sec. & Gen. Mgr. James Barron "
 Treas. Roy M. Johnson..... "
 Audr. A. P. Calvin..... "
 Supt. H. H. Helm..... "
 Energy purchased from Consumers Lt. & Pwr. Co.
 Repair shops at Ardmore.
 Owns Forest Park.
 3.87 miles; 4-8½ g; 4 motor pass. cars and 1 other car. ★69

BARTLESVILLE. 12,000.

864—Bartlesville Inter-Urban Ry. Co.—Office, 218 East 3d St., Bartlesville. (Controlled by Cities Service Co., New York, N. Y.) (Connects Bartlesville and Dewey.)
 Pres. Henry L. Doherty
 60 Wall St., New York, N. Y.
 1st V. Pres. Frank W. Frueauff, " "
 2d V. Pres. & Gen. Mgr. W. W. Lowe Bartlesville
 Sec., Treas. & Andr. E. R. Wait " "
 Supt. Frank H. Stobbart " "
 Pur. & Claim Agt. E. S. Edwards " "
 Chief Engr. Dee Steele " "
 Roadmaster J. Frank Johnson " "
 Power sta. equip. 1 d. c. G. E. 150 kw; 8 a. c. Allis-C. West. tot. 2175 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Allis-C; 1925 hp. b. Bab. & W; 1750 kw. turb. Allis-C; West.; trans. volt. 2300 & 6600 v; trolley v. volt. 550 v.
 Power sta. and repair shops at Bartlesville.
 10.1 miles; 4-8½ g; 11 motor cars and 1 other car. (Does lgt. and pwr. business in Bartlesville and Dewey.) ★59

CHICKASHA. 15,447 (1916).

865—Chickasha St. Ry. Co.—Office Chickasha. (Connects Chickasha with adjacent towns in Grady County.)
 Pres. Lawrence Martin Chickasha
 V. Pres. W. R. Emerson Wakefield, Mass.
 Sec., Asst. Treas., Pur. Agt., Supt. & Claim Agt. Wm. H. Wadsworth Chickasha
 Treas. & Gen. Mgr. Chas. F. Woodward Wakefield, Mass.
 Park Mgr. Ben. F. Johnson Chickasha
 Power sta. equip. 1 d. c. G. E. 75 kw; 1 a. c. West. 200 kw. 2300 v. 3 ph. 60 cys; trolley volt. 600 v.
 Repair shops at 19th St. & Dakota Ave. Reaches University Park.
 6.5 miles; 4-8½ g; 7 motor cars. 59

EL RENO. 7,872.

(See No. 873.)

ENID. 20,307 (1916).

866—Enid City Ry.—Office, 1001 Schwind Bldg., Dayton, O.
 Pres. & Gen. Mgr. C. H. Bosler Dayton, O.
 V. Pres. E. T. Hall
 702 Commercial Bldg., " "
 Sec. S. M. Krohn " "
 Treas. E. A. Hochwalt " "
 Andr. Ruth Kimmell Enid
 Supt., Claim & Pur. Agt. C. Kline. " "
 M. M., A. L. Ruth. " "
 Energy purchased from Enid Elec. & Gas Co.
 Repair shops at West Oklahoma Ave. Reaches University Park.
 6.92 miles; 4-8½ g; 10 motor and 6 other cars. 79

GUTHRIE. 12,035 (1916).

867—The Guthrie Ry. Co.—Office, 218 W. Oklahoma Ave., Guthrie. (Controlled by Oklahoma Ry. Co.)
 Pres. Geo. H. Brauer Oklahoma City
 V. Pres. John W. Shartel. " "
 Sec. Chas. Hoopes " "
 Treas. & Andr. E. J. Richart " "
 Claim Agt. Geo. W. Struble " "
 Pur. Agt. J. W. Hartman Guthrie
 Supt. H. M. Gobble " "
 Asst. Supt. W. M. Partridge " "
 M. M., E. H. Cross " "
 Energy purchased from Public Service Co.
 Repair shops at Guthrie. Reaches Highland and Mineral Wells Parks.
 6.5 miles; 4-8½ g 57

LAWTON. 7,788.

868—Lawton Ry. & Ltg. Co.—Office, 226 "C" Ave., Lawton. (Connects Lawton & Fort Sill.)
 Pres., Gen. Mgr. & Pur. Agt. B. R. Stephens Lawton
 V. Pres., Sec., Treas. & Andr. V. Pres. Sec., Treas. & Andr. B. E. Tabler " "
 Supt. Mot. Pwr. & Equip. M. Plunkett " "
 M. M., L. W. Crews " "
 Pwr. sta. equip. 2 d. c. G. E. West. tot. 250 kw; 850 hp. e. Bckye; 850 hp. b. Ruemell; trolley volt. 600 v.
 Power sta. and repair shops at Lawton. 6 miles; 4-8½ g; 7 motor pass. cars. ★59

McALESTER. 18,504 (1916).

869—Pittsburgh County Ry. Co.—Office, 19 E. Choctaw Ave. (Has taken over railway property of Choctaw Ry. & Ltg. Co.) (Connects McAlester, Krebs, Alderson, Bache, Dow, Haileyville and Hartshorne.)
 Pres. Chas. N. Mason,
 71 Broadway, New York, N. Y.
 V. Pres. Julius A. Trawick
 Ames Bldg., Boston, Mass.
 Sec. & Treas. S. M. Bachman
 71 Broadway, New York, N. Y.
 Andr., C. H. King, Jr. McAlester
 Gen. Mgr. & Pur. Agt. J. C. Chestnut " "
 Claim Agt. and Trainmaster J. H. Baker " "
 Gen. Fgt. & Pass. Agt. C. W. Bridges " "
 Ch. Engr., H. A. Schmieding .. " "
 M. M., J. L. Bogue " "
 Roadmaster, J. M. Putnam " "
 Energy purchased from Choctaw Pwr. & Ltg. Co.; trans. volt. 22,000 v; trolley volt. 600 v.
 Repair shop at McAlester.
 24.43 miles; 4-8½ g; 11 motor pass., 2 fgt. without motors and 8 service cars; 1 elec. loco. ★59

MUSKOGEE. 44,218 (1916).

870—Muskogee Electric Trac. Co.—Office, Muskogee. (Connects Bacone, Muskogee and Ft Gibson.)
 Pres., Louis K. Hyde Plainfield, N. J.
 V. Pres., R. D. Benson
 11 Broadway, New York, N. Y.
 Sec. Treas. & Pur. Agt. W. M. Cutlip Muskogee
 Andr. Chas. E. Fordick,
 11 Broadway, New York, N. Y.
 Mgr. R. D. Long Muskogee
 M. M., C. W. McCall " "
 Energy purchased from Muskogee Gas & Elec. Co.
 Repair shops at Muskogee. Reaches and owns Hyde Park.
 31 miles; 4-8½ g; 35 motor and 2 other cars. ★59

NOWATA. 3,672.

(See No. 330.)

OKLAHOMA CITY. 100,000. (1917.)

871—Capital Traction Co.—Office, 100½ No. Broadway, P. O. Box 424, Oklahoma City. (Operates Citizen's Trac. Co. which was organized as a consolidation of the lines of the Okla. City Land & Development Co. and the Okla. Interurban Trac. Co.)
 Pres. & Gen. Mgr. W. F. Harn Oklahoma City
 1st V. Pres. H. S. Hurst " "
 2d V. Pres. D. M. Wilson " "
 Sec. S. A. V. Howell " "
 Treas. Jno. F. Winans " "
 Supt. Geo. U. Harn, Jr.
 22nd St. & Santa Fe Ave. " "

Power sta. equip; 1 d. c. Ft. W. 150 kw; 1 e. (gas) I. H. Co; trolley volt. 550 v. Energy also purchased from Okla. Ry. Co.
 Power sta. and repair shops at 22d St. & Sancha Fe Ave.
 Reaches North East Lake, State Capitol and park owned by city.
 4 miles; 4-8½ g; 2 motor pass. and 2 other cars. 118

873 - Oklahoma Ry. Co. - Office, 209 Terminal Bldg. (Operates in Oklahoma City and El Reno; also interurban lines connecting Oklahoma City, Yukon, El Reno, Britton, Edmond, Guthrie, Moore, Putman City, Bethany, Banner and Norman.) (On Jan. 1, 1917, The North Canadian Valley Ry. was taken over.)

Pres. Anton H. Classen... Oklahoma City
 V. Pres. & Gen. Mgr. John W. Shartel
 Sec. & Asst. Opr. Mgr. Chas. Hoopes
 Treas. E. J. Richart
 Andr. W. C. Jones
 Pur. Agt. R. R. Evans
 Claim Agt. Geo. W. Struble
 Fgt. & Pass. Agt. T. B. Galyen
 Ch. Engr. & Asst. Plant Mgr.
 G. B. Treat
 Elec. Engr. W. K. Danvers
 Ch. Engr. Pwr. Sta. W. A. Fullgraf.
 M. M., W. E. Voss
 Roadmaster, M. Cummings
 Engr. of Ovhd. Constr. Wm. Hahn
 Power sta. equip. 4 a. c. West, G. E. tot. 8000 kw. 6600 v. 3 ph. 25 and 60 cys; 1500 hp. e. F. & S; 3800 hp. b. Bab. & W; 7100 kw. stm. turb. G. E. West; trans. volt. 33,000-18,500 & 6600 v; trolley volt. 600 v.
 6 sub-stas. tot. cap. 6600 kw; 12 rot. conv.
 Power sta. at Belle Isle; repair shops at Olle St. bet. 2d & 4th Sts.
 Reaches Belle Isle.
 184 miles; 4-8½ g; 100 motor and 48 other cars. (Co. sells energy.) ★59

OKMULGEE, 6,000.

874 - Okmulgee Trac. Co. - Office, Okmulgee. (Successor to Okmulgee Inter-Urban Ry. Co.)
 Pres. E. M. Buxton
 85 Exchange St., Portland, Me.
 V. Pres. & Gen. Mgr.
 M. M. Simons... Okmulgee
 Sec., Treas. & Andr. E. E. Fustel... Tulsa
 Energy purchased from Okmulgee Ice & Lt. Co.
 Reaches Lake Clark.
 3.5 miles; 4-8½ g; 4 motor and 1 other car. 118

SAPULPA, 12,929 (1916).

875 - Sapulpa Elec. Interurban Ry. - Office, Sapulpa. (Successor to Sapulpa & Interurban Ry. Co.) (Controlled by Oklahoma Union Ry. Co.) (Connects Sapulpa, Kiefer & Glen Poel.)
 V. Pres. & Gen. Mgr. R. V. Miller, Sapulpa
 Sec. Allen McCooshy
 Treas. I. F. Crow
 Andr. S. C. Prescott
 Ch. Engr. Pwr. Sta. Walker Reeves
 M. M., J. F. Broome
 Power sta. equip. 1 d. c. G. E. 800 kw; 800 hp. e. (gas) Bessemer; trolley volt. 600 v.
 Power sta. and repair shops at Sapulpa.
 12 miles; 4-8½ g; 8 motor and 2 other cars. 118

SHAWNEE, 18,138 (1916).

876 - Shawnee-Tecumseh Traction Co. - (Connects Shawnee and Tecumseh.)
 Pres. Louis K. Hyde... Plainfield, N. J.
 V. Pres. R. D. Benson
 11 Broadway, New York, N. Y.
 Sec. W. M. Cutlip... Muskogee

Gen. Mgr. R. D. Long... Shawnee
 Supt. A. L. Blackwell...
 Energy purchased from Shawnee Gas & Elec. Co.; trolley volt. 600 v.
 Repair shop at Shawnee.
 Reaches Benson Park (owned).
 12 miles; 4-8½ g; 10 motor pass. and 1 other motor car. 118

TULSA, 30,575 (1916).

878 - Sand Springs Ry. Co. - Office, 35 North Main St., Tulsa. (Connects Tulsa and Sand Springs.)
 Pres. & Treas. Chas. Page
 415 First Natl. Bk. Bldg., Tulsa
 1st V. Pres. T. H. Steffens
 Sec. C. F. Tingley
 415 First Natl. Bk. Bldg.
 Andr. Charles F. Smith
 Gen. Mgr. & Engr. Ovhd. Constr.
 Henry T. Morrison
 Supt. H. J. Miller
 Pur. Agt. J. S. Nicholas
 Claim Agt. F. B. Long
 Ch. Engr. Clo. Tingley
 Elec. Eng. & Ch. Engr. Pwr. Sta.
 Clarence Tingley
 M. M., J. E. Irwin... Sand Springs
 Engr. M. of W., C. C. Whisman
 Traffic Mgr. J. S. Babbitt... Tulsa
 Energy purchased from Sand Springs Pwr., Lt. & Wtr. Co.
 Repair shops at Sand Springs.
 Reaches Sand Springs Park (controlled).
 32 miles; 4-8½ g; 9 motor pass., 6 trail pass., 1 fgt. motor, 27 fgt. without motors and 18 service cars; 3 elec. and 3 stm. locos. (Company does lighting and power business.) ★69

879 - Tulsa St. Ry. Co. - Office, Tulsa. Gen. office, Schwind Bldg., Dayton, O.
 Pres. & Gen. Mgr. C. H. Bosler... Dayton, O.
 V. Pres. S. H. Carr
 Sec. & Treas. D. W. Allaman
 Supt. Morris McGrath... Tulsa
 Energy purchased from Public Service Co. of Oklahoma.
 Repair shops at Tulsa.
 14 miles; 4-8½ g; 35 motor cars and 1 work car. 59

880 - Oklahoma Union Railway Co. - Office, 103 W. 4th St. (Successor to The Tulsa Traction Co., which acquired the Oklahoma Union Trac. Co.'s property in Tulsa.) (Controls the Sapulpa Elec. Interurban Ry.) (Connects Kiefer, Sapulpa, Red Fork and Tulsa.)
 Pres. G. C. Stebbins... Tulsa
 Sec. & Treas. I. F. Crow
 Andr., Claim Agt. & Gen. Fgt. & Pass. Agt. P. W. Lass
 Gen. Mgr. & Pur. Agt. R. V. Miller
 Supt. J. F. Broome... Sapulpa
 Ch. Engr. D. W. Patton... Tulsa
 Elec. Engr. J. A. Patterson
 M. M., E. D. Nelson
 Engr. M. of W., J. A. Ladd
 Engr. Ovhd. Constr. W. A. Corbett
 Energy purchased from Public Service Co. of Oklahoma.
 Reaches Orcutt Lake.
 25 miles; 4-8½ g; 25 motor pass. cars. ★69

OREGON.

ALBANY, 4,375

(See No. 888.)

ASTORIA, 10,363 (1916)

881 - Pacific Pwr. & Lt. Co. - Office Gasco Bldg., Portland. (Operates street railways in Astoria, and controls Walla Walla Valley Ry. Co. which operates street railways in Walla Walla,

Wash., and interurban line between Walla Walla, Wash., and Milton, Ore.) (Controlled by American Pwr. & Lt. Co., for which Electric Bond & Share Co. is fiscal agent.)

Pres. Guy W. Talbot Portland
 V. Pres. & Gen. Atty. John A. Laing, "
 Sec. & Treas. Geo. F. Nevins.... "
 Gen. Mgr. Lewis A. McArthur.. "
 Pur. Agt. H. W. Bathiany..... "
 Ch. Engr. H. H. Schoolfield..... "
 Distr. Mgr. B. P. Bailey..... Astoria
 Power sta. equip. (Astoria stm. plant);
 2 d. c. G. E. tot. 525 kw; 3 a. c. G. E. tot.
 1575 kw. 3 ph. 60 cys; 2150 hp. e. Mcl.
 & S; 1150 hp. b. Cahall; trans. volt. 2300 v;
 trolley volt. 600 v. Energy also pur-
 chased from Hammond Lumber Co; tot.
 4100 kw.

Power sta. and repair shop at foot of Astor St.

5.53 miles (Astoria lines); 3-6 g; 11 motor, 6 trail and 8 fgt. cars; 1 elec. loco. (Co. does ltg. and pwr. business.) ★59

CAZADERO.

(See No. 886.)

EUGENE. 13,572 (1916).

(See No. 888.)

MEDFORD. 14,118 (1916).

883 - Southern Oregon Tractiom Co.—Office, 25 West Main St., Medford. (Operates in city of Medford and suburbs (3.5 miles) and connects Medford and Jacksonville.) Oct. 18, 1918, F. W. Miles was appointed receiver.

Pres. S. S. Bullis.....Medford
 V. Pres., Gen. Mgr., Pur. Agt. & Ch. Engr. S. M. Bullis..... "
 Sec., Treas. & Gen. Fgt. & Pass.. "
 Agt. R. S. Bullis..... "
 Energy purchased from California-Oregon Pwr. Co.; 1 motor gen. set West. 250 kw; trolley volt. 600 v.

Sub-sta. at Highland Pk., Medford.
 8.19 miles (2.05 miles steam): 4-8½ g; 2 motor and 11 other cars; 2 steam locos. 128

NORTH PORTLAND

882a—Kenton Trac. Co.—Office, North Portland.

Pres. C. C. Colt.....North Portland
 V. Pres. Chas. H. Carey.....Portland
 Sec. & Treas.

Geo. F. Anderson.....North Portland
 Gen. Mgr. Geo. F. Hensner..... Portland
 Supt. Chas. L. Brown....North Portland
 Pwr. Sta. equip. 2 d. c. G. E. tot. 400 kw; trans. volt. 2300 v; trolley volt. 600 v.
 1 sub-sta. cap. 300 kw; 1 mo. gen. set.
 3 miles; 6 motor and 2 other cars. \$19

OREGON CITY. 4,287.

(See also No. 886.)

883 - Willamette Valley Southern Ry.—Office, 1512 Main St. (Connects Oregon City, Beaver Creek, Spangler, Mulino, Liberal, Molalla, Hitchman, Monitor and Mt. Angel.) (Controlled by Portland Ry., Lt. & Pwr. Co.)

Pres. Grant B. Dimick.....Oregon City
 V. Pres. Geo. A. Harding.... "
 Sec. O. D. Eby..... "
 Treas. W. A. Huntley..... "
 Andr. C. M. Baker..... "
 Traffic Mgr. Claim & Pur. Agt. Edwin Foster..... "
 Supt. & Ch. Engr. J. L. Stacer "
 M. M., F. D. Ellis..... "
 Energy purchased from Portland Ry., Lt. & Pwr. Co.; trolley volt. 1200 v.
 Sub-stas. at Monitor & Beaver Creek; air shop at Oregon City.

1 mo. gen. West. 717 kva. 2300 v. 3 ph. 60 cys; 1 d. c. 500 kw. 1200 v; 1 transf. 715 kva. 57,100/890 v. 3 ph. 60 cys.
 31.9 miles; 4-8½ g; 3 motor pass. and 3 trail pass. cars; 1 elec. loco. ★59

PORTLAND. 295,463 (1916).

(See also Nos. 1180 and 1181.)

884 - Oregon Elec. R. R. Co.—Office Pittock Bldg., Portland. United States Railroad Administration. (Connects Portland, Tigard, Tualatin, Hillsboro, Forest Grove, Woodburn, Salem, Albany, Harrisburg, Junction City, Eugene, and Corvallis. Physical connection with the Southern Pacific Co., at Albany, for interchange of traffic.)

Fed. Mgr. A. J. Davidson.....Portland
 Asst. Gen. Mgr. E. E. Lillie..... "
 Traffic Mgr. W. D. Skinner..... "
 Supt. E. B. Heath 10th & Hoyt Sts., "
 Gen. Claim Agt. H. K. Reif..... "
 Supt. Car. Serv. & Tel. H. M. Huston, "
 Asst. Gen. Fgt. Agt. R. W. Pickard, "
 Asst. Gen. Pass. Agt. R. H. Crozier, "
 Pur. Agt. R. E. Scott..... "
 Ch. Engr. Alex M. Lupfer..... "
 Elec. Supt. E. R. Cunningham. "

Front & Jefferson Sts.. "
 Supt. Mot. Pwr. Jno. Dickson, "
 M. M., D. I. Clough, 10th & Hoyt Sts., "
 Roadmaster, C. W. Whifield, "

Energy purchased from Portland Ry., Lt. & Pwr. Co.; trans. volt. 60,000 v; trolley volt. 1200 v.

Repair shops at Head & Porter Sts., Portland

154 miles; 4-8½ g; 58 motor pass., 24 other passenger, 115 fgt. and 17 misc. cars; 10 elec. locos. 59

885 - Portland & Oregon City Ry. Co.—Office, 416 Lumbermens Bldg., Portland. (Connects Portland, Milwaukie, Clackamas and Bakers Bridge.)

Pres. J. L. Sprinkle.....Chinook, Mont.
 V. Pres. Geo. W. Roberts, "
 Sec. Treas. & Gen. Mgr. F. M. Carr.....20 E. 24 St., Portland
 Andr. C. E. Sprinkle..... "
 Ch. Engr. Ralph McIntire.....Milwaukie
 M. M., S. Link.....Portland

Repair shops at Brooklyn.
 Reaches amusement park.

16 miles; 4-8½ g; 2 motor pass., 2 trail pass. and 7 other cars; 3 gasoline locos. (Will extend line from Bakers Bridge, which is near Carver, to Highland, a distance of about 8 miles.) (Electrification contemplated.) ★59

886 - Portland Ry., Lt. & Pwr. Co. —Office, Elec. Bldg., Broadway and Alder Sts., Portland. (With the exception of two interurban lines, company operates all the electric railways in Portland and vicinity, including interurban lines to Oregon City, Troutdale, Cazadero and Bull Run and over the new interstate bridge to Vancouver, Wash.)

(Controls through ownership of stock Willamette Valley Southern Ry. and Yamhill Electric Co.) (Under management of E. W. Clark & Co.)
 Pres. Franklin T. Griffith.....Portland

{ F. I. Fuller "
 { H. L. Clark "
 V. Prests. { 321 Chestnut St., Philadelphia, Pa.
 { E. W. Clark..... "

Sec. & Asst. Treas. G. L. Estabrook, 321 Chestnut St., "
 Treas. & Asst. Sec. C. N. Huggins Portland
 Asst. Treas. Wm. Lilley, Philadelphia, Pa.
 Andr. & Asst. Sec. R. W. Shepherd Portland
 Gen. Supt. O. B. Coldwell..... "
 Supt. Transpt. F. Cooper..... "
 Supt. Hydro Plants A. Drill..... "
 Supt. Inter. Lines G. C. Fields... "
 Supt. Bridges & Bldgs. J. E. Reinke "

Supt. Lt. & Pwr. C. P. Osborne.. Portland
Efficiency Engr. E. H. LeTourneau "
Claim Agt. B. F. Boynton..... "
Traffic Mgr. F. D. Hunt..... "
Pur. Agt. W. J. Morris..... "
Constr. Engr. E. D. Searing..... "
Oper. Engr. R. R. Robley..... "
Hydraulic Engr.
T. W. Sullivan..... Oregon City

Ch. Engr. Pwr. Sta. (Stm)
W. I. Barley..... Portland
M. M., F. P. Maize..... "
Engr. M. of W., T. Pumphrey.... "

Road- { **S. L. Banks, City Lines** "
masters { **T. A. Harris,** "
Internrbn Lines "
Engr. Ovhd. Constr. H. R. Wakeman "

OREGON CITY STA. B.—13 a. c. G. E. Allis-C. tot. 6280 kw. 3 ph. 33 & 60 cys; 2 d. c. Allis-C. tot. 1000 kw; 14,400 hp. turb. Victor, McC; trans. volt. 60,000-10,000 v. NORTH PORTLAND STA. E.—5 a. c. G. E. tot. 12,500 kw. 3 ph. 60 cys; 18,500 hp. e. W. I. & S. Wks, Cor, Allis C., G. E; trans. volt. 10,000-83,000 v.

CAZADERO STA. G.—5 a. c. G. E. Allis-C. tot. 14,250 kw. 3 ph. 33 & 60 cys; 26,800 hp. turb. (wtr.) Victor; 1 turbo. mot. gen. set. for extg. 125 hp; 1-400 kw. rot. conv. 600 v. 3 ph. 33 cys.; trans. volt. 57,100-33,000 v.

PORTLAND STA. L.—2 a. c. G. E. tot. 4000 kw. 10,000-2300 v. 3 ph. 60 cys; 1 d. c. G. E. 2000 kw. 600 v; 2500 hp. e. H. O. & R; 8000 hp. turb. (stm.) Curtis; 2 G. E. mot. gen. sets tot. 2000 kw. 11,000 v. a. c. 600 v. d. c.

SALEM STA. H.—1 d. c. G. E. 400 kw; 1 a. c. West. 250 kw. 3 ph. 60 cys; 2 mot. gen. sets tot. 523 kw; 2 G. E. frequency changers 1500 kw. 33 & 60 cys; 1600 hp. e. Cor, Fulton, L. & B, Stir; 800 hp. b; trans. volt. 57,100 v.

SILVERTON STA. J.—1 a. c. West. 250 kw. 3 ph. 60 cys; 700 hp. turb. West.

RIVERMILL STA. M.—8 a. c. G. E. tot. 9900 kw. 11,000 v. 3 ph. 60 cys; 18,900 hp. turb. Platt Iron Wks; 150 hp. turb. fo- m. g. exciter set; trans. volt. 57,100 v.

ST. JOHNS STA. N.—1 a. c. Allis C. 2500 kw. 11,000 v. 60 cys; 3350 hp. stm turb. Parsons.

BULL RUN STA. O.—3 a. c. West. tot. 11,250 kva. 6600 v. 60 cys; 13,800 hp. turb. Platt Iron Wks; 6400 hp. turb. Wellman-Seaver-Morgan.

Total of Station equip. 4 d. c. Allis-C, G. E. tot. 3400 kw; 84 a. c. Allis-C, West., G. E. tot. 61,180 kw. 3 ph. 33 & 60 cys. 2300-6600. 11 000 v; 6600 hp. e. Ham, Cor. Wms, Iron & Steel; 27,850 hp. stm. turb. Parsons, Curtis; 73 600 hp. turb. Victor-McC. Platt. W. S. M.; trans. volt. 57,100' 33,000-11,000-57,100 v; trolley volt. 600 v.

Power stas. at Cazadero, Oregon City, Portland, Salem, Silverton, Rivermill, St. Johns and Bull Run; repair shops at Center St., Portland.

19 sub-stas. tot. cap. 53,560 kw., 17 rot. conv. & 27 mo. gen. sets.

Reaches "The Oaks" (owned), Council Crest, Hayden Island, City Park and Columbia Beach.

309.9 miles (does not include Willamette Valley Southern Ry.); 3-6 g. & 4-8½ g; 593 motor pass. 50 trail pass. 8 fgt. motor. 310 fgt. without motors and 129 service cars; 9 elec. and 2 stm. locos. (Co. does a general lighting and power business.) ★59

887—Portland-Troutdale Electric Railway Co. (Part of the Portland Ry. Lt. & Pwr. Co's. System. Connects Portland and Parkrose.)

Pres. E. L. Thompson
 402 Central Bldg. Portland
V. Pres. J. L. Hartman.. "
Gen. Mgr. Lewis I. Thompson "
Supt. A. J. Pike, 402 Central Bldg, Portland
Ch. Engr. K. B. Stevens "
M. M., H. Maize..... "
 3.5 miles; narrow g; 8 motor cars. 77

888—Southern Pacific Co. (Portland Div.)—For executive officers, see San Francisco, Cal. (Extends from Portland to Corvallis, via Hillsboro, Forest Grove, St. Joseph and McMinnville; and from Portland to St. Joseph via Newberg. Operates city lines at Springfield, Salem, West Linn and Eugene (line connecting Springfield and Eugene, 4.11 miles) and (line out of West Linn to Willamette, 5.7 miles.) Physical connection with the Oregon Elec. Ry. Co., at Albany, for interchange of traffic.)

Claim Agt. L. Frank Gordon.... Portland
Supt. A. T. Mercier "
Elec. Engr. Paul Lebenbaum.... "
Div. Engr. & Engr. M. of W.

H. M. Lull..... "
Signal Engr. P. Schultz..... "
Fmn. Sub-sta. C. C. Hayden..... Oswego

Gen. Fmn. Shops
Walter Harris Beaverton
M. M., D. M. McLaughlan Portland

Energy purchased from Portland Ry., Lt. & Pwr. Co; 7 a. c. G. E. 5040 hp., 18,200 v. 60 cys.

5 sub-stas. tot. 5500 kw; 4 rot. conv. 750 v. d. c.; trans. volt. 60,000 & 18,200 v; trolley volt. 1600 v.

Repair shops at Beaverton. 163 miles; 4-8½ g; 38 mo. and 11 other cars. ★69

889—United Railways Co.—Office, Pittcock Block, Portland. (Controlled by Spokane, Portland & Seattle Ry. Co.) (Connects Linnton, Burlington, N. Plains and Wilkesboro; to Portland via junction at Linnton with the Spokane, Portland and Seattle Ry. line (stm.))

Pres. F. S. Elliott..... Portland
V. Pres. W. F. Turner "
Sec. & Asst. Compt. Robt. Crosbie "
Treas. & Pur. Agt. C. C. Rose.... "

Energy purchased from Portland Ry., Lt. & Pwr. Co; trans. volt. 34,000 v; trolley volt. 1200 v.

Repair shop at Hood & Porter Sts., Portland.

24 miles; 4-8½ g; 7 motor pass., 3 other passenger and 14 fgt. cars. ★79

SALEM. 20,378 (1916).
 (See Nos. 884 and 888.)

SPRINGFIELD. 1,838.
 (See No. 888)

UNION. 1,483.

890—Central R. R. of Oregon.—Gen. Office, Boston, Mass. Local Office, Union. (Purchased the Union St. & Suburban Ry.) (Connects Union, Union Jct., Hot Lake and Cove.)

Pres. Edwin Wilcock
 164 Federal St., Boston, Mass.
V. T. Hammer, Branford, Conn.
V. Prests. { Pur. Agt. R. H. England
 Rochester, N. Y.

Sec. S. L. Squirer..... West Haven, Conn.
Treas. Chas. E. Graham

238 Wooster St., New Haven, Conn.
Gen. Mgr. G. E. Dunklee..... Union
Gen. Fgt. & Pass. Agt. A. I. Bideler "

Repair shop at Union. 2.6 miles (elec.); 18 miles (stm.); 4-8½ g; 14 cars: 3 locos. (118 miles Union, Ore., to Walla Walla, Wash., under construction.) 118

PENNSYLVANIA.

ALLENTOWN. 68,505 (1916).
 (See also No. 920.)

891—Allentown & Reading Trac. Co.—Office, 121 N. 5th St., Reading. (Controls Kutztown & Fleetwood St. Ry. Co.) (Connects Allentown, Kutztown and Reading.)

Pres. Howard E. Ahrens..... Reading
 V. Pres. W. D. Mohn..... Mohntown
 Sec. I. A. Diener..... Hamburg
 Treas. & Claim Agt.
 Geo. B. Schaeffer..... Reading
 Supt., Pur. Agt. & M. M.,
 M. Heffner..... Kutztown
 Park Mgr. F. S. Kinsey..... Reading
 Power sta. equip. 2 d. c. West. tot. 800
 kw; 2 a. c. G. E. tot. 850 kw 2 ph. 60 cys;
 1800 hp. e. Bates, Green; 700 hp. b. Bab. &
 W. Heine; trans. volt. 5500 v; trolley volt.
 550 v.
 Power station and repair shop at
 Kutztown.
 Owns Dorney Park.
 47.1 miles; 5-3/4 & 4-8/16 g; 37 motor and
 5 other cars; 1 snow plow. 77

892—Bethlehem & Nazareth Pas-
 senger Ry. Co.—Gen. office, Bethle-
 hem. (Controlled (by lease) by the
 Lehigh Valley Transit Co. Connects
 Bethlehem and Nazareth.)
 Pres. H. R. Fehr..... Allentown
 Sec. & Treas. C. N. Wagner.... "
 Gen. Supt. E. C. Spring..... "
 Energy from Lehigh Valley Transit Co.;
 trolley volt. 600 v.
 Reaches park at Rittersville.
 10 miles; 4-8 1/2 g; 6 motor cars. 59

893—Lehigh Valley Transit Co.
 —Office, 14th & Gordon Sts., Allen-
 town. (Successor to Lehigh Valley
 Trac. Co. and Philadelphia & L. V.
 Trac. Co., which was a consolida-
 tion with Allentown & L. V. Traction
 Co., the Allentown & Bethlehem Rapid
 Transit Co., Allentown Pass. Ry. Co.,
 Bethlehem & So. Bethlehem St. Ry.
 Co., Catauqua & Northern St. Ry.
 Co., So. Bethlehem & Hellertown St.
 Ry. Co., Allentown & Emaus St. Ry.
 Co., Coplay, Egypt & Ironton St.
 Ry. Co. and Allentown & Slatington
 Ry. Co.) (Connects Allentown, Chest-
 nut Hill, Philadelphia, Bethlehem,
 Nazareth, Hellertown, Macungie,
 Egypt, Northampton, Slatedale, Slatin-
 gton, Catauqua, Richlandtown and
 Norristown.) (Leases Bethlehem &
 Nazareth Pass. Ry. Co., controls the
 Lehigh Valley Lt. & Pwr. Co. and the
 Easton Consolidated Electric Co.
 (which controls Easton Transit Co., the
 Easton, Palmer & Bethlehem St. Ry.,
 the Phillipsburg Transit Co., the
 Edison Elec. Illuminating Co. of Easton
 and the Northampton Central St. Ry.);
 operates Norristown Transit Co. in
 which it owns one-half interest.) (In
 1917, control acquired by Lehigh Pwr.
 Securities Corp., which is under
 management of Electric Bond & Share
 Co.)

Chmn Bd. Harry C. Trexler... Allentown
 Pres. H. R. Fehr..... "
 V. Pres. & Gen. Mgr.
 H. H. Patterson..... "
 Sec. & Treas. C. N. Wagner ... "
 Andr. W. L. Davis..... "
 Gen. Supt. E. C. Spring..... "
 Claim Agt. Wm. J. Trythall.... "
 Pur. Agt. W. R. Fehr..... "
 Gen. Fgt. Agt. W. F. Fetherolf.
 Supt. Ovhd. Lines, H. L. Coker,
 Engr. M. of W., A. F. Smith.... "
 Elec. Engr. A. H. S. Cantlin.... "
 Supt. Equip. W. C. Klein..... "
 Supt. Pwr. E. D. G. Kline..... "
 Power sta. equip. 8 a. c. turbo-gen. West.,
 G. E., Curtis, tot. 30,000 kw. 2900 & 13,200
 v. 3 ph. 25 & 60 cys; 8300 hp. b. Bab. & W;
 trans. volt. 13,200 v; trolley volt. 600 v.
 Repair shops at Madison & Chew Sts.,
 Allentown and Fairview.
 Owns Central Park at Rittersville.
 163.65 miles; 4-8 1/2 g; 185 pass., 21 misc.
 and 14 freight cars; 4 snow plows; 10
 sweepers. (Co. sells energy.) ★59

894—Whitehall St. Ry. Co.—Office
 Young Bldg. (Connects Egypt and
 Levens.)
 Pres. Harry C. Trexler..... Allentown
 V. Pres. E. M. Young..... "
 Sec. Geo. G. Sykes..... "
 Treas. Alonzo F. Walter..... "
 Energy purchased from Lehigh Valley
 Transit Co.
 Reaches Plezic Grounds at Egypt.
 5 miles; 4-8 1/2 g; rents cars from Lehigh
 Valley Transit Co. 59

ALTOONA. 58,659 (1916).

895—Altoona & Logan Valley Elec.
 Ry. —Office, 1200 11th St. (Controlled
 by the American Ry. Co. Company,
 Philadelphia.) (Connects Altoona,
 Tyrone, Belwood and Holidaysburg.)
 Pres. Van Horn Ely
 Witherspoon Bldg., Philadelphia
 V. Pres. { H. J. Crowley. "
 { C. L. S. Tingley " "
 Sec. & Treas.
 Walter W. Perkins..... "
 Asst. Sec., Asst. Treas. &
 Compt. Frank J. Pryor, Jr. "
 Gen. Mgr. S. S. Crane..... Altoona
 Claim Agt. S. B. Hare..... "
 Pur. Agt. G. C. Weirick..... Philadelphia
 Supt. Transp. L. T. Shannon.... Altoona
 Supt. Constr. Francis Tingley.... "
 Ch. Engr. of Pwr. Sta.
 F. W. De Mart..... "
 M. M. Robert Long..... "
 Power sta. equip. 3 d. c. G. E. tot. 1500
 kw; 1 rot. conv. G. E. 300 kw. 6600-430 v.
 3 ph. 60 cys; 2350 hp. e. Mol. & S, Allis-C;
 2100 hp. b. Bab. & W, Heine; trolley
 volt. 550 v. d. c; energy also purchased
 from Penn. Central Lt. & Pwr. Co.
 Power sta. and repair shop at Altoona.
 Owns Lakemont Park.
 54.28 miles; 5-3 g; 105 motor and 14
 other cars. ★59

AVONDALE. 668.

(See No. 944.)

BANGOR. 5,369.

896—Bangor & Portland Trac.
 Co.—Office, 448 Bushkill St., Easton.
 (Connects Bangor, E. Bangor, John-
 sonville, Mt. Bethel and Portland.) (In
 1916, taken over by Northampton Trac.
 Co.)
 Chmn Bd. Thos. A. H. Hay..... Easton
 Pres. Dr. B. F. Dilliard..... East Bangor
 V. Pres., Gen. Mgr. & Pur. Agt.
 W. O. Hay..... Easton
 Sec. & Andr. G. K. Smith..... "
 Treas. Wm. L. Doyle..... "
 Supt. Albert Warrick..... East Bangor
 Claim Agt. Chas. Brunner..... Easton
 M. M., Frank Weidman..... East Bangor
 Energy purchased from Penna. Utilities
 Co.; trolley volt. 550 v.
 Repair shops at East Bangor.
 8.75 miles; 4-8 1/2 g; 7 motor and 2 other
 cars. 59

BEAVER FALLS. 18,532 (1916).

(See also No. 963.)

897—Patterson Heights St. Ry.
 Co.—Office, 1207-7th Ave., Beaver Falls.
 (Connects Beaver Falls and Patterson
 Heights.)
 Pres. Harry W. Reeves..... Beaver Falls
 V. Pres. Chas. R. May..... "
 Sec. & Treas. John T. Reeves "
 Gen. Mgr. Fred Harn..... Beaver Falls
 Elec. Engr. Geo. Erwin.... "
 Energy purchased from Beaver Valley
 Traction Co.; trans. volt. 500 v.
 0.5 miles (combined electric and cable
 ineline); 4-8 1/2 g; 1 motor pass. car. ★59

BERWICK. 5,357.

898—Berwick & Nescopeck St.
 Ry. Co.—Office, 116 Market St., Ber-
 wick. (Connects Nescopeck and Ber-
 wick.)

Pres. Henry P. Field.....Berwick
V. Pres. M. Jackson Crispin..... "
Sec. & Treas. Geo. W. Hill...Beach Haven
Supt. Geo. Sterner.....Berwick
Energy purchased from Columbia &
Montour Elec. Co.
Repair shops at Berwick.
1.66 miles; 4-8½ g; 2 motor cars 78

BETHLEHEM. 14,142 (1916).
 (See also No. 892.)

899—Allen St. Ry. Co.—Office, Beth-
lehem Trust Bldg., Bethlehem. (Con-
nects Nazareth and Bath.)
Pres. Chas. T. Hess....South Bethlehem
Sec. & Treas. Geo. H. Kressler Bethlehem
Supt. W. B. Harper..... "
Energy purchased from Lehigh Valley
Transit Co.; trolley volt. 600 v.
Repair shops at Christian Springs.
5.25 miles; 4-8½ g; 8 motor cars and
1 other car. ★59

BLOOMSBURG. 7,418.

900—North Branch Transit Co.—
Office, Bloomsburg. (Connects Berwick,
Bloomsburg, Danville and Catawissa.)
Receiver, A. W. Duy.....Bloomsburg
Supt., Pur. & Claim Agt.
Douglass Ford..... "
M. M. Norman Fry..... "
Energy purchased from Columbia &
Montour Elec. Co.
Car barn and repair shop at 7th St. &
Berwick Road, Bloomsburg.
Reaches Columbia Park and Montour
Park (owned).
30 miles; 4-8½ g; 25 motor and 4 trail
cars; 3 sweepers. 59

BLUE BALL. 300.
 (See No. 946.)

BOYERTOWN. 2,438.

901—Reading Transit & Light Co.
—(Formerly The Boyertown & Potts-
town Ry. Co.) (Connects Boyertown
and Pottstown.) For officers see
Reading.
Energy purchased from the Metropoli-
tan Edison Co.; trans. volt. 15,000 v. and
2,200 v.
Repair shops at Reading and Potts-
town.
Reaches Ringing at Rocks Park.
12 miles; 5-2½ g; 22 motor cars. 59

BRADFORD. 14,544.
 (See No. 797.)

BRISTOL. 10,608 (1916).
 (See No. 978.)

BROWNSVILLE. 2,324.
 (See No. 991.)

BUTLER. 27,632 (1916).
 (See No. 987.)

CARLISLE. 10,726.

902—Cumberland Ry. Co.—Office,
Carlisle, Pa. (Controls Carlisle & Mt.
Holly Ry. Co., and Mt. Holly Springs
Lt. Co.) (Connects Carlisle, Mt. Holly
Springs, Elliottson, Plainfield, West
Hill and Newville.)
Receiver.....
Treas., Gen. Mgr. & Pur. Agt.
Geo. A. Plough.....Carlisle
M. M. Wm. Walters...Mt. Holly Springs
Engr. M. of W., Geo. Wise " "

Power sta. equip. 2 d. c. West. tot. 800
kw; 2 a. c. West. tot. 120 kw. 2300 v. 3 ph.
60 cys; 850 hp. e. Harrisburg; 600 hp. b.
Keefer; 300 kw. turb. (stm.) West; 300
hp. turb. (wtr.) Smith; trans. volt. 11,000
v; trolley volt. 570 v.
Power sta. and repair shop at Mt. Holly
Springs.
Controls Mt. Holly Springs Park and
Newville Glen Springs Park.
21.5 miles; 5-2½ g; 12 motor and 2 other
cars. 118

903—Valley Rys. — See Lemoyne for
general officers.
Asst. Supt. J. O'Hara.....Carlisle
Park Mgr. H. B. Markley, Boiling Springs
Trans. volt. 12,200 v; trolley volt. 500 v.
Repair shop at Carlisle.
Reaches Boiling Springs.
22 miles; 5-2½ g; 10 cars. 59

CHAMBERSBURG. 12,860 (1916).

904—Chambersburg & Gettysburg
Elec. Ry. Co.—Office, Chambersburg.
(Connects Chambersburg, Fayetteville
and Greenwood.)
Pres. Thos. B. Kennedy...Chambersburg
Sec. & Treas. W.L. Ritchey " "
Audr. F. J. Fell, Jr.....Philadelphia
Supt. D. B. Fretz.....Chambersburg
Pur. Agt. W. G. Davison. " "
M. M., C. W. Westling.... " "
Power sta. and repair shop at Chambers-
burg.
Controls Caledonia Park.
18 miles; 5-2½ g; 12 cars. ★59

905—Chambersburg & Shippens-
burg Ry. Co.—Office, North Second
St., Chambersburg. (Connects Cham-
bersburg, Greenvillage and Shippens-
burg.)
Pres. J. A. Strite.....Chambersburg
V. Pres. A. Nevin Pomeroy " "
Treas. C. P. Miller..... " "
Sec., J. G. Schaff..... " "
Gen. Mgr, Pur Agt. & M.M.
E. F. Goetz..... " "
1 d. c. West. gen; 1 sub sta.
Energy purchased from Shippensburg
Gas & Elec. Co; trolley volt. 550 v.
Repair shop at North 2nd St., Chamb-
ersburg.
Reaches Red Bridge Park (owned.)
12 miles; 5-2½ g; 10 motor pass. cars
and 2 other cars. ★69

CHARLEROI. 11,931 (1916).

906—Webster, Monessen, Belle
Vernon & Fayette City St. Ry.
Co.—Office, Bank of Charleroi Bldg.
(Connects Monessen, Belle Vernon, Ar-
nold City and Charleroi.)
Pres. & Gen. Mgr.
C. F. Thompson.....Charleroi
V. Pres. Kerfoot W. Daly..... " "
Sec. & Audr. R. W. Brown..... " "
Treas. David M. McCloskey..... " "
Supt. & Pur. Agt. D. Guy Callihan " "
Claim Agt. T. H. Warrensford... " "
Energy purchased from West Penn
Pwr. Co.; trolley volt. 550 v.
Repair shop at Charleroi.
8.7 miles; 5-2½ g; 15 motor and 2 other
cars. 59

907—Westside Elec. St. Ry. Co.—
Office, Bank of Charleroi Bldg. (Con-
nects No. Charleroi, Monessen, Char-
leroi, Bentleyville and Ellsworth.)
Pres. W. I. Berryman.....Charleroi
V. Pres., J. J. Holt..... " "
Gen Mgr., C. F. Thompson.... " "
Sec. & Audr. R. W. Brown..... " "
Treas. Kerfoot W. Daly..... " "
Supt. & Pur. Agt. D. Guy Callihan " "
Claim Agt. T. H. Warrensford.. " "
Ch. Engr. Wm. H. Stamm..... " "

Energy purchased from West Penn Pwr. Co.; trolley volt. 550 v.

Repair shops and car house at Charleroi. 11 miles; 5 2/4 g; 7 motor pass. cars; 1 elec. loco. ★59

CHESTER. 41,396 (1916).

(See also No. 1020.)

908—Chester & Eddystone St. Ry. Co.—Office, 13th St. & Edgemont Ave. (Connects Chester and Eddystone.) (Entire capital stock owned by Wilmington & Phila. Trac. Co.) (Controlled and operated under lease by Southern Pennsylvania Traction Co., which see for officers.) 2.4 miles; 5-2 1/4 g. 118

909—Chester Traction Co.—Office, 13th & Edgemont Ave. (Leases Union Ry. Co. of Chester, Chester, Darby & Philadelphia Ry., Chester & Media Elec. Ry., Chester St. Ry. and Chester & Delaware St. Ry., and in turn is controlled and operated under lease by Southern Pennsylvania Trac. Co.) (Entire capital stock owned by Wilmington & Chester Trac. Co., which is controlled by United Pwr. & Transp. Co.) (Connects Wilmington, Philadelphia, Media, Marcus Hook, Upland and Chester.)

Pres. J. A. Rigg

630 Widener Bldg., Philadelphia
Sec. & Treas. T. W. Grookett, Jr.,

630 Widener Bldg., " " " " " "
Power sta. equip. 6 d. c. G. E. West. tot. 1800 kw; 250 hp. e. Weth; 2500 hp. b. Weth; trolley volt. 550 v.

Power sta. at 4th Ave. & Penn St.; repair shop at 18th St. & Edgemont Ave.

Reaches Chester Park and Shellpot Park, Wilmington, Del.

32.4 miles; 5-2 1/4 g; 102 cars. 78

910—Southern Pennsylvania Trac. Co.—Office, Chester. (Controls and operates under lease Chester & Eddystone St. Ry. Co., Chester Trac. Co., Delaware County & Philadelphia Elec. Ry. Co. and Media, Glen Riddle & Rookdale Elec. St. Ry. Co.) (Controlled by Wilmington & Philadelphia Trac. Co., which see for officers.) 118

CLAIRTON. 3,326.

911—Clairton St. Ry. Co.—Ex. office, 435-6th Ave., Pittsburgh.

Pres. S. L. Tone.....Pittsburgh

V. Pres. J. H. Reed..... " "

Sec. W. B. Carson..... " "

Treas. C. J. Braun, Jr..... " "

Compt. C. S. Mitchell..... " "

Gen. Mgr. P. N. Jones..... " "

For operating officials see Pittsburgh Rys. Co.

Energy purchased from Carnegie Steel Co.

1.013 miles; 5-2 1/4 g; 2 pass. motor cars. 59

CLEARFIELD. 8,000.

(See No. 983.)

CLIFTON HEIGHTS. 3,155.

912—Delaware County & Philadelphia Elec. Ry. Co.—Office, Clifton Heights. (Extends from Angora (Phila.) to Media, on Baltimore Ave.) (Stock owned by the United Power & Transp. Co., which is controlled by The Interstate Rys. Co.) (Controlled and operated under lease by Southern Pennsylvania Trac. Co. which is controlled by Wilmington & Phila. Trac. Co.)

Pres. John A. Rigg.....Philadelphia
Sec. & Treas. T. W. Grookett, Jr., " "

COATESVILLE. 14,455 (1916).

(See also No. 1032.)

912a—Coatesville Trolley Co.—Office, 209 Bank Bldg., Coatesville. (Will extend from Coatesville to Modena and connect with Lancaster, via Conestoga Trac. Co. and Westchester, via West Chester St. Ry.)

Pres., Henry S. Rich.....Marietta

V. Pres. Willis Keullig.....Lancaster

Treas., Chester C. Doan.....Coatesville

Gen. Mgr., R. H. Hendershott.. " "

5 miles; 5 2/4 g; 4 motor pass. cars.

(Under construction.) ★59

COLLEGEVILLE. 621.

(See No. 968.)

CONNELLSVILLE. 15,455 (1916).

(See No. 991.)

CORRY. 5,991.

913—Corry & Columbus Trac. Co.—Office, Corry. (Successor to Corry & Columbus St. Ry. Co.) (Connects Corry and Columbus.)

Pres. J. D. Woodward.....Warren

Sec. Clifford Woodward..... " "

Treas. F. M. Raymond.....Corry

Ch. Engr. O. S. Fritz..... " "

Power sta. equip. 1 d. c. C-W. 200

kw; 110 hp. e. (gas) Struthers, Wells;

trolley volt. 550 v.

Power sta. and repair shop at Corry.

Reaches Recreation Park at Columbus.

Fair Grounds, Race Track and Baseball

Park at Corry.

5 miles; 4-8 1/2 g.; 4 motor cars. (Extension to be built north from Columbus to Clymer, Sherman and Summerdale to Mayville, N. Y. connecting at that point with Chautauqua Trac. Co.'s line for Westfield, Chautauqua and Jamestown; during 1919 expects to build 16 miles of line between Columbus, Pa., and Sherman, N. Y.) 26

DANIELSVILLE. 1,000.

914—Blue Ridge Traction Co.—Office, Danielsville. (Connects Danielsville, Edgemont, Berlinsville, Walnutport and Slatington.)

Pres. Jay K. Hower.....Danielsville

Sec. H. H. Hower..... " "

Treas., Gen. Mgr. & Pur. Agt. " "

C. C. Marsh..... " "

Elect. Engr. & M. M., " "

Robt. F. Bartholomew..... " "

Energy purchased from Lehigh Valley

Transit Co.

Repair shop at Danielsville.

Reaches Edgemont Park (controlled).

7 miles; 4-8 1/2 g; 6 motor and 4 other

cars. (15 miles under construction.) (Com-

pany does lighting.) 29

DANVILLE. 7,517.

915—Danville & Sunbury Transit Co.—Office, 220 Mill St., Danville. (Will connect Danville, So. Danville, Riverside, Klines Grove and Sunbury.)

Pres. Simon Krebs.....Somerset

1st V. Pres. Geo. J. Krebs..... " "

Sec. W. Fred. Jacobs.....Danville

Treas. Chas. P. Hancock..... " "

Andr. Chas. F. Uhl, Jr.....Somerset

Supt. Richard B. Hullihen.....Danville

Energy purchased from Columbia &

Montour Elec. Co; repair shops at Dan-

ville.

Reaches Riverside park.

2.8 miles; 4-8 1/2 g; 4 mo. pass. and 2 trall

pass. cars. (Under construction—part in

operation.) ★59

DOWNINGTON. 3,326.

(See No. 1032.)

DOYLESTOWN. 3,408.

(See also No. 977.)

116—Philadelphia & Easton Elec. Ry. Co.—Office, 75 N. Main St., Doylestown. (Reorganization of Philadelphia & Easton Ry. Co.) (Connects Doylestown and Easton.)

Pres. { A. H. Sickler, Philadelphia
Godfrey Shmidheiser "

V. Pres.

Ainos Johnson,....Lambertsville, N. J.
Sec., Gen. Mgr. & Pur. Agt.

W. S. Chambers,.....Doylestown

Treas. H. G. Rusk,.....Lancaster

M. M., Wm. Steele,.....Raubsville

Roadmaster, Chas. Krial,.....Revere

Energy purchased from Clymer Pwr. Co.

Repair shops at Raubsville.

32 miles; 5- $\frac{3}{4}$ g; 8 motor pass., 2 ftg. motor and 4 other motor cars. ★59

DUBOIS. 14,665 (1916).

917—DuBois Traction Co.—(Controlled by DuBois Elec. & Trac. Co., which is operated by the United Service Co.) (The Keystone Utilities Co. has taken over the Du Bois Elec. & Trac. Co.) (Connects Falls Creek, Sykesville and Big Run.)

Pres., Daniel J. Dailey,.....Scranton

V. Pres., E. F. Hartigan,..... "

Sec. & Treas., John Marman,.... "

Mgr. Robt. B. Blakeslee,.....Du Bois

Supt. M. E. Zinter,..... "

Energy purchased from Du Bois Elec. Co.

Repair shop at Dubois.

Reaches Edgemont and Hands Parks.

5.2 miles; 4-8 $\frac{1}{2}$ g; 9 motor cars and 1 other car. ★49

918—United Trac. St. Ry. Co.—

Office, 14 E. Long Ave., Du Bois. Pa. (Connects Du Bois, Eriton, Stanly, Sykesville and Big Run, also Falls Creek on Du Bois Trac. Co.'s line.)

Pres. & Gen. Mgr.

Austin Blakeslee,.....Du Bois

V. Pres. H. E. Giuter,..... "

Sec. & Supt. Irvin Blakeslee,.... "

Treas. J. W. Schoch,..... "

Energy purchased from Du Bois Elec. Co.

12.79 miles; 4-8 $\frac{1}{2}$ g; 5 motor cars and 1 other car. 118

DUQUESNE. 19,964 (1916).

919—Duquesne & Dravosburg St. Ry. Co.—Office, First Natl. Bank Bldg. (Connects Duquesne & Dravosburg.)

Pres.,

Fred. W. Scott, Frick Annex, Pittsburg

Treas. & Asst. Secy., M. C. Briggs, Duquesne

Supt., George W. Mason,..... "

Energy purchased from Pittsburg Rys. Co.

Repair shop at Kennedy Ave. & Mifflin St., Duquesne.

4 miles; 5-2 $\frac{1}{2}$ g; 2 motor pass. cars. ★79

EASTON. 30,530 (1916).

(See also Nos. 896 and 916.)

920—Easton Transit Co.—(Office, 14th & Gordon Sts., Allentown. (The Easton & So. Bethlehem Transit Co. has been merged into this company. Controlled by the Easton Consolidated Elec. Co.,

which in turn is controlled by the Lehigh Valley Transit Co.) (Connects Easton, Bethlehem, So. Bethlehem, Nazareth and Freemansburg.)

Pres. Harrison R. Fehr,.....Allentown

V. Pres. S. H. Hackett,.....Easton

Gen. Mgr. H. H. Patterson,....Allentown

Sec. & Treas. E. E. Wagner,.... "

Asst. Sec. & Asst. Treas. S. H. Sargent

1411 Chestnut St., Philadelphia

Pur. Agt. W. R. Fehr,.....Allentown

Supt. W. E. Titus,.....Easton

Claim Agt. W. J. Tryhall,....Allentown

Engr. M. of W., A. F. Smith,.... "

Supt. of Equip. W. C. Klein,.... "

M. M., C. A. Doud,.....Easton

Line Foreman, F. E. Crick,..... "

Energy purchased from Penn. Utilities Co.; trolley volt. 550 v.

Repair shops at Easton.

Reaches Oakland and Island Parks.

46 miles; 4-8 $\frac{1}{2}$ g; 45 closed, 20 open, 12 open trail and 10 work cars. ★59

921—Northampton, Easton & Washington Traction Co.—Office,

448 Bushkill St. (Connects Easton and Phillipsburg, Stewartsville, New Village, Broadway, Washington, Port Colden and Pt. Murray, N. J.)

Chmn. Bd. Thomas A. H. Hay,....Easton

Pres. A. B. Haring,....Frenchtown, N. J.

V. Pres. Gen. Mgr. & Pur. Agt.

W. O. Hay,.....Easton

Treas. W. L. Doyle,..... "

Sec. & Andr. G. K. Smith,..... "

Supt. Wm. Coleman,....Washington, N. J.

Claim Agt. C. B. Brunner,.....Easton

M. M., Linden Gardner, Washington, N. J.

Power sta. equip. 2 d. c. G. E. tot. 650 kw; 900 hp. e. B. & W., Atlas; 900 hp. b. Mcl. & S; trans. & trolley volt. 535 v.

Power sta. and repair shops at Port Colden.

Reaches Silver Spring Forest (owned).

17 miles; 4-8 $\frac{1}{2}$ g; 6 cars. (Contemplates building line to Hackettstown, 8 miles). ★59

922—Northampton Traction Co.—

Office, 448 Bushkill St. (Connects Easton, Tatamy, Nazareth and Bangor with direct connections for Delaware Water Gap & Stroudsburg.) (In 1916, acquired property of Bangor & Portland Trac. Co.)

Chmn. of Bd. Thomas A. H. Hay,....Easton

Pres. A. B. Haring,....Frenchtown, N. J.

V. Pres., Gen. Mgr. & Pur. Agt.

W. O. Hay,.....Easton

Treas. Wm. L. Doyle,..... "

Sec. & Andr. G. K. Smith,..... "

Claim Agt. C. B. Brunner,..... "

M. M. Chas. Eichman,..... "

Roadmaster, Jacob Kahler,..... "

Park Mgr. D. B. Skillman,..... "

Energy purchased.

Owens Bushkill Park.

25 miles; 4-8 $\frac{1}{2}$ g; 20 motor and 2 other cars. 59

EAST STROUDSBURG. 3,380.

(See No. 1017.)

ELIZABETHTOWN. 2,587.

(See Nos. 935 and 946.)

ELK LICK. 1,300.

923—Pennsylvania & Maryland St. Ry. Co.—(Connects Salisbury, Meyersdale and Garrett; will extend to Berlin and Somerset.)

Pres. C. H. Jennings,.....Towanda

V. Pres., Gen. Mgr. & Pur. Agt.

H. H. Mast,.....Elk Lick

Sec. & Treas. J. L. Barchus,.... "

Elec. Engr. Bert Kidner,.....Boynton

Engr. Pwr. Sta. A. Blocher,....Elk Lick

Power sta. equip. 1 d. c. Eng. 100 kw
 100 hp. e. Eng. 400 hp. 1. Pwr. equip.
 with 50 v.
 Power sta. and repair shops at Boynton
 23.5 miles; 4-3/4 g.; 4 cars. 31

EPHRAATA. 2.104.

924 - Ephraata & Lebanon St. Ry.
 Co.—Office, Lebanon. Property oper-
 ated by Ephraata & Lebanon Trac. Co.
 Pres. A. K. Lane..... Ephraata
 V. Pres. H. C. Evans..... Lebanon
 Sec. Gen. D. Krantz..... Lebanon
 Treas. J. E. B. Grouminger.....
 Gen. Mgr. H. A. Allen.....
 Asst. F. W. Kruker..... 112

925 - Ephraata & Lebanon Trac. Co.
 —Office, 6th & Walnut sts., Lebanon.
 Operates the property of the Ephraata
 & Lebanon St. Ry. Co. (Connects Ephraata,
 Lebanon, Westmoreland, Cury, Hopewell,
 South Mountain, Kearschewille,
 Schickstown, Reisterville, Iona and
 Lebanon.)
 Pres. A. K. Lane..... Cury
 V. Pres. A. B. Grouminger..... Lebanon
 M. V. Pres. Henry C. Evans.....
 Sec. Gen. D. Krantz..... Pittsburgh
 Treas. H. H. Ulrich..... Lebanon
 Asst. F. W. Kruker.....
 Gen. Mgr. Sept. & Pwr. Agt.
 H. A. Allen.....
 M. M. John Rorer.....
 Engr. M. of W. M. F. Warner..... Reisterville
 Engr. Ovid. Conner.....
 S. H. Suter..... Kearschewille

Energy purchased: trans. volt. 11,000 v.
 3 ph. 25 cys. trolley volt. 600 v. (overhead
 catenary).
 3 sub-sta. tot. cap. 1000 kw; 2-500 kw.
 rot. conv.
 Repair shops at Lebanon.
 23.1 miles; 5-3/4 g.; 5 motor and 6 other
 cars. 112

ERIE. 75,195 (1916).

(See Nos. 681, 682, 927 and 957.)

GIRARD. 1,165.

927 - Cleveland & Erie Ry. Co.—
 Address Box 43, Girard, Pa. General
 office at Elk Park. (Successor to Cleve-
 land & Erie Trac. Co., and lease line
 in Ohio of same name.) (Connects Erie,
 Girard and East Springfield, Pa., and
 Conestoga, O.)
 Pres. C. E. Willock..... Pittsburgh
 V. Pres. Henry E. Fish..... Erie
 Sec., Asst. Treas. & Gen. Mgr. &
 Pur. Agt. J. M. Smith..... Girard
 Treas. J. B. McDonald..... Erie
 Andr., W. G. Fullerton..... Girard
 Engr. Pwr. Sta. B. H. Sheldon North Girard
 M. M., C. F. Doolittle..... "

Eastern Div.
 F. W. Dusen..... Swanville
 Road-
 masters, Middle Div.
 F. W. Isell, East Springfield
 Western Div.
 A. L. Everett.....
 Power sta. equip. 2 d. c. C.-W. tot. 800
 kw; 1200 hp. e. Penn; 800 hp. b. Bab. &
 W; trolley volt. 550-575 v.
 Power sta. and repair shop at Elk
 Creek, Pa. (No P.O.)
 Reaches Elk Park, owned.
 31.20 miles; 4-3/4 g.; 8 motor and 6 other
 cars. 459

GIRARDVILLE. 4,304.

928 - Schuylkill Railway Co.—Office,
 Girardville. (Operates Schuylkill Lt.
 Ht. & Pwr. Co.) (Connects Mahanoy
 City, Shenandoah, Girardville and Ash-

land; also Pottsville and St. Clair and
 extends to Pottsville and Eastern Penn-
 sylvania Ry. & C. & E. Inc.)
 Pres. Frank Evans
 321 Washington Ave., Philadelphia
 V. Pres. James D. Evans.....
 Gen. Mgr. C. Sims Bailey..... Girardville
 Supt. J. J. McAndrew.....
 Pur. Agt. J. Scott Purdon, Philadelphia
 Ch. Engr. E. L. Nichols..... Girardville
 M. M. S. K. Kruker.....
 Engr. Ovid. Conner.....
 Gen. W. Richard.....
 Energy purchased from Schuylkill Gas
 & Elec. Co.
 3 sub-sta. 500 kw.
 Repair shop at Girardville.
 41 miles; 4-3/4 g.; 17 motor pass. and 1
 other cars. 11,000 v. and pwr. business
 1 Schuylkill Valley. 459

GREENSBURG. 11,433 (1916).

928a - West Penn Rya. Co. (Con-
 nects Youngwood, Greensburg, Jean-
 nette, Irwin and Trafford City.) For
 general info see Pittsburgh.
 Pres. C. W. Richard..... Greensburg
 Repair shops at Greensburg.
 (Owns Oakford Park.)
 M. Leage and equip. included in report
 of company at Pittsburgh. 69

HANOVER. 1,067.

929 - Hanover & McSherrystown
 St. Ry. Co.—Office, Hanover. (Con-
 nects Hanover, McSherrystown, Con-
 warts Chapel and Littlestown, Operated
 by United Service Co.) (The Keystone
 Utilities Co. has taken over this prop-
 erty.)
 Pres. F. B. Atherton..... Scranton
 V. Pres. E. H. Rambootham.....
 Sec. & Treas. J. J. Grace.....
 Mgr. & Pur. Agt. K. K. Garrett... Hanover
 Park Mgr. E. M. Grumbine.....
 Energy pc. leased from Hanover L.
 Ht. & Pwr. Co.; trolley volt. 600 v.
 Repair shop at Hanover.
 Owns Eschberger Park and reaches
 Conewago Park.
 13 miles; 4-3/4 g.; 15 motor and 3 other
 cars. 459

HARRISBURG. 72,015 (1916).

(See also Nos. 532 and 969.)
 931 - Harrisburg Rya. Co.—Office, 13
 So. Market Sq., Harrisburg. (Leases
 and operates the Middletown, Highspire
 & Steelton St. Ry. Co., Harrisburg
 Trac. Co. and Harrisburg City Pas-
 sy. Co.) (Connects Harrisburg, Steel-
 ton, Highspire, Middletown, Hummel-
 stown, Progress, Linglestown, Oberlin,
 Paxtang and Rockville.)
 Pres. & Gen. Mgr.
 Frank B. Munser..... Harrisburg
 V. Pres. B. F. Myers.....
 Sec. Treas. & Pur. Agt.
 John O'Connell.....
 Supt. F. M. Davis.....
 Claim Agt. C. L. Brinser.....
 Ch. Engr. D. B. Moist.....
 Elec. Engr. P. F. Gerhart.....
 Ch. Engr. Pwr. Sta. John Gehr.....
 M. M., A. F. Roxroth.....
 Roadmaster, J. W. Anderson.....
 Power sta. equip. 3 d. c. Bull, tot. 1950
 kw. connected to Allis-C. engines; 1 d. c.
 G. E. 1500 kw. connected to H. O. & R.
 Ham. Cor. engine; 1 d. c. C. W. 150 kw.
 connected to Harrisburg Ideal engine;
 2635 hp. b. Tudor, Bab. & W; trans.
 volt. 6900 v.; trolley volt. 600 v.
 1 sub-sta. cap. 1000 kw; 2 rot. conv.
 Power for sub-sta. purchased from
 Harrisburg Lt. & Pwr. Co.
 Power sta. at South Cameron St.; repair
 shop at Cameron & Forster Sts.

Reaches Paxtang Park (partly owned and leased).

78.51 miles; 5-2½ g; 134 motor pass. and 12 other motor cars. ★69

HAZLETON. 28,491 (1916).

932—Lehigh Traction Co.—Office, 22-28 No. Wyoming St. (Connects McAadoo, Freeland, Drifton, Jeddo, Ebervale, Lattimer, Milnesville, West Hazleton and Jeanesville.) (The Wilkes-Barre & Hazleton R. R. Co. owns 92 p.c. of stock.)

Pres. A. Markle..... Hazleton

V. Pres., Gen. Mgr., Pur. Agt. & Park Mgr. C. B. Houck..... "

Sec. & Treas. N. C. Yost..... "

Audr. C. J. Kirschner..... "

Cashier, W. Wear..... "

Traffic Mgr. & Gen. Fgt. & Pass. Agt. G. A. Zeeb..... "

Claim Agt. James P. Gorman... "

Elec. & Signal Engr. Wm. Schwartz..... "

M. M. James Brown..... "

Engr. M. of W. Benj. Norris.... "

Energy purchased from W. B. & Hazleton Ry. Co.

2 sub-stas. tot. cap. 1600 kw; 4 rot. conv. Repair shop at Hazle Park.

Owms Hazle Park.

26 miles; 4-8½ g; 33 pass. and 8 other cars. 59

933—Wilkes-Barre & Hazleton Ry. Co.—Office, 22-28 No. Wyoming St., Hazleton. (Connects Wilkes-Barre and Hazleton; runs over 1½ miles of Lehigh Trac. Co.'s tracks.) (Controls Anthracite Power Co.) (Owned by Wilkes-Barre & Hazleton R. R. Co.)

Pres. A. Markle..... Hazleton

V. Pres., Gen. Mgr. & Pur. Agt. C. B. Houck..... "

Sec. & Treas. N. C. Yost..... "

Audr. C. J. Kirschner..... "

Cashier, W. Wear..... "

Claim Agt. James P. Gorman... "

Traffic Mgr., Gen. Fgt. & Pass. Agt. G. A. Zeeb..... "

Elec. & Signal Engr. & Engr. Overhead Constr. John Warner..... "

Ch. Engrs. } Wm. Hopkins..... "

Pwr. Sta. } Lew Welliver..... "

M. M. James Brown..... "

Engr. Maint. of Way, Benj. Norris..... "

Power sta. equip. 3 a. c. W. E. tot. 1200 kw. 390 v. 3 ph 25 cys; 1800 hp. e. Brown; 2100 hp. b. Heine; 2000 kw. turb. (stm.) West; trans. volt. 15,750 v; trolley volt. 625 v.

Power sta. at St. Johns; repair shops at Hazle Park.

Reaches Hazle Park (owned by Lehigh Trac. Co.)

99 miles (8d rall); 4-8½ g; 10 pass., 1 fgt. motor, 5 fgt. and 10 other cars; 1 elec. loco. ★59

934—Wilkes-Barre & Hazleton R. R. Co.—Offices at Hazleton, Pa., and Jersey City, N. J. (Owns the Wilkes-Barre & Hazleton Ry. Co., the Wilkes-Barre Term. R.R. Co. and 92 p.c. of stock of Lehigh Trac. Co.)

Pres. A. Markle..... Hazleton

V. Pres. C. B. Houck..... "

Sec. N. C. Yost..... "

Asst. Sec. A. Markle, Jr. "

Treas. W. H. Remick.... New York, N. Y. 59

HECLA.

(See Nos. 948 and 991.)

HERSHEY. 2,347.

935—Hershey Transit Co.—Office Hershey. (Connects Palmyra, Hummelstown, Hershey, Campbelltown, Lebanon and Elizabethtown; at Elizabethtown connects with the lines of the Co-

nectoga Trac. Co., at Hummelstown with lines of Harrisburg Rys. Co. and at Lebanon and Palmyra with lines of Reading Transit & Lt. Co.)

Pres. M. S. Hershey..... Hershey

Sec. John E. Snyder..... "

Treas. Wm. H. Lebkicher..... "

Audr. T. L. McHefey..... "

Supt. & Pur. Agt. J. R. Kreider.. "

Engr. Maint. of Way, H. N. Herr "

Park Mgr. A. T. Hellman..... "

Power sta. equip. 1 d. c. Westg. 150 kw; 250 hp. e. B. & J. (stm. purchased); —kw. Gould stor. bat; trolley volt. 550 v.

Power sta. at Hershey; repair shops at Hershey and Lebanon.

Reaches Hershey Park (owned by M. S. Hershey).

35 miles; 5-2½ g; 23 motor and 4 other cars. 118

HOMESTEAD. 22,466 (1916).

936—Homestead & Mifflin St. Ry. Co.—Office, 805 Amity St., Homestead. (Connects Homestead, Homestead Park and Lincoln Place.)

Pres. J. B. Coen..... Homestead

V. Pres. Hugh L. Nevin..... "

Sec. Robt. McWhinney..... "

Treas. & Supt. C. H. Knapp..... "

Audr. Fred J. Hahn..... "

Claim Agt. R. C. Davis..... "

Union Arcade, Pittsburg

M. M., J. C. Schweinberg.... Homestead

Energy purchased from Pittsburg Rys. Co.

Repair Shop, at Main St., Homestead Park.

Owms and controls Homestead Park.

3.25 miles; 5-2½ g; 11 motor passenger car and 1 other car. ★59

HUMMELSTOWN. 2,128.

(See Nos. 931 and 935.)

HUNTINGDON. 6,861.

937—Huntingdon, Lewistown & Juniata Valley Trac. Co.—Office, 416 Penn St., Huntingdon. (Will connect Huntingdon, Mt. Union, Mill Creek, Allensville, Belleville and Reedsville.)

Pres. R. J. Mattern..... Huntingdon

Sec. J. R. Simpson..... "

Treas. & Gen. Mgr. F. Blair Isenberg..... "

Supt. R. M. Peightal..... "

M. M., H. P. Grove..... "

Energy rented from Penn Central Lt. & Pwr. Co.; 1 a. c. Ft. W. 550 kw; 1 d. c. Ft. W. 182 kw; trans. volt. 2300 v; trolley volt. 550 v.

Repair shops at Huntingdon.

1.75 miles in operation; 6 cars. 118

INDIANA. 5,749.

937a—Indiana County St. Ry. Co.—Office, Indiana. (Connects Indiana, Clymer, Ernest, Creekside, Homer City, Graceton, Coral, Josephine, Blacklick and Blairsville.)

Pres. F. M. Fritchman..... Indiana

V. Pres. H. E. Clark.... Glen Campbell

Sec. & Treas. John G. St. Clair..... Indiana

Gen. Mgr. & Pur. Agt. Frank L. Neff..... "

Supt. Orin Stiffler..... "

Ch. Engr. Pwr. Sta. G. M. Hill... "

Power sta. equip. 1 d. c. West. 300 kw; 2 a. c. West, Allis-C. tot. 1500 kw. 6600 v. 3 ph. 60 cys; 300 hp. e. Phoenix; 1500 hp. b. Bab. & W; 1500 kw. stm. turb. West, Allis-C; trans. volt. 6600 v; trolley volt. 575 v.

2 sub-stas. tot. cap. 800 kw; 1 rot. conv; 1 mo. gen.

Power sta. at Two-Lick, south of Indiana; repair shops at Indiana.

Reaches Idlewood and Locust Parks.

36 miles; 4-8½ g; 10 motor cars. 118

IRWIN. 2,886.

938—The Irwin-Herminie Trac. Co.—Office, Irwin. (Connects Irwin, Fairmont, Hahntown, Chambers, Rill-ton and Herminie.)
 Pres. & Gen. Mgr. C. H. Bolton. Irwin
 V. Prests. { R. A. Troop,
 1st Ave., Pittsburgh
 Treas. L. H. Taylor. Irwin
 Sec. & Audr. Jas. I. Marsh. " "
 Ch. Engr. Milton Campbell. " "
 Elec. Engr. & Engr. Ovhd. Constr.
 Frank Barnard. Larimer
 Engr. M. of W. Edw. Wilson. Herminie
 Energy purchased from West Penn
 Elec. Co.; trans. volt, 2200 v; trolley volt.
 550 v.
 Repair shops at Irwin.
 5.5 miles; 5-2½ g; 5 motor and 3 other
 cars. (Will extend line to Export.) 59

JERSEY SHORE. 5,381.

939—Jersey Shore & Antes Fort R. E.—Office, Jersey Shore. (Con-nects Jersey Shore, Antes Fort and Nippono Park.)
 Pres. Robt. McCullough. Jersey Shore
 V. Pres. Robt. Cameron. " "
 Sec. J. F. Persons. " "
 Treas. G. J. Deniston. " "
 Gen. Mgr. & Pur. Agt.
 C. B. McCullough. " "
 Roadmaster
 Henry Corstetler. Antes Fort
 Energy purchased from Jersey Shore
 Elec. St. Ry. Co.
 Repair shops, Jersey Shore.
 4.5 miles; 4-8½ g; 2 motor cars.
 (Hauls freight by steam.) ★59

940—Jersey Shore Elec. St. Ry. Co.—(Owned by Lycoming Improve-ment Co., Williamsport, Pa.) (Con-nects Jersey Shore, Vilas and Avis).
 Pres. & Gen. Mgr.
 Ernest H. Davis. Williamsport
 V. Pres. Garrett Cochran. " "
 Sec. & Treas. J. W. Cochran, Jr. " "
 Audr. H. H. Hill. " "
 Supt. & Pur. Agt.,
 Lloyd Thomas. Jersey Shore
 Power sta. equip. 2 a. c. Westg. tot. 230
 kw. 2 ph. 60 cys; 1000 hp. e. Nord, Cor;
 775 hp. b. Keeler, Bab. & W.
 Power sta. and repair shops at Railway
 and Culvert Sts.
 Reaches Avis Base Ball Park.
 5.1 miles; 4-8½ g; 15 cars, 1 snow plow.
 78

JOHNSTOWN. 68,529 (1916).

(See also No. 1015.)

941—Johnstown Trac. Co.—Office,
 Central Ave. (Connects Johnstown
 and Windber.) (Formed by merger of
 the old Johnstown Trac. Co. and its
 leased line, the Johnstown Pass. Ry.
 Co.)
 Pres. & Pur. Agt.,
 E. M. Du Pont. Johnstown
 V. Prests. { J. M. Murdock. " "
 L. L. Dunham. " "
 New York, N. Y.
 Sec. & Treas. Jos. McAneny. Johnstown
 Gen. Mgr. S. S. Crane. " "
 Asst. to Gen. Mgr.
 L. T. Shannon. " "
 Claim Agt. J. Earle Ogle. " "
 Ch. Engr. G. Nelson Smith. " "
 Ch. Engr. Pwr. Sta.
 Harry Croyle. " "
 M. M., W. W. Cook. " "
 Power sta. equip. 3 d. c. Westg. tot.
 1500 kw; 2250 hp. e. St. L. H. O. & R;
 trolley volt. 550 v.
 Power sta. at Baumer St.; repair shop
 at Central Ave.
 Reaches Luna and Island Parks.
 38.9 miles; 4-8½ g; 72 motor and 34
 other cars; 2 snow plows. ★79

942—Southern Cambria Ry. Co.—
 Office, Johnstown. (Connects John-
 town, Conemaugh, Mineral Point,
 South Fork, Ebensburg and Nanty Giv
 will connect with No. Cambria St. Ry.
 at Carrolltown.)
 Receiver, Cambria Trust Co., Johnstown
 Pres. (Agt. for Receiver)
 P. J. Little. Ebensburg
 V. Pres. Geo. M. Wertz. Johnstown
 Sec. & Treas. Gomer Walters. " "
 Gen. Mgr. George Palm. " "
 Engr. Pwr. Sta. Harris Wakefield " "
 Engr. M. of W. A. V. Little. Ebensburg
 Power sta. equip. 2 d. c. G. E. tot.
 1600 kw; 2400 hp. e. F. & S; 900 hp. b.
 Bab & W.
 Power sta. and repair shop at Brookdale.
 30 miles; 4-8½ g; 12 motor and 2 oth-
 cars) ★79

943—Penn. Central Ry. Co.—Office,
 Franklin St., Johnstown.
 Pres. Robt. Pearce. Portage
 V. Pres. Henry J. Raab. Johnstown
 Sec., Gen. Mgr. & Ch. Engr.
 O. P. Thomas. " "
 Treas. A. J. Strayer. " "
 Engr. Ovhd. Const.
 Lewis R. Sheehan. " "
 Energy purchased from Penn Central
 Lt. & Pwr. Co.; trans. volt. 1200 v.
 trolley volt. 1200 v; 1 a. c. West. rot.
 conv. 300 kw. 45,000 v. 3 ph. 60 cys.
 sub-sta. at Portage.
 Repair shops, 1 mi. east of Summerhill
 7.5 miles; 4-8½ g; 2 motor cars. (35
 miles in operation. Balance to be finished
 at an early date.) 115

KENNETT SQUARE. 2,049.

**944—West Chester, Kennett & Wil-
 mington Elec. Ry. Co.** (Absorbed
 Oxford, Westgrove & Avondale St.
 Ry. Co.) (Connects Avondale, Tough-
 kenamon, Kennett Square, W. Grove,
 Pa., Yorklyn, Hockessin and Wil-
 mington, Del.)
 Pres. Geo. Kessler,
 931 Drexel Bldg., Philadelphia
 V. Pres. Clarence L. Harper. " "
 Sec. & Treas. Philip E. Guckes. " "
 Gen. Mgr. & Pur. Agt.
 B. F. Wickersham. Kennett Square
 Gen. Frt. & Pass. Agt.
 H. G. Evans. " "
 M. M., Frank Roser. " "
 Roadmaster, M. O'Laughlin " "
 Power sta. equip. 2 d. c. C-W. tot. 700
 kw; 1000 hp. e. Clark; 1000 hp. b. Stir;
 trolley volt. 600 v.
 Power sta. and repair shop at Kennett
 Square.
 Reaches Brandywine Springs and
 Sharpless Park.
 26.4 miles; 5-2 g; 6 motor pass., 4 ftg.
 motor cars and 1 other car. ★59

KITTANNING. 4,311.

945—West Penn. Rys. Co.—(Connects
 Kittanning, Manorville and Ford
 City.)
 For executive officers see Pittsburgh.
 Supt. Luther Widdowson. Kittanning
 Repair shops at Garrets Run.
 Controls Lenape Park.
 10.33 miles; 4-8½ g; 12 motor pass.,
 2 work cars and 1 other car. ★69

LANCASTER. 50,853 (1916).

(See also No. 912a.)

946—Conestoga Traction Co. Office,
 Orange St. (Leases and operator
 Lancaster City St. Ry., Lancastes
 & Lititz Ry., Lancaster, Willow St.,
 Lampeter & Strasburg Ry., Lanca-
 ster & Columbia Ry., Lancaster &
 Millersville Ry. Co., Elisabethtown

& Florin Ry., Columbia & Ironville Ry., Columbia & Donegal Ry., Lancaster, Mechanicsburg & New Holland Ry., Lancaster, Petersburg & Manheim Ry., Christiana & Coatesville St. Ry. Co. (which connects Philadelphia, Coatesville and Lancaster). Lancaster & Rocky Springs Ry., Ephrata & Adamstown Ry., Lancaster & Quarryville St. Ry., Rohrerstown, Landisville & Mt. Joy Ry., Lancaster & Eastern St. Ry. (which connects Lancaster, Williamstown, Leaman Place, Gap and Christiana) and New Holland, Blue Ball & Terre Hill St. Ry. Co. (which connects Blue Ball and Terre Hill with New Holland and Lancaster.) (The common stock of this company is owned by Lancaster County Ry. & Lt. Co., which is controlled by United Gas & Elec. Corpn.)
 Pres. W. W. Griest.....Lancaster
 V. Pres. Geo. Bullock

61 Broadway, New York, N. Y.
 Asst. Sec. & Asst. Treas.
 Anna E. RanckLancaster
 Gen. Mgr. R. B. Hull..... "
 Claim Agt. R. N. Eby..... "
 Gen. Fgt. Agt. C. E. Hoffman. "
 Gen. Supt. H. W. Brubaker... "
 Supt. of Trans. David R. Baker "
 Engr. H. W. Crawford..... "

Energy purchased from Penn. Wtr. & Pwr. Co., Holtwood; gen. sta. held in reserve; sub-stations at Neffsville, Reamstown, Lampeter, Groffdale, Salunga, Martinsville, Vintage, Rheems, Parkesburg and Columbia.

Repair shops at Lancaster.
 Reaches Rocky Springs Park; controls Chickie's Park.
 163.75 miles; 5-2½ g; 122 motor pass.,
 28 other motor and 18 other cars. ★59

947—Lancaster County Ry. & Lt. Co.—(Controls through ownership of all or a majority of the common stock, Conestoga Traction Co., Edison Elec. Co., Lancaster Gas, Lt. & Fuel Co., (which owns a majority of the common stock of the Columbia Gas Co.), and Conestoga Realty Co., and is itself controlled by United Gas & Elec. Corpn., New York, N. Y.)

Pres. W. W. Griest.....Lancaster
 V. Pres. Geo Bullock,
 61 Broadway, New York, N.Y.
 Sec. J. A. McKenna, "
 61 Broadway, "
 Treas. A. L. Linn, Jr., "
 61 Broadway, "
 Asst. Sec. & Asst. Treas.,
 Anna E. RanckLancaster
 Gen. Mgr. R. B. Hull..... " ★59

LANSFORD. 10,477 (1916).
 (See No. 998.)

LATROBE. 11,398 (1916).
 (See also No. 991.)

948—West Penn Eys. Co.—(Connects Latrobe, Baggaley and Youngstown; at Hecla makes connections for points in Westmoreland and Fayette Counties.) For general officers see Pittsburgh.
 Repair shops at Latrobe.
 Mileage and equip. included in report of company at Pittsburgh. ★69

LEBANON. 20,799 (1916).
 (See also Nos. 924, 925 and 935.)

949—Reading Transit & Lt. Co. Lebanon Div.—Office, 742 Cumberland St. (Leases the Lebanon Valley St. Ry. Co. (stock owned by The United Pwr. & Transpt. Co.) connecting Meyerstown, Avon, West Lebanon, Palmyra, Annville and Independent

(District.) For general officers, see Reading.
 Div. Supt. W. J. Hardaker.....Lebanon
 Energy from Metropolitan Edison Co.; trolley volt. 600 v.
 Repair shop at 15th & Cumberland Sts. 25.23 miles; 5-2½ g; 20 motor pass., 1 fgt. motor and 5 other cars. ★59

LEECHBURG. 3,624.

950—West Penn. Eys. Co.—(Connects Apollo, Vandegrift, Hyde Park and Leechburg.) For general officers, see Pittsburgh.
 Supt. J. H. Silvia.....Leechburg
 Repair shops at Leechburg.
 Controls Allison Park near Apollo.
 8.5 miles; 5-2½ g; 6 motor pass. cars, 1 work car. ★69

LEMOYNE. 1,393.

951—Valley Eys.—Office, Lemoyne. (Controls Harrisburg & Mechanicsburg Elec. Ry. Co., West Fairview & Marysville Elec. St. Ry. Co., White Hill & Mechanicsburg Pass. Ry. Co., Carlisle & Mechanicsburg St. Ry. Co. Connects Harrisburg, Camp Hill, Shiremanstown, Mechanicsburg, Boiling Springs, Carlisle, New Cumberland, White Hill, Lemoyne, Marysville, Wormleysburg, Fairview and Enola.)
 Pres. & Pur. Agt. C.H.Bishop, Lemoyne
 Sec. & Treas.

C. M. Davison.....Chambersburg
 Ch. Engr. & M. M.A.S.Bentz, Lemoyne
 Elec. Engr. J. C. Thompson... "
 Engr. M. of W,
 Edw. A. Shissler..... "
 Park Mgr. H.B.Markley, Boiling Springs
 Energy purchased from United Elec. Co., Lemoyne, Pa.; trans. volt. 13,200 v; trolley volt. 600 v.
 Repair shops at Lemoyne.
 Controls Boiling Springs Park.
 44 miles; 5-2½ g; 39 cars. 59

LEWISTOWN. 10,733 (1916).

952—The Lewistown & Reedsville Elec. Ry. Co.—Office, 41 W. Market St., Lewistown. (Connects Lewistown, Lewistown Junction, Reedsville, Yeagartown and Burnham.)

Pres. & Pur. Agt.
 J. I. Quigley.....Lewistown
 V. Pres. Jno. E. Zimmermann
 611 Chestnut St., Philadelphia
 Sec. & Treas. Chas. Day
 611 Chestnut St., "
 Audr. & Claim Agt.
 G. T. Hawke.....Lewistown
 Gen. Mgrs. & Engrs. Day & Zimmermann
 611 Chestnut St., Philadelphia
 Supt. C. E. Gossard.....Lewistown
 Power sta. equip. (reserve) 3 d. c. Westg. tot. 1036 kw; 900 hp. e. West, H. F. & M.; 650 hp. b. Bab. W., H. F. & M.; trans. volt. 600 v; trolley volt 600 v.

Energy purchased from Penn Central Lt. & Pwr. Co.
 Powersta. and repair shop at Lewistown.
 Reaches and operates Kishacoquilla Park.
 10.5 miles; 4-8½ g; 25 motor pass. cars, 1 other motor and 1 other car. ★59

LINGLESTOWN.

(See No. 931.)

LOCK HAVEN. 7,772.

953—Susquehanna Traction Co.—Office, 24 W. Main St. (Connects Lock Haven, Flemington and Mill Hall.)

Pres. Sedgwick Kistler..... Lock Haven
 V. Pres. P. P. Griffin..... "
 Sec. Henry Hipple..... "
 Treas. Mary R. Armstrong..... "
 Gen. Mgr. & Pur. Agt.
 Hamilton Baluss..... "
 M. M. Williams Whiting..... "
 Power sta. equip. 2 d. c. West. tot.
 300 kw; 460 hp. e. Quincy; 200 hp. b.
 Phoenix; trolley volt. 550 v.
 Power sta. and repair shop at Pecah &
 Pearl Sts., Lock Haven.
 5.5 miles; 4-8½ g; 8 motor and 3 other
 cars. ★59

LYKENS. 2,943.

(See No. 1040.)

MCDONALD. 3,500.

952a—West Penn. Rys. Co. (Connects
 Oakdale and McDonald.) For general
 officers, see Pittsburgh.

Supt. B. J. Kenney..... McDonald
 4.4 miles; 5-2½ g; 2 motor pass. cars. ★69

McKEESPORT. 47,521 (1916).

(See also Nos. 990 and 991.)

954—West Penn Rys. Co. (Operates
 between Irwin and McKeesport.)
 For general officers see Pittsburgh.

Supt. Joseph Black..... McKeesport
 Reaches park.
 Mileage and equip. included in report
 of company at Pittsburgh. ★69

955—Highland Grove Trac. Co.—
 General office, 539 Jerome St. (Con-
 nects McKeesport and North McKees-
 port.)

Pres. T. H. Bowman..... McKeesport
 Sec. & Treas. S. W. Bowman..... "
 Gen. Mgr. & Pur. Agt.
 John M. Lyle..... "

Supt. & Elec. Engr. Fred Lang.
 Energy purchased from Pittsburgh Rys.
 Co.

Repair shops at North McKeesport.
 2 miles; 4-8½ g; 3 motor pass. cars and
 1 other car. (Contemplates building a
 line between McKeesport and East
 Pittsburgh.) ★59

MAHANOEY CITY. 17,463 (1916).

(See No. 928.)

MAHONINGTOWN.

(See No. 855.)

MARS. 1,800.

(See No. 987.)

MASONTOWN. 890.

(See No. 991.)

MAUCH CHUNK. 3,952.

**956—Mauch Chunk & Lehighon
 Transit Co.,** (Successor to Carbon
 Transit Co.) Office 18 Broadway,
 Mauch Chunk. Upper and East Mauch
 Chunk and Lehighon.

Pres. Ben Branch..... Mauch Chunk
 V. Pres. Wm. Dods..... "
 Sec. V. M. Wolf..... "
 Treas. Geo. H. Mayer.... "
 Compt. C. A. Secor,

42 Broadway, New York, N. Y.
 Gen. Mgr. G. R. Rehrig..Mauch Chunk
 Power sta. equip. 2 d. c. Allis-C. tot
 600 kw; 2 e. Russ. Erie. Ball; 575 hp.
 b. Ball. Stir.; trans. & trolley volt. 550 v.
 Pwr. sta. and repair shops at Hackle-
 barmie.

Owens Flagstaff Mountain Park and
 Flagstaff Heights (summer homes.)
 12.5 miles; 4-8½ g; 14 motor pass.
 1 g. motor and 3 other cars. ★59

MEADVILLE. 13,802 (1916).

**957—Northwestern Pennsylvania Ry.
 Co.**—Office, 420 Commerce Bldg.,
 Erie. (Connects Erie, Edinboro, Cam-
 bridge Springs, Venango, Saegerstown,
 Meadville, Harmonsburg and Lines-
 ville; also connects with Penna. lines at
 Linesville for Pittsburg and Erie.)
 (Controlled by the Northwestern
 Elec. Service Co., through ownership
 of common stock.)

Pres. F. F. Curtze..... Erie
 V. Pres. & Gen. Mgr.

Chas. M. Hatch..... "
 Sec. A. O. Chapin..... "
 Treas. A. A. Culbertson..... "

Audr. A. Shiel..... "
 Gen. Supt. E. O. Shryock.... Meadville
 Pur. Agt. Geo. W. Kunts..... Erie
 Ch. Engr. Jas. Briggs..... "

H. R. MacCranahan..... Meadville
 M. M., P. J. Barron..... "

Power sta. equip. 5 d. c. G. E. tot. 1175
 kw; 1250 hp. e. Weth Phoenix; 2100 hp.
 b. Weth, Bab. & W; trans. volt. 33,000-
 13,000-11,000 v; trolley volt 600 v; energy
 also purchased from People's Incan-
 descent Lt. Co., Meadville, and Erie
 County Elec. Co., Erie, Pa.
 4 sub-stas. tot. cap. 2100 kw; 5 rot.
 conv.

Power sta. at Meadville; repair shops
 at Meadville and Erie.

Reaches Conneaut Park on Conneaut
 Lake.
 71.5 miles; 4-8½ g; 28 motor pass., 10
 other motor and 9 other cars. ★59

MEDIA. 3,562.

**958—Media, Glen Riddle & Rock-
 dale Elec. St. Ry. Co.**—Office,
 Media. (Stock owned by the United
 Pwr. & Transpt. Co.; controlled and
 operated under lease by the Southern
 Pennsylvania Trac. Co., which is
 controlled by the Wilmington &
 Philadelphia Trac. Co.) (Connects
 Media with Glen Riddle.)

Pres. John A. Rigg..... Philadelphia
 Sec. & Treas. T. W. Grootett, Jr. "
 5 miles; 5-2½ g. 78

MILLERSVILLE. 1,400.

**959—Lancaster & York Furnace
 St. Ry. Co.**—Office, 12 South Duke
 St., Lancaster. (Connects Millersville,
 Marticville, Martic Fuge, Coleman-
 ville and Pequea.)

Pres. & Gen. Mgr.
 J. B. Harnish..... New Danville
 V. Pres. John H. Ware

R. F. D. 5 Lancaster
 Sec. John H. Myers..... "
 Treas. Elam H. Myers

Willow Street P. O. Lanc. Co., Pa.
 Supt. H. M. Stauffer..... Millersville
 Energy purchased from Edison Elec.
 Co.; trans. volt. 11,000 v; trolley volt.
 550 v.

Sub-sta. equip. 2 rot. conv.
 Repair shops at Marticville.
 Reaches York Furnace Park at Pequea.
 12.2 miles; 5-2½ g; 5 motor and 2
 other cars. 118

MILTON. 7,460.

**960—Lewisburg, Milton & Wat-
 sontown Pass. Ry. Co.**—Ex. Office,
 72 Union Trust Bldg., Harrisburg.
 Local office, Milton. (Connects Wat-
 sontown, Riverside Park, Milton and
 Lewisburg; also operates under lease,
 over Penna. R. R. Co.'s tracks (stor.
 bat. system), the Montandon &
 Mifflinsburg Ry., connecting Mont-
 andon, Lewisburg, Brook Park, Bieh,
 Vicksburg and Mifflinsburg.)

Pres. John F. Whittaker.....Harrisburg
 V. Pres. L. G. Brown.....York
 Sec. & Treas. D. L. Diehl...Greencastle
 Audr. Asst. Sec. & Asst. Treas.
 W. B. Rankin.....Harrisburg
 Gen. Mgr. & Pur. Agt.
 W. W. Wilson.....Milton
 Supt. Claim, Gen. Fgt. & Pass.
 Agt. & Park Mgr. H.R. Deeter, Milton
 M. M., W. B. Bubb....."
 Roadmaster, C. E. Coup....."
 Energy purchased from Northumberland
 County Gas & Elec. Co.; trans. volt.
 1140 v; trolley volt. 500 v.
 Repair shop at Milton.
 Reaches Riverside Park (owned).
 20.28 miles (9.28 owned and 11 leased);
 4-8½ g; 13 motor and 2 storage
 battery cars. 128

MONESSEN. 21,630 (1916).

(See No. 906.)

MONTOURSVILLE. 1,904.

961—Montoursville Pass. Ry. Co.—
 Office, 131 Broad St., P. O. Box 419.
 (Connects Montoursville and Williams-
 port where connection is made with
 the lines of Williamsport System at
 East Third St.)
 Pres. Clarence L. Peaslee... Williamsport
 V. Pres. F. C. Leonard.... Coudersport
 Sec. & Treas. W.P. Beeber, Williamsport
 Gen. Mgr. & Pur. Agt.
 Frank H. Renninger.... Montoursville
 Ch. Engr. Pwr. Sta.
 Harry Burger....."
 Engr. Ovhd. Constr.
 William Graffis....."
 Engr. M. of W. B. Stutz.."
 Park Mgr. W. J. Ritchie.."
 Power sta. equip. 5 d. c. G. E. W. E.
 tot. 560 kw; 820 hp. e. McE. Ham. Cor.
 Weth; 500 hp. b. Keeler; trolley volt
 550 v. d. c. Energy also purchased from
 Montoursville Elec. Lt. Co.
 Power sta. and repair shop at Mon-
 toursville.
 Reaches Indian Park.
 5.5 miles; 4-8½ g; 8 motor and 2 other
 cars. ★59

MT. CARMEL. 20,268 (1916).

**962—Shamokin & Mt. Carmel Tran-
 sit Co.—**Office, Mt. Carmel. (Con-
 solidation of the Shamokin & Mt.
 Carmel Elec. Ry. Co. and the Ashland
 & Centralia Elec. Ry. Co.; also oper-
 ates Mt. Carmel & Locust Gap Trac.
 Co.) (Connects Shamokin, Brady,
 Kulpmont, Mt. Carmel, Strong, Cen-
 tralia, Ashland, Beaverdale and Locust
 Gap.)
 Pres. & Gen. Mgr.
 E. W. Samuel.....Mt. Carmel
 Sec. & Audr. Jos. D. McConnell "
 Treas. Wm Kiefer, Jr....."
 Supt. & Pur. Agt..
 A. Howard Thomas, Jr.... Shamokin
 Ch. Engr. Wilson Leiby.... Mt. Carmel
 M. M., Wm. Eoute....."
 Power sta. equip. 5 d. c. G. E. tot. 1400
 kw; 2000 hp. e. Allis-C. Cpr. Cor; 900
 hp. b. Coates v; trolley volt. 550 v.
 Power sta. and repair shops near Mt.
 Carmel.
 Owns Maysville Park.
 19.5 miles; 4-8½ g; 52 motor pass.,
 7 trail pass. and 9 other cars.
 (Energy to be purchased from Pennsyl-
 vania Ltg. Co.) ★59

NANTICOKE. 23,126 (1916).

(See No. 1028.)

NAZARETH. 3,978.

(See No. 899.)

NEW BRIGHTON. 9,277 (1916).

**963—The Beaver Valley Traction
 Co.—**Office, New Brighton. (Con-
 solidation of the Beaver Valley St.
 Ry., Central Elec. St. Ry., College &
 Grandview Eleo. R. R., Beaver &
 Vanport Elec. St. Ry., Riverview
 Elec. St. Ry. Co., Rochester &
 Monaca Elec. St. Ry., Freedom &
 Conway Elec. St. Ry., Vanport Elec.
 St. Ry., and People's Elec. St. Ry. Co.
 of Rochester, Pa.) (Connects College
 Hill, Beaver Falls, New Brighton,
 Rochester, Bridgewater, Beaver, Van-
 port, Freedom and Conway.) (Con-
 trolled by the Philadelphia Co.)
 Pres. S. L. Tone, 435 6th Ave. Pittsburgh
 V. Pres. J. D. Callery "
 Sec. W. B. Carson "
 Treas. C. J. Braun, Jr. "
 Asst. Treas.
 J. W. Murray "
 Controller,
 C. S. Mitchell "
 Supt. & Park Mgr.
 W. H. Boyce.....New Brighton
 Claim Agt.
 Cecil G. Rice, 435 6th Ave. Pittsburgh
 Pur. Agt.
 C. W. Lepper. "
 Ch. Engr. Pwr. Sta.
 H. M. Childs. "
 Roadmaster,
 Wm. Allshouse "
 Safety Engr., H. O. Allison.... Beaver
 Power sta. equip. 3 d. c. G. E. T.-R.
 tot. 700 kw; 1128 hp. e. Beckye, McE;
 900 hp. b. Bab. & W, Cadwell, Stir;
 trolley volt. 550 v.
 3 sub. sta. 6 rot. conv; trans. 22,000-
 66,000 v; trolley 600 v.
 Energy purchased for sub-stas. from
 Duquesne Lt. & Pwr. Co., Pittsburgh, Pa.
 Steam sta. and repair shop at Roches-
 ter Township (P. O., New Brighton).
 Owns Junction and Morado Parks.
 36.205 miles; 5-2½ g; 64 motor and 9
 other cars. ★59

NEW CASTLE. 41,133 (1916).

964—New Castle & Lowell Ry. Co.
 —Office, 25-31 East Boardman St.,
 Youngstown, O. (Controlled by Ma-
 honing & Shenango Ry. & Lt. Co.,
 which see for officers.) (Connects New-
 castle to Pennsylvania and Ohio State
 line. Cars operating over this line are
 through limited cars of the Mahoning
 & Shenango Ry. & Lt. Co.)
 Energy furnished by the Mahoning &
 Shenango Ry. & Lt. Co.
 12.19 miles; 4-8½ g. 69

**965—Sharon & New Castle St. Ry.
 Co. (Pa.) and The Sharon & New
 Castle Ry. Co. (Ohio).**—Office,
 25 E. Boardman St., Youngstown,
 Ohio. (Connects Hubbard (Ohio), and
 New Bedford and New Castle (Pa.).
 (Controlled by Mahoning & Shenango
 Ry. & Lt. Co., which see for officers.)
 Energy furnished by the Mahoning &
 Shenango Ry. & Lt. Co.
 16.74 miles (4.37 in Ohio); 4-8½ g; 5
 motor cars. 69

NEW KENSINGTON. 8,000.

965a—Allegheny Valley St. Ry. Co.
 —General office, Benedum-Trees
 Bldg., 221—4th Ave., Pittsburgh.
 (Controls Allegheny Valley Lt. Co.)
 (Connects Pittsburgh, Aspinwall, Ches-
 wick, Springdale, New Kensington,
 Tarentum, Brackenridge and Nat-
 rona.) (Owned and operated by the
 West Penn. Rys. Co.)
 Pres. Williston Fish.....Pittsburgh
 V. Pres. Raymond B. Keating "
 Sec. & Treas. C. C. McBride. "
 Asst. Sec. W. F. Craig....."

Asst. Treas. R. C. Lightcap..Pittsburgh
Audr. M. W. Glover, " " " " " "

Gen. Mgr. of Opr. " " " " " "
H. A. Dunn..... " " " " " "
Claim Agt. T. B. Donnelly.... " " " " " "
Pur. Agt. W. E. Higgins..... " " " " " "

Ch. Engr. Roadway & Structures " " " " " "
J. L. Fritsch..... " " " " " "

Supt. A. A. Hatch..... New Kensington
Supt. Equip. Daniel Durie..Connellsville

Supt. Ovhd. Constr. " " " " " "
W. M. Rogers..... " " " " " "

M. M., S. J. Witt..... " " " " " "
Power sta. equip. 2 d. c. W. E., G. E.
tot. 1250 kw; 3 a. c. W. E. tot. 1125 kw.
6600 v. 3 hp. 60 cys; 2850 hp. e. Wis-
consin, Hamilton; 2000 hp. b. Bab. &
W; trans. volt. 22,000 & 6600 v;
trolley volt. 650 v. Energy also pur-
chased from Allegheny Valley Lt. Co. &
West Penn. Pwr. Co..

Harmarville sub-sta. leased to West
Penn Pwr. Co.; Creighton power sta.
operated by Allegheny Valley Lt. Co.;
repair shops at Tarentum.

22.34 miles; 5-2½ g; 21 motor pass.
2 work and 2 other cars; 1 sweeper ★69

NEWTOWN. 1,675.

(See No. 612.)

NORRISTOWN. 31,401 (1916).

966—Montgomery Transit Co.—
Office, 1200 Stock Exch. Bldg., Phila-
delphia. (Connects Norristown,
Trooper, Fairview Village, Centre
Point, Cedars, Skippack, Lederach and
Harleysville; operates over tracks of
Reading Transit & Lt. Co. from
Trooper to Norristown, (3.71 miles).

Pres. C. Merwyn Graham... Norristown
V. Pres. John Lederach..... " "

Sec. Treas. & Audr. " " " " " "
Daniel M. Anders..... " " " " " "

Gen. Mgr., Pur. Agt. & Ch. Engr. " " " " " "
Percival Armitage..... Philadelphia
Supt. & Gen. Fgt. & Pass. Agt. " " " " " "

I. B. Kline..... Skippack
Claim Agt. Calvin Stein... Norristown
M. M. Sidney Larrad..... Skippack

Energy purchased from Reading Trans-
it & Light Co.; trans. volt. 13,200 v;
trolley volt. 600 v.

Repair shops at Skippack.
56.22 miles (12.51 miles owned);
12-½ g; 3 motor pass. and 3 other motor
cars. (Lines from Harleysville to Souder-
ton (4.3 miles) and Harleysville to East
Greenville (12 miles) under construction.)

118

967—Norristown Transit Co.—Office
1411 Chestnut St., Philadelphia.
(Owned by Philadelphia & Western
Ry. Co. and Lehigh Valley Transit Co.
and operated by the latter company.)
Pres. C. E. Ingersoll..... Philadelphia
V. Pres. H. R. Fehr..... Allentown
Sec. & Treas. Gerald Holman, Philadelphia
4-8½ g. 118

968—Reading Transit & Lt. Co.
Norristown Div.—Office, Norristown.
(Leases the Schuylkill Valley Trac. Co.
(stock owned by The United Pwr. &
Transp. Co.) and its leased lines as
follows: Norristown Pass. Ry. Co.;
Citizens' Pass. Ry. Co.; Montgomery
Co. Pass. Ry. Co.; Roxborough, Chest-
nut Hill & Norristown Ry. Co.; Wis-
sahickon Elec. Pass. Ry. Co.; Consho-
hocken Ry. Co.; The Trappe & Lime-
rick Elec. St. Ry. Co., and the College-
ville Elec. St. Ry. Co., connecting
Philadelphia, Conshohocken, Norristown
and Pottstown.) For general

officers, see Reading.

Div. Supt. Geo. W. Magill... Norristown
Energy purchased from Metropolitan
Edison Co. and Counties Gas & Elec. Co.,
trans. volt. 13,200 v; trolley volt. 600 v.

Repair shop at Norristown.
Reaches Ringing Rocks and Plymouth
Parks.

70.75 miles; 5-2½ g; 70 motor pass.,
4 fgt. motor and 17 other cars. ★59

OAKDALE. 1,700.

(See No. 953a.)

OIL CITY. 19,297 (1916).

969—The Citizens' Traction Co.—
Office Oil City. (Company owns or
controls the Citizens Lt. & Pwr. Co.,
The Monarch Park Hotel Co., the Big
Rock and Reno Bridge Cos., and is a
consolidation of all the electric roads in
Franklin and Oil City. (Connects Oil
City, Franklin and Rouseville.) (Con-
trolled by Municipal Service Co.,
Phila., Pa.)

Pres. Jos. Seep..... Titusville
V. Pres. " " " " " "

James Crosby Brown... Philadelphia
Sec. John E. Zimmermann... " "

Treas. B. W. Frazier, Jr.... " "

Audr. J. G. McClellan..... Oil City
Gen. Mgrs. " " " " " "

Day & Zimmermann..... Philadelphia
Gen. Supt. J. H. McClure..... Oil City

Gen. Fgt. & Pass. Agt. & Road-
master, V. A. Redfield. " "

Pur. Agt. B. L. Cole..... " "

Asst. Supt. Transp. " " " " " "

J. L. Hardenburg..... Franklin
Ch. Engr. Pwr. Sta., " " " " " "

E. W. York..... Oil City
M. M., Chas. Aiken..... " "

Power sta. equip. 4 turbo-gen. Curtis
tot. 3000 kw; 2250 hp. b. Oil City; trans.
volt. 11,000 v; trolley volt. 550 v.

Power sta. and repair shop at Oil City.
Operates Monarch Park.

34.7 miles; 4-8½ g; 52 motor cars and
11 other cars; 2 snow plows. 59

PALMYRA. 2,000.

(See Nos. 935 and 949.)

PATTON. 3,907.

970—Northern Cambria St. Ry. Co.—
Office, Patton. (Connects Patton,
Carrolltown, St. Benedict, Spangler
and Barnesboro.) (Sold at fore-
closure, 1918.)

Pres. W. H. Denlinger..... Patton
V. Pres. Rembrand Peale,
2710 Grand Central Term.,
New York, N. Y.

Sec. & Treas. J. H. Allport..Barnesboro
Audr., Supt. & Pur. Agt., " " " " " "

C. L. Calahan..... Patton
Ch. Engr. P. M. Ray..... " "

Power sta. equip. 2 d. c. Westg. tot.
500 kw; 700 hp. e. Erie, Ball; 700 hp. b.
Stir, Bab. & W; trolley volt. 600 v.

Power sta. and repair shop at St.
Benedict.

Reaches Sunset Park (owned).
13 miles; 4-8½ g; 7 motor pass. and 7
trail pass. cars; 1 other motor car.

PEN ARGYL. 3,967 (1915).

971—Slate Belt Elec. St. Ry. Co.—
Office, Pen Argyl. (Connects Bangor,
Belfast, Pen Argyl, Wind Gap and
Nazareth.)

Pres. & Gen. Mgr., " " " " " "
J. T. Hambleton..... Pen Argyl

V. Pres. J. C. Keller..... Wind Gap
Sec. G. A. Schneebeli..... Nazareth

Treas. C. A. Harris..... Philadelphia
Supt. & Gen. Fgt. Agt., " " " " " "

Calvin Itterly..... Pen Argyl
Engr. M. of W., Wilson Siegel " " " " " "

Engr. Ovhd. Constr., " " " " " "
George Andrews..... " " " " " "

Pur. Agt. & M. M. " " " " " "
Charles Doud..... " " " " " "

Energy purchased from Penna. Utilities Co.; 400 kw. mo-gen. sets; trans. volt. 2300 v; trolley volt. 575 v.
 Repair shop at Pen Argyll.
 18 miles; 4-8½ g; 7 motor and 3 other cars. 128

PHILADELPHIA. 1,709,518 (1916).
 (See also Nos. 13, 586, 587, 605, 611, 912, 966, 997, 1009, 1017, 1018, 1026, 1027 and 1032.)

972—Chester & Philadelphia Ry. Co.—Office, 8th and Dauphin Sts., Philadelphia. (Operated by Philadelphia Rapid Transit Co. and Philadelphia Rys. Co. (3,082 miles) under agreement.) (Connects Chester and Philadelphia.)
 Pres. W. C. Dunbar..... Philadelphia
 V. Pres. & Treas.,
 I. H. Silverman..... "
 Sec. H. S. Meredith..... "
 Energy from Phila. Rapid Transit Co., Delaware County Elec. Co. and Beacon Lt. Co.
 11.795 miles; 5-2¼ g. ★59

973—Fairmount Park Transit Co.—Office, Fairmount Park. (Successor to Fairmount Park Transportation Co.)
 Pres. Norman S. Alexander,
 Sta. W., West Park, Philadelphia
 Sec. & Treas. Clayton E. Platt "
 Asst. Gen. Mgr., W. S. Hartman "
 Ch. Engr. Pur. Sta., D. Byrne "
 M. M., J. H. Macluary..... "
 Power sta. equip. 4 d. c. G. E. West. tot. 1800 kw; 2410 hp. e. (stm.) Weth; 1850 hp. b. Berry, Bab. & W; trolley volt. 500 v.
 Power sta. and repair shop at Sta. W. Fairmount Park.
 Owns and controls Woodside Park.
 8.33 miles; 5-2½ g; 30 motor and 30 other cars. ★59

74—Frankford, Tacony & Holmesburg St. Ry. Co.—Tacony, Philadelphia (Station L). (Connects Phila., Frankford, Tacony, Holmesburg and Torresdale.)
 Pres. C. Bradford Fraley,
 1815 Land Title Bldg., Philadelphia
 V. Pres. Wm. Milnes,
 331 Grove St. "
 Sec. & Treas. James H. Bell,
 1815 Land Title Bldg. "
 Gen. Mgr.
 Thos. Gibson... Tacony, Philadelphia
 Supt. Constr.
 Thos. Devine.... " "
 Fmn. Car Barn
 Eugene Cook.... " "
 Power sta. equip. 4 d. c. Ridg. tot. 900 kw; 1200 hp. e. Ridg; 1200 hp. b. Murray, A. & T; trolley volt. 550 v.
 Power sta. and repair shops at Tacony.
 16 miles owned, 1.11 miles leased;
 5-2½ g; 35 motor pass., 6 other motor cars and 1 other car. ★59

975—Pennsylvania Railroad, Eastern Lines.—Paoli and Chestnut Hill Divs. Gen. Office, Broad St. Sta., Phila. (United States Railroad Administration.) (Extends from Broad St. Sta. Philadelphia to Paoli, 20.3 miles, and West Philadelphia to Chestnut Hill, 10.2 miles.)
 Dir. Gen. Walter D. Hines,
 Allegheny Region

CORPORATE OFFICERS

Phila. Pres. Samuel Rea... Philadelphia
 Assts. { Engr. M. of W. & Equip
 to Pres. { J. G. Rodgers..... "
 { W. V. Moyer..... "
 { Geo. D. Dixon..... "
 Treas. Henry Tatnall.... "
 Vice { W. Heywood Meyers... "
 Prests. { A. J. County..... "
 Res. Cumb. Valley Dist.
 M. C. Kennedy.. Chambersburg

Asst. to V. Pres.
 Geo. J. Adams..... Philadelphia
 Sec. Lewis Neilson..... "
 Asst. / Robt. H. Groff..... "
 Secs. J. Tanek Wilcox..... "
 Asst. / Geo. A. Walker..... "
 Treasrs. { Henry H. Lee..... "
 Asst. Sec. & Asst. Treas.
 J. W. Marshall.... New York, N. Y.
 Gen. Real Est. Agt.,
 Thos. W. Hulme..... Philadelphia
 Asst. to Gen. Real Est. Agt.
 W. W. Mayer..... "
 Corp. Engr. Horace C. Booz..... "
 Asst. Engr. Norman F. Brown... "
 Gen. Counsel Francis I. Gowen... "
 Asst. Compt. F. J. Fell, Jr..... "
 Ins. Agt. F. A. Greene..... "
 Asst. Engr. Maint. of Equip.
 F. S. Rolinson..... "
 Asst. Engr. M. of W. R. R. Nace. "

ADMINISTRATIVE DEPARTMENT

Federal Mgr. Elisha Lee..... "
 Spec. Asst. to Federal Mgr.
 H. T. Wilkins..... "
 Ch. Mech. Engr. A. W. Gibbs... "
 Gen. Supvr. of Mail Traffic,
 V. J. Bradley..... "
 Gen. Storekeeper, G. W. Snyder, II.

OPERATING DEPARTMENT

Gen. Mgr. R. L. O'Donnel..... "
 Gen. Supt. Transp. C. M. Sheaffer
 { Fgt. Transp. Asst Pass.
 { Transp. M. W. Clement. "
 Supts. { Stas. & Transfers
 { J. F. Deasy..... "
 { Car Service I. S. Bell. "
 { Telegraph, J. C. Armstrong
 Gen. Supt. Motive Pwr.
 J. T. Wallis..... Altoona
 Asst. Gen. Supt. Motive Pwr.
 J. M. Henry..... "
 Engr. Maint. of Way
 W. G. Coughlin..... Philadelphia
 Signal Engr. A. H. Rudd..... "
 { Phila. Term. Div.
 Div. { A. M. Parker..... "
 Supts. { Gen. Supt. N. W. Smith.. Altoona
 { Phila. Div.
 William Elmer.... Harrisburg
 Asst. M. M., H. K. LeSurre. Philadelphia

FREIGHT DEPARTMENT

Fgt. Traffic Mgr. G. D. Ogden.... "
 Asst. Fgt. Traffic Mgr. E. P. Bate
 Gen. Coal Fgt. Agt.
 A. C. Clevenger..... "
 Gen. { J. L. Eysmans..... "
 Fgt. Agts. { J. B. Large..... "
 Asst. Gen. { W. C. Glynn..... "
 Fgt. Agts. { R. R. Blydenburgh.... "
 { W. S. Franklin, Jr..... "

PASSENGER DEPARTMENT

Pass. Traffic Mgr.
 Jas. P. Anderson..... "
 Gen. { D. N. Bell..... "
 Pass. Agts. { O. T. Boyd..... "
 Asst. Gen. { R. J. DeLong..... "
 Pass. Agts. { E. Yungman..... "

ENGINEERING DEPARTMENT

Ch. Engr. A. C. Shand..... "
 Asst. Ch. Engr. J. F. Murray.... "
 Engr. of Bridges & Bldgs.
 H. R. Leonard..... "

TREASURY DEPARTMENT

Federal Treas. J. F. Fahnstock... "
 Asst. Federal (H. P. Connor..... "
 Treas. { J. M. Wood..... "

ACCOUNTING DEPARTMENT

Federal Audr. E. A. Stockton.... "
 Asst. Federal Audr. J. S. Donaldson "

REAL ESTATE DEPARTMENT

Real Estate Agt. J. P. Gauff..... "
 Asst. Real { H. E. Tripler..... "
 Estate Agts. { T. F. McClain..... "

PURCHASING DEPARTMENT

Pur. Agt. Samuel Forcher..... "

INSURANCE AND SAFETY DEPARTMENT

Supt. Insur. & Safety
 R. H. Newbern..... "

LEGAL DEPARTMENT

Gen. Solicitor, G. S. Patterson Philadelphia
 Ch. Claim Agt. J. C. Rose " "
 Fgt. Claim Agt. R. L. Franklin " "
 Energy purchased from Philadelphia
 Electric Co.; trans. volt. 44,000 v;
 trolley volt. 11,000 v. s. ph. (catenary).
 6 sub. stas. tot. cap. 44,000 kva. 5 with
 auto control.
 Repair shops at Paoli.
 116.3 miles; 4-8½ g; 115 motor pass.
 cars. ★59

976—Philadelphia Railways Co.—

Office, 605 Land Title Bldg., Philadelphia. Connects Philadelphia, Eddystone and Chester.) (Operates under agreement Essington Div. of Chester & Phila. Ry. Co. (3.082 miles.)
 Pres. I. H. Silverman..... Philadelphia
 Sec. A. W. From..... " "
 Treas. Chas. F. Wagner, Jr..... " "
 Supt. Jos. C. Lugar..... " "
 Energy purchased from Phila. Elec. Co.
 Power sta. and repair shops at west side of Penrose Ferry Bridge.
 Reaches Point Breeze Park.
 13.292 miles; 5-2 g; 26 motor and 3 other cars. ★59

977—Philadelphia Rapid Transit Co.

—Exec. office, Land Title Bldg.; operating office, 8th & Dauphin Sts. (Leases and operates Union Trac. Co. and all its underlying properties. Operates Chester & Philadelphia Ry. Co.)
 Chmn. Exec. Comm. & Pres.
 Thomas E. Mitten..... Philadelphia
 V. Pres. R. B. Hamilton..... " "
 V. Pres. (in charge Welfare & Pub. Rel.) H. G. Tulley..... " "
 Sec. F. B. Ellis..... " "
 Treas. G. W. Davis..... " "
 Compt. W. C. Dunbar..... " "
 Audr. E. L. Austin..... " "
 Supt. Transp. G. A. Richardson.. " "
 Supt. of Time Tables, Leon Jewell " "
 Elec. Engr. G. A. Harvey..... " "
 Engr. of Way, George B. Taylor.. " "
 Supt. Roll. Stk. & Bldg.
 R. T. Senter..... " "
 Pur. Agt. W. L. Maize..... " "
 Mgr. Willow Grove Park,
 J. R. Davies..... " "

POWER STAS. EQUIP. 13th & Mt. Vernon Sts. Phila.—5 d. c. Westg. tot. 7500 kw; 11,250 hp. e. Weth; 2 G. E. exhaust turbines tot. 1600 kw; 7500 hp. b. Bab. & W. Parker; all trolley volt. 600 v.

963 BEACH ST. STA., PHILA.—5 a. c. G. E. Westg. tot. 42,800 kw. 3 ph 25 cys; 20,180 hp. b. Bab. & W. Parker; trans. volt. 13,200 v.

33D & MARKET STS. STA., PHILA. —6 d. c. Westg. tot. 7600 kw; 1 a. c. Westg. 5000 kw. exhaust turb; 11,400 hp. e. Weth, Penna; 7980 hp. b. Bab. & W. Parker.

2D ST. & WYO. AVE. STA., PHILA. —1 d. c. G. E. 500 kw. 575 v; 6 a. c. Westg. tot. 9000 kw. 3 ph. 25 cys; 2 a. c. G. E. tot. 2000 kw. (with Weth. engines 3 ph. 25 cys; 10,800 hp. b. Parker; trans. volt. 13,200 v.

UPPER DARBY, DEL. CO., STA.— 3 d. c. Westg. De Laval tot. 475 kw; 600 hp. e. Fitch; 500 hp. b. Bab. & W; 112 hp. turb. De Laval. This plant is for lighting, heating and compressed air.

In addition to the power stations, company has 17 sub stations, located as follows: 2d St. and Wyoming Ave.; 33d and Market Sts.; 123 East Chelton Ave.; 32d and Dauphin Sts.; Germantown and Erie Aves.; 15th and Tucker Sts.; 2035 Banstead St.; Frankford Ave. and Arrott St.; 13th and Mifflin Sts.; 52d and Lancaster Ave.; Glenside, Mont. ; 812 Sansom St.; Allison and Market

Sts.; 58th St. and Woodland Ave.; 1823 E. Letterly St.; Manayunk and 80th St. and Eastwick Ave. tot. cap. 96,000 kw; 62 rot. conv.

Energy purchased, 22,000 kw. in City; 6200 kw. in Suburbs.

Principal repair shops at 8th & Dauphin Sts., 2501 Kensington Ave. and 69th & Market Sts.

Owens Willow Grove Park, 98 acres, and reaches Fairmount Park.

671.42 miles (648.094 surface, 16.708 elevated and 6.618 subway); 5-2¼ g; 2,973 mo. pass. cars (2,758 surface trolley and 215 Third Rail Elevated cars), 22 fgt. motor and 365 other cars. ★59

978—Trenton, Bristol & Philadelphia

St. Ry. Co.—Office, 204 Radcliffe St., Bristol. (Connects Phila, Bristol, Tullytown, Morrisville, Bridgewater, Eddington, Cornwells, Andalusia, Torresdale and Trenton, N. J.)

Pres. Carl N. Martin,
 Stock Exc. Bldg., Philadelphia
 V. Pres. John Redwood,
 Stock Exc. Bldg., Baltimore, Md.
 Sec. J. Elliott Newlin,
 Stock Exc. Bldg., Philadelphia

Gen. Mgr. & Pur. Agt. M. J. Hill, Bristol
 Fgt. Agt. Alf. DuBoise..... " "
 M. M., James Cochrane..... " "

Power sta. equip. 2 d. c. G. E. W. E. tot. 500 kw; 750 hp. e. Ham. Cor. Ridg; 750 hp. b. Heine, Keeler; trans. & trolley volt. 600 v.

17.67 miles; 5-2½ g; 15 motor and 5 other cars. ★69

979—The American Railways Co.

—Office, 1321 Walnut St. (Controls Bridgeton & Millville Traction Co., Elec. Co. of N. J., Bridgeton, N. J.; Springfield Ry. Co., Springfield, O.; People's Ry. Co., Dayton, O.; Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.; Chicago & Joilet Elec. Ry. Co., (which controls Chicago & Desplaines Valley Elec. Ry. Co., Joilet, Ill.); Ohio Valley Elec. Ry., Huntington, W. Va.; Kanawha Valley Trac. Co., Charleston, W. Va.; Home Elec. Lt. & Stm. Htg. Co., Tyrone, Pa.; Scranton Ry. Co., (which operates under lease the Scranton, Dunmore & Moosic Lake R.R. Co.); Lynchburg (Va.) Trac. & Lt. Co., Boyd County Elec. Co., Ashland (Ky.); Cons. Lt., Ht. and Pwr. Co., Huntington (W. Va.); Ironton Elec. Co., Ironton (Ohio); Monmouth Ltg. Co., Keyport (N. J.); Cape May Lt. & Pwr. Co., Cape May (N. J.); Port Huron Gas & Elec. Co., Port Huron (Mich.); Quincy Gas & Elec. Htg. Co., Quincy (Ill.); Rome Gas. Gas Lt. Co., Niles (Mich.); Portsmouth Gas Co., Portsmouth (Ohio); Warsaw Gas Co., Warsaw (Ind.); Roanoke (Va.) Trac. & Lt. Co. (which controls Roanoke (Va.) Ry. & Elec. Co.), Jersey Central Trac. Co. and Wilmington (Del.) & Philadelphia Trac. Co. and Dellwood Park Co., Joilet (Ill.) (Controlled by National Properties Co.)

Pres. Van Horn Ely..... Philadelphia

1st V. Pres. John Gribbel... " "

2d V. Pres. C. L. S. Tingley " "

Sec. & Treas. Walter W. Perkins " "

Asst. Sec. Asst. Treas. & Compt. " "

Frank J. Pryor, Jr. " "

Asst. Compt. H. D. Anderson " "

Gen. Mgr. H. J. Crowley... " "

Pur. Agt. G. C. Weirick... " "

Gen. Storekeeper J. A. Berndt " "

Mech. Engr. A. Kuylenstjerna " "

Elec. Engr. P. H. Chase.... " "

Engr. Way & Struct. C. G. Keen " "

★59

980 — The Kentucky Securities

Corpn.—Office, Franklin Bank Bldg., 1416 Chestnut St. (Controls Kentucky Trac. & Term. Co., Lexington,

Ky., Lexington (Ky.) Ice Co. and Lexington (Ky.) Utilities Co.)
 Pres. P. M. Chandler..... Philadelphia
 V. Pres. F. W. Bacon..... "
 Sec. W. J. Devine..... "
 Treas. H. Williams, Jr..... "

★59

981—National Properties Co.—Gen. Office, 834 Market St., Wilmington, Del. (Controls through ownership of stock Chester County Lt. & Pwr. Co. of Penn., New Castle County Elec. Co. of Delaware and The American Rys. Co. of Philadelphia.)

Pres. Van Horn Ely,
 Witherspoon Bldg., Philadelphia
 V. Pres. A. C. Robinson,
 Commonwealth Bldg., Pittsburgh
 Sec. & Treas. Henry P. Carr,
 Witherspoon Bldg., Philadelphia
 Audr. H. D. Anderson " "

★59

981a—Municipal Service Co.—Office Land Title Bldg. (Controls Chester Valley Elec. Co. (Coatesville, Pa.), Staunton (Va.) Ltg. Co., Arlington (Va.) Elec. Co., Riverside Lt. & Pwr. Co., (Waynesboro, Va.), Alexandria (Va.) County Ltg. Co., Youngstown (O.) & Suburban Ry. Co., Citizens' Trac. Co. (Oil City, Pa.), Salem (O.) Ltg. Co., Sumter (S. C.) Ltg. Co. and Valdosta (Ga.) Ltg. Co.)

Pres. G. B. Baker..... Boston, Mass.
 V. Pres. Charles Day..... Philadelphia
 Sec. John E. Zimmermann..... "
 Treas. W. W. Brooks..... Boston, Mass.
 Pur. Agts.
 Day & Zimmermann, Inc., Philadelphia
 Asst. Sec. C. A. McClure..... "
 Asst. Treasrs. { L. B. Harvey " "
 { J.W. Swain, Jr. " "

★69

982 — The United Gas Improvement Co.—Office, Broad & Arch Sts., Phila. (Interested in the following electric properties: Charleston (S. C.) Consol. Ry. & Ltg., Counties Gas & elec. Co. (Norristown & Ardmore, Pa.), Fulton County Gas & Elec. Co., Gloversville, (N.Y.), Northern Indiana Gas & Elec. Co., (Hammond & Lafayette, Ind.), Sioux City (Iowa) Gas & Elec. Co. and Syracuse (N. Y.) Ltg. Co.)

Pres. S. T. Bodine..... Philadelphia
 V. Pres. Randal Morgan..... "
 2nd V. Pres. Walton Clark..... "
 3rd V. Pres. Lewis Lillie..... "
 4th V. Pres. W. F. Douthirt..... "
 5th V. Pres. Paul Thompson..... "
 Sec. G. W. Curran..... "
 Treas. I. W. Morris..... "
 Gen. Audr. Edward Porter..... "
 Pur. Agt. J. A. Pearson..... "
 Mgr. New Business Dept.
 C. W. Hare..... "
 Sales Agt. D. J. Collins..... "

★49

982a—United National Utilities Co. Gen. Office, 603 Market St., Wilmington, Del. (Controls Amer. Rys. Co. and subsidiaries, National Properties Co. and subsidiaries, Jersey Central Trac. Co., Middlesex & Monmouth Elec. Lt., Ht. & Pwr. Co., Monmouth Ltg. Co. and National Gas & Elec. Co. and subsidiaries.)

Pres. Van Horn Ely..... Philadelphia
 V. Pres. C. J. Crowley..... "
 Sec. & Treas. Walter W. Perkins " "

★69

PHILIPSBURG. 3,585.

983 — Centre & Clearfield Ry. Co.—Office, Philipsburg. (Controlled by Penn. Public Service Co., which in turn is controlled by Pennsylvania Elec. Co.) (Connects Philipsburg, Morrisdale, Munson and Winburne.)

Pres. F. T. Hepburn... New York, N. Y.
 Gen. Mgr. Stephen C. Pohe... Clearfield
 Sec. F. P. Bagley..... "
 Supt. J. J. Barnick..... Philipsburg
 Pur. Agt. E. F. Brown..... Clearfield
 Ch. Engr. Roy Flegal..... Philipsburg
 M. M., E. Gennicks..... "
 Roadmaster, D. C. Nelson..... "

Energy purchased from Penn. Public Service Co.; trans. volt. 22,000 v; trolley volt. 550 v.

1 sub-sta. cap. 200 kw.; 1-200 kw. rot. conv.

Repair shops at Philipsburg.
 Reaches Park at Morrisdale.
 12 miles; 4-8½ g; 7 motor and 2 other cars. 59

PHOENIXVILLE. 11,714 (1916).

(See also No. 997.)

984 — The Phoenixville - Valley Forge & Strafford Elec. Ry. Co.—Office, Phoenixville. (Connects Phoenixville, Corner Store, Williams Corner and Valley Forge.)

Pres., Gen. Mgr. & Pur. Agt.
 Thos. E. O'Connell..... Phoenixville
 Sec. I. E. Miller..... "
 Treas. V. N. Shaffer..... "
 Supt. & M. M.
 Wm. O. Taylor..... Valley Forge
 Ch. Engr. Howard W. Sanford,
 815 Union St., Philadelphia

Energy purchased from Phila. Suburban Gas & Elec. Co.

Repair shops at Williams Corner.
 Reaches Valley Park (owned).
 5.5 miles; 4-8½ g; 8 motor and 2 other cars. (Will extend to Norristown via Mont Clare and Jeffersonville.) 127

PITTSBURG. 579,090 (1916).

(See also Nos. 911, 925, 945, 948, 950, 954, 965a and 1247a.)

985 —Dubuque Inclined Plane Co. Office, 1212 Grandview Ave. (Operates incline 800 ft. long and 400 ft. high from Carson St. to Grandview Ave.)

Pres. F. W. Severance..... Glassport
 V. Pres. F. B. Nimick
 Keystone Bldg., Pittsburg
 Sec. & Mgr. Kirk O. Bigham... "
 Treas. S. Severance
 Union Bk. Bldg. " "

Power sta. equip. 60 hp. e. Mulholland; b. Riter & Conley.
 1600 ft. (cable); 5 g; 2 cars. 59

986—Pittsburg & Beaver St. Ry. Co.—(Controlled by Philadelphia Co.) (Connects Baden, Economy, Ambridge and Leetsdale.)

Pres. S. L. Tone, 435 6th Ave., Pittsburg
 V. Pres. J. H. Reed..... "
 Sec. W. B. Carson..... "
 Treas. C. J. Braun, Jr..... "
 Controller, C. S. Mitchell..... "
 Supt. W. H. Boyce..... New Brighton
 Power sta. equip. 2 d. c. Westg. tot. 400 kw; 300 hp. e. Rus; 300 hp. b. Stir; trolley volt. 550 v.

Power sta. at Ambridge.
 14.99 miles; 5-2½ g; cars rented from The Beaver Valley Trac. Co. 59

987—Pittsburg, Mars & Butler Ry. Co.—Office, 124 Stanwix St., Pittsburg, (Successor to Pittsburg & Butler Ry. Co.) (Connects Pittsburg, Mars and Butler.)

Pres. David McCahill..... Pittsburg
 V. Pres. Stanley Lyon..... "
 Sec. & Treas. C. G. Martin... "
 Supt. A. S. Fullerton..... Mars
 Fgt. Claim Agt.

F. L. Zeigler, Duquense Way, Pittsburg
 Pur. Agt. J. B. Campbell... "
 M. M., W. R. Adair..... Mars
 Engr. M. of W., A. Demat..... "
 Power sta. equip. 4 d. c. G. E. tot. 1200 kw; 3 a. c. turbo-gen. West. tot. 3000 kw.

6600 v. 3 ph. 25 cys; 175 hp. e; 2400 hp. b. Bab. & W.; trans. volt. 22,000 v; trolley volt. 1200 v.

2 sub-stas. (with auto. cont.) tot. cap. 1000 kw; 4 rot. conv.

Power sta. at Renfrew; repair shops at Mars.

Reaches Wildwood Park.

33.3 miles; 5-2½g; 11 motor pass. 2 other motor and 6 other cars. (Co. does ltg. business.) ★59

988—Pittsburg, Harmony, Butler & New Castle Ry. Co.—Office 124 Stanwix St. (Connects Pittsburg, Zulienople, Beaver Falls, Evans City, Harmony, Butler, Ellwood City and New Castle.)

Pres. David McCahill.....Pittsburg

V. Pres. Jos. H. Moore....."

Sec. & Treas. C. G. Martin...."

Supt. H. Etheridge....."

Claim Agt. Personal Inquiry Edward Winter.....Harmony

Fgt. Claim Agt. Kent Randolph .."

Pur. Agt. J. B. Campbell.....Pittsburg

Ch. Engr. Geo. M. Evans.....Harmony

Power sta. equip. 2 a. c. G. E. Curtis turbo-gen. tot. 3000 kw. 3 ph. 60 cys; trans. volt. 13,200 v; trolley volt. 1200 and 600 v.; 2-500 kw. rot. conv. 600 v. d. c. 3 ph. 25 cys.

Power sta. and repair shops at Harmony.

80.5 miles; 5-2½g; 23 motor pass, 6 fgt. and 29 other cars. ★59

990 — Pittsburg Railways Co. — Office, 435 6th Ave. (Controlled by Philadelphia Company, and operates the following:)

Ardmore St. Ry. United Trac. Co., of Pittsburg; Consolidated Trac. Co., East McKeesport St. Ry. Co; Allegheny; Bellevue & Perrysville Ry. Co; Morning-side Elec. St. Ry. Co; Pittsburg, Canonsburg & Washington Ry. Co; Ben Avon & Emsworth St. Ry. Co; Washington & Canonsburg Ry. Co; Pittsburg & Birmingham Trac. Co; Pittsburg & Charleroi St. Ry; Monongahela St. Ry. Co; Suburban Rapid Transit St. Ry. Co; Mt. Washington St. Ry. Co.) (Operates in Pittsburg, East Pittsburg, Wilmerding, McKeesport, Duquesne, Monongahela City, Charleroi, Washington and adjacent towns.)

CORPORATE OFFICERS

Chmn. of Bd. Jas. D. Callery, Pittsburg

Pres. S. L. Tone....."

V. Pres. Jas. H. Reed....."

Sec. W. B. Carson....."

Treas. C. J. Braun, Jr....."

Compt. C. S. Mitchell....."

RECEIVERS

C. A. Fagan....."

W. D. George....."

S. L. Tone....."

OFFICERS FOR RECEIVERS

Sec. J. E. Ebreznz.....Pittsburg

Treas. J. L. Foster....."

Audr. J. A. Meade....."

Pur. Agt. C. W. Lepper....."

Gen. Mgr. P. N. Jones....."

Supt. Transpt. J. M. Loftis....."

Asst. Supt. Transpt. F. W. McCarthy....."

Traf. Agt. F. R. Cogswell....."

M. W. Flanagan....."

John Dalley....."

Div. E. C. Fitch....."

Supts. F. R. Wilhelm....."

J. E. Collier....."

F. H. Eibs....."

Supt. Claim Dept. Cecil G. Rice....."

Supt. of Equip. F. R. Phillips....."

Supt. Ovhd Lines, H. A. Pharo....."

Gen. Agt. J. S. Shedd....."

Ch. Engr. F. Uhlenhaut, Jr....."

Engr. M. of W. J. M. Larned....."

Asst. Engr. N. of W. G. W. Emory....."

M. M., Jno. A. Rogan....."

Asst. M. M., J. C. Keenan....."

Energy purchased from Duquesne Lt. Co.; trans. volt. 11,000 & 22,000 v. trolley volt. 550-600 v.

17 sub-stas. tot. cap. 33,200 kw. 28 rot. conv. cap. 16,300 kw; 23 mo. gen. set cap. 16,900 kw.

Repair shops at Homewood, Rankin, Allegheny, Glenwood, West End and South Side.

Reaches Kenneywood¹ and Westview Parks and Duquesne Garden.

606 miles; 5-2½g; 1,346 mo. and 631 other cars. ★59

990a—St. Clair Inclined Plane Co.—2227 Salisbury St.—(Operates an incline plane from Josephine St. to Arlington Ave. S. S.)

Pres. Geo. Lanz,..2307 Eccles St. Pittsburg

V. Pres. G. B. Blood...18th & Carson Sts "

Sec. Aug. Sprung, 304 Spring St., St. Clair Boro. "

Treas. Wm. Young, Salisbury & Sterling Sts. "

{Supt. Alex. O. Kortner, Sterling St., 16th Ward. "

Ch. Engr. Joseph Eichert....."

Engr. M. of W., John Hinkoffer... "

Energy purchased from Duquesne Lt. & Ht. Co.; 1 mo. West. 150 hp. 440 v. 3 ph. 60 cys.

Reaches Arlington Park City. 2046 ft.; 5-8g; 2 cable cars. 118

991—West Penn Rys. Co.—Office, Benedum-Trees Bldg., 221 4th Ave., Pittsburgh. (Formed by merger, May 23, 1917, of the following Brownsville St. Ry. Co., Greensburg & Southern Elec. St. Ry. Co., Latrobe-Hecla St. Ry. Co., Latrobe St. Ry. Co., Mason-town-Morgantown St. Ry. Co., McKeesport & Irwin Ry. Co., Pittsburgh, McKeesport & Connellsville Ry. Co., Pittsburgh, McKeesport & Greensburg Ry. Co., Uniontown Radial St. Ry. Co., West Penn Interurban Ry. Co., West Penn Rys. Co., West Penn Trac. Co. and White Elec. Trac. Co. Owns and operates, in name of West Penn Rys. Co., under lease, Kittanning & Leechburg Rys. Co., Oakdale & McDonald St. Ry. Co. and Pittsburgh & Allegheny Valley Trac. Co. Owns Allegheny Valley St. Ry. Co., Steubenville Ry. Co., The Brooke Elec. Co., (W. Va.), Steubenville, Wellsburg and Weirton Ry. Co., Wellsburg, W. Va., Hancock County Elec. Co., New Cumberland, W. Va., Wellsburg (W. Va.) Lt. Ht. & Pwr. Co. and West Penn Pwr. Co. Controls Wheeling (W. Va.) Trac. Co. (Controlled by West Penn Trac. & Wtr. Pwr. Co., which in turn is controlled by American Wtr. Wks. & Elec. Co.)

The following towns and villages are connected by West Penn Railways System.

McKEESPORT AND COKE REGION DIVISIONS.

Trafford, Cavittsville, Ardara, Larimer, Irwin; Irwin, Hahntown, Long Run, McKeesport; McKeesport, Duquesne; McKeesport, Versailles, Boston, Olympia Park, Mt. Vernon, Buena Vista, Scott Haven; Irwin, Manor, Penn, Jeannette, Oakford Park, Greensburg, Huff, Haydensville, Youngwood, New Stanton, Hunker, Ruffsdale, Tarrs, Scottdale; Greensburg, South W. Greensburg, Greensburg, South Greensburg, Youngwood, Armbrust, Hecla; Hecla, Calumet, Mammoth, United, Trauger, Pleasant Unity, Whitney, Hostetter, Baggaley, Youngstown, Kingston, Latrobe; Hecla, Standard, Mt. Pleasant; Mt. Pleasant, Morewood, Acme, Central Tarrs; Mt.

Pleasant, Bridgeport, Hammondville, Iron Bridge, No. Scottdale, Swedetown, Scottdale; Scottdale, Meadow Mills; Scottdale, Everson, Pennsville, Murphys Siding, Moyer, Coalbrook, Connellsville; Connellsville, So. Connellsville; Connellsville, Power House, Dunbar, Ferguson, Mt. Braddock, Shady Grove Park, Youngstown, Lemont, Uniontown; Connellsville, Leisenring No. 1; Leisenring No. 1, Nellie, Vanderbilt, Liberty, Dickerson Run, Dawson; Leisenring No. 1, Leisenring No. 3, Juniata, Elm Grove, Bitner, Vances Mills, Phillips, Oliver, Uniontown; Uniontown, Leith, Hopwood, Brownfield, Oliphant, Fairchance; Uniontown. Continental, Revere, Footdale, Brownsville Junction; Brownsville Junction, Lambert, McClellandtown, Leckrone, Masontown, Greys Landing, Mon Vue, Martin; Brownsville Junction, New Salem, Fairbanks, Filbert, Orient, Republic, Merrittstown, Allison, Thorntown, Brownsville.

PITTSBURGH AND ALLEGHENY VALLEY DIVISION.

Leechburg, Hyde Park Ferry, No. Vandergrift, Allison Park, Apollo.

KITTANNING & LEECHBURG DIVISION.

Cowanshannock, Kittanning, Garrets Run, Manorville, Ford City, Rosston, Lenape Park.

OAKDALE & McDONALD DIVISION.

Oakdale, Noblestown, Sturgeon, McDonald.

Pres. A. M. Lynn.....Pittsburg
Vice / Williston Fish..... "
Pres. Sec. Raymond B. Keating "
Treas. C. C. McBride..... "
Audr. M. W. Glover..... "

W. K. Dunbar.....New York, N. Y.
Gen. Mgr. of Opr.,
H. L. Mitchell.....Pittsburg
Claim Agt. T. B. Donnelly..... "
Pur. Agt. W. E. Higgins..... "
Ch. Engr. Roadway &
Structures, J. L. Fritsch..... "
Supt. Equip. Dan'l Durie, Connellsville
Gen Supt. Terr. "A",
Dan'l. Durie..... "
Gen. Supt. Terr. "B",
H. A. Dunn.....Pittsburg
Supt. Track & Roadway,
P. A. Meyer.....Connellsville
Supts. { W. M. Rogers "
Ovhd. Constr. { M. M., S. J. Witt "

Power sta. at Connellsville leased to West Penn. Power Co. trolley volt. 600 v. Repair shops at Connellsville, Greensburg, Latrobe, McKeesport, Garrets Run and Leechburg.

Owns Olympia and Oakford Parks; controls Lenape and Allison Parks and reaches Shady Grove Park.

Total track mileage operated, 204.76; 5-2½ g; and 10.33; 4-8½ g; owned or controlled, 286.33; 5-2½ g and 52.92; 4-8½ g; total cars operated, 107 closed mo. pass.; 60 open mo. pass.; 3 trailers; 3 exp. and fgt. mo.; 11 work and line mo.; 5 mo. sweepers and 26 misc. other cars; owned or controlled, 235 closed mo. pass., 78 open mo. pass., 23 trailers, 7 exp. and fgt. mo., 24 work and line mo., 9 mo. weepers and 57 misc. other cars. ★69

993—Westmoreland County Ry. Co.

—Office, 1237 Oliver Bldg., Pittsburgh. (Connects Latrobe and Derry).
Pres. John E. Potter
Potter Title & Trust Co., Pittsburgh
1st V. Pres. F. Wm. Rudel
Iron & Glass Dollar Bk. "
2d V. Pres. J. A. McComb
People's Nat'l Bk., Latrobe
Sec., Treas. & Gen. Mgr.,
Harry S. Calvert.....Pittsburg
Supt. & Pur. Agt. S. F. Schwerdt, Derry

Energy purchased from West Penn. Pwr. Co.
Car barns and repair shop at Derry Station.
7 miles; 5-2 g; 3 motor pass. cars. 69

994—Woodlawn & Southern St. Ry.

—Office, Third Ave. and Ross St. Pittsburgh. (Connects Woodlawn and Aliquippa.)
Pres. B. F. Jones, Jr.Pittsburgh
1st V. Pres. W. Larimer Jones. "
2d V. Pres. A. B. Shepherd... "
Sec. & Treas. W. C. Moreland. "
Asst. Sec., Asst. Treas. & Pur. Agt.
John L. Moore..... "
Supt. J. H. Gano.....Woodlawn
Ch. Engr. D. L. Mekeel....Pittsburgh
Energy purchased from Jones & Laughlin Steel Co.
Repair shops at Woodlawn.
4.645 miles; 5-2½ g; 5 motor pass. and 7 trail pass. cars ★59

995 — Philadelphia Co. — (Controls

Pittsburg Railways Co., Beaver Valley Trac. Co. and Pittsburgh & Beaver St. Ry.) (Owns Duquense Lt. Co. and controls several other lighting companies in and about Pittsburgh.) (The United Rys. Investment Co. owns over 62 p. c. of the outstanding common stock.)
Chrmn. Bd.,
James D. Callery, 435 6th Ave. Pittsburgh
Pres. A. W. Thompson " "
V. Pres. J. H. Reed. " "
Sec. W. B. Carson. " "
Asst. { A. W. Stevenson " "
Secs. { E. W. Washabaugh " "
Treas. C. J. Braun, Jr. " "
Asst. Treas.,
J. W. Murray.. " "
Compt.,
C. S. Mitchell.. " "
Gen. Mgr.,
Carroll Miller.. " "
Pur. Agt.,
J. H. Reed, Jr. " "
Gen Supt.,
W. L. McCoy.. " "
Land Agt.,
John Gates, Jr. " "
Gen. Contracting Agt.,
Sam'l B. Stewart " "
★59

996—West Penn Trac. & Wtr. Pwr. Co.

—Benedum-Trees Bldg., 221 4th Ave., Pittsburgh. (Controls West Penn Rys. Co. and in turn is controlled by American Wtr. Wks. & Electric Co.)
Pres. A. M. Lynn.....Pittsburgh
V. { Williston Fish..... "
Pres. Sec. Raymond B. Keating "
Treas. C. C. McBride..... "
Asst. Sec.s { Treas. C. C. McBride "
W. D. Dunbar,
New York, N. Y.
Audr. M. W. GloverPittsburgh
★69

POTTSTOWN. 16,794 (1916).
(See also No. 901.)

997—Pittstown & Phoenixville Ry. Co.

—Office, Harrison Bldg., Philadelphia. (Leases Pottstown Passenger Ry. Co., Pottstown & Reading St. Ry. Co. and Montgomery & Chester Elec. Ry. Co.) (Operates in Stowe, Pottstown, Sanatoga, Linfield, Spring City (Roversford) and Phoenixville.)
Pres. Geo. N. Malsberger...Pottstown
V. Pres. Charles E. Fincke,
Franklin Bank Bldg., Philadelphia
Sec., Treas. & Pur. Agt.
C. Taylor Leland..... "
Audr. Charles W. Rambo...Spring City

Supt. Harry F. Swinehart.....Pottstown
 Ch. Engr. Ralph Shaner..... " "
 Elecl. Engr. & M. M. " "
 Eugene Swinehart..... " "
 Power sta. equip. 1 d. c. Westg. 280 kw;
 495 hp. e. Ball; trans. & trolley volt.
 550 v.; energy also purchased from
 Phila. & Suburban Gas & Elec. Co. and
 Schuylkill Valley Ilg. Co.
 Power sta. at Pottstown; repair
 shops at Pottstown, Spring City and
 Phoenixville.
 Owns and operates Sanatoga Park.
 5 miles; 4-8½ g; 33 cars. (Co. sells
 energy.) 59

POTTSVILLE. 22,372 (1916).

998—Eastern Pennsylvania Rys. Co.
 —Office, Pottsville.—(Owns and oper-
 ates the Pottsville Union Trac. Co.;
 Pottsville & Reading Ry. Co., Schuyl-
 kill, Haven & Orwigsburg St. Ry. Co.,
 Schuylkill Elec. Ry. Co., Coal Castle
 Elec. Ry. Co., The Port Carbon &
 Middleport Elec. Ry. Co., Tamaqua &
 Pottsville Elec. R. R. Co., and Potts-
 ville & St. Clair Elec. Ry. Co.) (Con-
 nects Pottsville, Schuylkill Haven,
 Orwigsburg, St. Clair, Pt. Carbon,
 Palo Alto, Glen Carbon, Minersville,
 New Philadelphia, Middleport, Tama-
 qua, Coal Dale, Lansford, Summit
 Hill, Nesquehoning, Mauch Chunk
 and East Mauch Chunk.)
 Pres. J. H. Pardee,
 43 Exchange Pl., New York N. Y.
 V. Prests. { Joseph K. Choate " "
 { 43 Exchange Pl., " "
 { R. Walter Leigh " "
 { 52 William St. " "
 Sec. & Asst. Treas. T. W. Moffat,
 63 Exchange Pl., " "
 Treas. & Asst. Sec.
 R. B. Marchant " "
 Asst. Sec. & Asst. Treas.
 L. A. Reinhardt.....Pottsville
 Gen. Mgr. C. A. Hall..... " "
 Operating Mgrs.
 J. G. White Management Corpn.
 43 Exchange Pl., New York, N. Y.:
 Supt. of Rys.
 George R. Williams.....Pottsville
 Asst. Supt. of Rys. C. E. Fife.. " "
 Claim Agt. J. A. Mower..... " "
 Mgr. Elec. Dept. H. L. Freeman " "
 Ch. Engr. Pwr. Sta. L. M. Mather " "
 M. M., N. M. Lentz..... " "
 Power sta. equip. 2d c. Walker tot. 700
 kw. 500 v; 4 a. c. Allis-C. G. E. tot. 6200
 kw. 2300 v. 3 ph. 60 cys. 05450 hp. e. Weth,
 Frick, Allis C; 4135 hp. b. Bab. & W.
 Heine, Keeler; trans. volt. 23,000 & 2300
 v. trolley volt, 550 v.
 Power sta. at Palo Alto, Frackville and
 Ashland; repair shops at Palo Alto.
 Owns Manila Grove and Tumbling Run
 Parks.
 70 miles; 4-8½ g; 84 cars. (Controls all
 ltg. business in Pottsville and vicinity
 through the Eastern Pennsylvania Lt.
 Ht. & Pwr. Co.) ★59

PUNXSUTAWNEY. 10,511.

999—Jefferson Traction Co.—Office,
 218 N. Findley St. (Controls Mahoning
 Valley St. R. R. Co.) (Connects Punx-
 sutawney, Adrian, Anita, Florence,
 Eleanor, Wishaw, Reynoldsville,
 Rathmel, Soldier and Sykesville.)
 Pres. E. F. Kirzen.....Towanda
 V. Pres. D. H. Clark....Punxsutawney
 Sec. B. M. Clark..... " "
 Treas. Gen. Mgr. & Pur. Agt.
 Jas. B. Phelan..... " "
 Audr. J. K. Newall.....Towanda
 Gen. Supt.
 Westley E. Williams...Punxsutawney
 ec. Engr. & M. M. " "
 Harry Dinsmore..... " "

Ch. Engr. W. C. Mason.....Laporte
 Engr. Pwr. Sta.
 Chas. Lang.....Punxsutawney
 Roadmaster, C. H. Swann " "
 Engr. Overhead Constr.
 Chas. Sprankle..... " "
 Power sta. equip. 5 d. c. Ridge. tot.
 1200 kw; 1900 hp. e. Ridg; 1350 hp. b.
 Meadville; trolley volt. 550 v.
 Power sta. at Florence School House,
 Rathmel Jct.; respir shops at Railroad
 St., Punxsutawney, Jackson St., Reynolds-
 ville.
 Reaches Jefferson, Highland and Alahoe
 Parks.
 36 miles; 4-8½ g; 11 motor pass.
 and 2 exp. & fgt. mo. cars. ★59

READING. 109,381 (1916).

(See also No. 891.)

1001—Mt. Penn. Gravity R. E. Co.
 —Office, Reading. (Connects Min-
 eral Springs Park, The Tower, and op-
 erates on Mt. Penn.)
 Pres. & Gen. Mgr. James Rick, Reading
 V. Pres. E. C. Nolan..... " "
 Sec. & Treas. Frank S. Livingood " "
 Supt. Jacob F. Seidel..... " "
 Reaches and owns "The Tower."
 8 miles (approx.); 4-8½ g. Overhead
 trolley and gravity. (Operates in sum-
 mer only.) ★59

1002—Neversink Mtn. Ry. Co.—Office,
 12 So. 5th St., Reading. (Extends
 from 9th & Penn Sts., south on 9th St.,
 and winds around Neversink Mountain.
 (Controlled through stock ownership
 by Reading Transit & Lt. Co.)
 Pres. E. L. West.....New York, N. Y.
 Treas.
 V. Prests. { Thomas Cheyne. Reading
 { Joseph B. Taylor.... " "
 { William Roberts.... " "
 Sec. C. N. Wilson..... " "
 Asst. Sec. & Asst. Treas.
 J. H. Bucher..... " "
 Audt. E. R. King..... " "
 Gen. Mgr. J. S. Avery..... " "
 Div. Supt. J. P. Costello..... " "
 Claim Agt. R. D. Jones..... " "
 Pur. Agt. E. W. Watson..... " "
 M. M. H. E. Aldrich..... " "
 Engr. M. of W. E. H. Werner... " "
 Engr. Ovhd. Constr. J. E. Eyler.
 Energy purchased from Metropolitan
 Edison Co.
 Repair shops at 9th & Bingaman Sts.
 5.72 miles; 4-8½ g; 7 motor pass. cars.
 (Operated during summer months only.)
 ★59

1003—Oley Valley Ry. Co.—Office, 12
 So. 5th St., Reading. (Connects Read-
 ing, Friedensburg and Boyertown.)
 (Controlled through stock ownership
 by Reading Transit & Lt. Co.)
 Pres. E. L. West.....New York, N. Y.
 Treas.
 V. Prests. { Thomas Cheyne " "
 { Joseph B. Taylor " "
 { 50 Pine St. " "
 { William Roberts " "
 Sec. C. N. Wilson..... " "
 Asst. Sec. & Asst. Treas.
 J. H. Bucher.....Reading
 Audr. E. R. King..... " "
 Gen. Mgr. J. S. Avery..... " "
 Supt. & Gen. Fgt. Agt.
 J. P. Costello..... " "
 Claim Agt. R. D. Jones..... " "
 Pur. Agt. E. W. Watson..... " "
 M. M. H. E. Aldrich..... " "
 Engr. M. of W. E. H. Werner... " "
 Engr. Ovhd. Constr. J. E. Eyler.
 Energy purchased from Metropolitan
 Edison Co.
 Repair shops at 10th & Exeter Sts.,
 Reading. Digitized by Google
 Reaches and owns Friedensburg Park.
 19.80 miles; 5-2½ g; 5 motor pass.
 and 2 fgt. mo. cars. ★59

1004—Reading Transit & Lt. Co.—
 Office, 12 South 5th St. Reading. (Successor to the Reading Transit Co.; leases from the Interstate Railways Co. the Lebanon Valley St. Ry. Co., and Schuylkill Valley Trac. Co., which in turn own or lease numerous underlying companies, Owns Oley Valley Ry. Co., Neversink Mtn. Ry. Co. and Metropolitan Edison Co. In Sept., 1917, the United Traction Co. (formerly operated under lease) which leased the Reading Trac. Co., The Reading City Pass. Ry. Co., East Reading Elec. Ry. Co., The Reading & Womelsdorf Elec. Ry. Co., Birdsboro St. Ry. Co., The Reading & Temple Elec. Ry. Co., The Reading & Southwestern St. Ry. Co., Boyertown & Pottstown Ry. Co., Front & 5th St. Ry. Co. and Adamstown & Mohrsville Elec. Ry. Co., was merged.) (Operates in counties of Lebanon, Berks, Lancaster, Montgomery and Philadelphia, all located in southeastern Pennsylvania. Controls entire electric lighting and power business of Reading and Lebanon and has an electric urban and interurban railway in Reading, Birdsboro, Pottstown, Norristown, Conshohocken, Lebanon and other towns; direct connection is made with Philadelphia (Chestnut Hill), Allentown, Lancaster and Harrisburg.) (Under management of W. S. Barstow Management Assn., Inc., and controlled by The Eastern Pwr. & Lt. Corpn.)
 Pres. E. L. West..... New York, N. Y.
 Joseph B. Taylor
 50 Pine St. New York, N. Y.
 V. Prests. William Roberts
 Treas. Thos. Cheyne
 Sec. C. N. Wilson.....
 Audr. E. R. King..... Reading
 Asst. Sec. & Asst. Treas.
 J. H. Bucher.....
 Gen. Mgr. J. S. Avery.....
 Supts. {G. W. Magill..... Norristown
 {W. J. Hardaker..... Lebanon
 Gen. Fgt. Agt. J. A. Costello.. Reading
 Claim Agt. R. D. Jones.....
 Pur. Agt. E. Watson.....
 M. Ms. {H. E. Aldrich.....
 {J. W. Gordon..... Norristown
 Engr. M. of W. E. H. Werner...
 Engr. Ovhd. Constr. J. E. Eyler...
 Energy purchased of Metropolitan Edison Co.
 Repair shops at Reading, Norristown and Lebanon.
 Reaches and owns Carsonia Park.
 Total mileage and equip' 203 miles; 5-2½ g; 264 motor pass., 12 exp. and fgt. mo. and 48 other cars. ★59

SCRANTON. 146,811 (1916).

1006—Lackawanna & Wyoming Valley R. R. Co. (Laurel Line).—
 Office, Terminal Sta., Scranton, Pa. (Formed by merger of the old Lackawanna & Wyoming Valley R. R. Co. and Scranton & Northeastern R. R., Central Valley R. R. and Wilkes-Barre R. R. Co.) (Extends from Borough of Dunmore to Wilkes-Barre via Scranton and Pittston) (Controlled by Scranton & Wilkes-Barre Trac. Corpn.)
 Chmn. Exec. Com., Frank R. Ford,
 115 Broadway, New York, N. Y.
 Pres. Wm. C. Sproul..... Chester
 V. Pres. Gen. Mgr. & Pur. Agt.
 P. J. Murphy..... Scranton
 Sec. S. C. Stivers,
 115 Broadway, New York, N. Y.
 Treas. F. W. Potts.....
 Audr. W. E. Pearson..... Scranton
 Supt. Transpt. J. H. Murray...
 Claim Agt. J. J. Hennigan...
 Gen. Fgt. & Pass. Agt. W. L. Cairns
 Ch. Engr. Pwr. Sta. Geo. W. Esslinger

M. M., M. F. Flatley..... Scranton
 Roadmaster, R. P. Kearney...
 Power sta. equip. 2 a.c. West. tot. 2500 kw. 3 ph. 25 cys; 2 a.c. turbo-gen. West. G. E. tot. 5500 kw. 3 ph. 25 cys; 2800 hp. b. Bab. & W.; trans. volt. 22,000 v; trolley volt. 650 v.
 Power station and repair shops at Scranton.
 Controls Valley View Park. Reaches Rocky Glen and Luna Park.
 50 miles; 4-8½ g; 30 pass., 63 fgt., without motor, and 5 fgt. motor cars; 2 elec. locos. 118

1007—Scranton & Binghamton R. R. Co.—227 Wyoming Ave., Scranton. (Controls Scranton & Binghamton Trac. Co., The Northern Electric St. Ry. Co. and Binghamton Ry. Co.) (Extends from City Line, Scranton, to Clarks Summit, Glenburn, Waverly, Dalton, Brookside, La Plume, Factoryville, Nicholson, Foster, Brooklyn, Montrose and Lake Winola. Cars operate from City Line to Scranton over Scranton & Binghamton Trac. Co.'s tracks.)
 Receivers. {R. W. Day..... Scranton
 {C. R. Bedford.....
 Pres. A. J. Connell.....
 V. Pres. F. W. Wollerton.....
 Sec. & Treas. F. W. Ogden.....
 Audr. Jas. J. Moffat.....
 Gen. Mgr. R. W. Day.....
 Gen. Supt., Pur. Agt. & Elec.
 Engr. R. L. Koehler.....
 Supt. Transp. J. C. Meixel.....
 Cl. Agt. F. M. Francis.....
 Ch. Engr. T. C. Dougherty...
 Ch. Engr. Pwr. Sta. Wm. Watkins, Dalton
 M. M., John McKeand.....
 Roadmaster, H. Wittfoot.....
 Power sta. equip. 4 a.c. West. tot. 4050 kw. 370 v. 3 ph. 25 cys; 1000 hp. e. (stm.) Ham. Cor; 2000 hp. b. Frank-Heine; 3250 kw. (stm.) turb. West; trans. volt. 66,000 16500 v; trolley volt. 625 v.
 Power sta. at Brookside, near Dalton; repair shop at Brookside.
 Reaches Northern Electric Park and Lake Winola (owned).
 50 miles; 4-8½ g; 30 motor and 5 other cars. (Extension, from Montrose to Binghamton, N. Y., under construction.) (Furnishes energy for lighting.) 59

1008—The Scranton & Binghamton Trac. Co., Lessee The Northern Electric St. Ry. Co.—Office, 227 Wyoming Ave., Scranton. (On March 1, 1914, by agreement between the Scranton & Binghamton Trac. Co. and Scranton & Binghamton R. R. Co., the latter took over all property except from the City Line to Providence Square and from Providence Square to 227 Wyoming Ave. Tracks between the last named points are owned by Scranton Ry. Co., but by agreement the Scranton & Binghamton Trac. Co. have right to use same.) (Controlled by Scranton & Binghamton R. R. Co.)
 Pres. A. J. Connell..... Scranton
 V. Pres., Gen. Supt., Pur. Agt. & Elec. Engr. R. L. Koehler...
 Sec. & Treas. F. W. Wollerton...
 Audr. James J. Moffat.....
 Gen. Mgr. Rich. W. Day.....
 Claim Agt. F. M. Francis.....
 Supt. Transp. J. C. Meixell...
 Ch. Engr. T. C. Dougherty...
 4.5 miles; 4-8½ g; no cars or equipment owned. 59

1009—Scranton Ry. Co.—Offices, 234 Lackawanna Ave., Scranton, and Witherspoon, Bldg., Phila. (Owns all lines in Scranton and operates under lease the Scranton, Dunmore & Moosic Lake R.R.) (The Scranton & Carbondale Trac. Co., Carbondale Ry. Co. and Lackawanna Valley Trac. Co. have

been consolidated.) (Controlled by the American Railways Co., Philadelphia, Pa.)
Pres. Van Horn Ely, Philadelphia
V. Prests. (Henry J. Crowley " " " " " "
 (C. L. S. Tingley " " " " " "
Sec. & Treas. Walter W. Perkins " "
Compt. Asst. Sec. & Treas.
Frank J. Pryor, Jr. " "
Gen. Mgr. W. E. Boileau, Scranton
Supt. Transp. P. T. Reilly, " "
Claim Agt. S. Dyer, " "
Pur. Agt. G. C. Weirick, Philadelphia
Ch. Engr. Pwr. Sta. E. A. Wildt, Scranton
M. M. Jno. Duffy, " "
Roadmaster, Jos. J. Beaudreau, " "
Engr. M. of W. H. N. Dartt, " "
Engr. Ovhd. Constr. A. J. Conlon, " "
 Energy purchased from Scranton Elec. Co., trolley volt. 550 v.
 Repair shop at Scranton.
 102.377 miles; 4-8½ g; 175 motor and 28 other cars. ★59

1010—Keystone Utilities Co.—(Incorporated in Nov., 1916, and has taken over the following companies operated by United Service Co.: Hanover & McSherrystown St. Ry. Co., Hanover Lt., Ht. & Pwr. Co., Gettysburg Electric Co., Du Bois Elec. Co., and Du Bois Traction Co., Du Bois, and Susquehanna County Lt. & Pwr. Co.)
Pres. F. J. Platt, Scranton
V. Pres. E. J. Lynett, " "
Sec. G. T. Davis, " "
Treas. John Marsman
 501 5th Ave., New York, N. Y. 59

1011—Scranton & Binghamton Ry. Co.—516 Traders National Bank Building. (Controls through ownership of entire capital stock Scranton & Binghamton R. R. Co. which controls The Scranton & Binghamton Trac. Co. and Binghamton (N. Y.) Ry. Co.)
Pres. R. W. Day, Scranton
V. Pres. & Chmn. B. D.
Mortimer B. Fuller, " "
Sec. M. W. O'Boyle, Pittston
Treas. E. J. Lynett, Scranton
Asst. Sec. & Asst. Treas.
F. W. Ogden, " " 59

1012—Scranton & Wilkes-Barre Trac. Corp.—Offices, Richmond, Va. (Successor to Lackawanna & Wyoming Valley Rapid Transit Co., sold at foreclosure.) (Controls Lackawanna & Wyoming Valley R. R. Co.)
Chmn. Exec. Comm., Frank R. Ford, 115 Broadway, New York, N. Y.
Pres. Wm. C. Sproul, Chester
V. Pres.
Walter H. Lippincott, Philadelphia
Sec. S. C. Stivers, 115 Broadway, New York, N. Y.
Treas. F. W. Potts, " " 118

1013—United Service Co.—Office, 700-716 Scranton Life Bldg., Scranton. (Controls, through stock ownership, the following companies: The Ohio Service Co. (Coshocton, New Philadelphia, Cambridge and Dennison, O.); East Penna. Gas & Elec. Co., Bristol, Pa.; Jefferson Elec. Co., Punxsutawney and Reynoldsville, Pa.; Warren (Pa.) Lt. & Pwr. Co. and Wabash (Ind.) Wtr. & Lt. Co.; also operates Hanover (Pa.) Lt. Ht. & Pwr. Co.; Hanover & McSherrystown St. Ry. Co. (Hanover, Pa.); Triborough Wtr. Co., Tarentum, Pa.; Gettysburg (Pa.) Elec. Co., Susquehanna County (Pa.) Lt. & Pwr. Co., Du Bois (Pa.) Elec. & Trac. Co. (which owns Du Bois Trac. Co. and Du Bois Elec. Co.), Latrobe (Pa.) Wtr. Co. and Consumers Wtr. Co., Montrose, Pa.)

Pres. Thos. R. Brooks, Scranton
V. Pres. C. S. Woolworth, " "
Sec. Treas. & Gen. Mgr.
L. H. Conklin, " "
Audr. F. Heinbokel, " "
Ch. Engr. G. L. Bascome, " " ★79

SHAMOKIN. 21,129 (1916).
 (See also No. 962.)

1014—Shamokin & Edgewood Elec. Ry. Co.—Office, Dime Bank Bldg. (Connects Shamokin & Weigh Scales)
Pres. & Gen. Mgr.
Sara W. Kulp, Shamokin
V. Pres. Wm. C. McConnell, " "
Sec., Treas. & Pur. Agt.
Jesse B. Kremer, " "
Audr. C. G. Graeber, " "
Supt. Frank Lugar, " "
 Energy purchased from Pennsylvania Ltg. Co.
 Repair shop at Shamokin.
 Controls Edgewood Park.
 15 miles: 4-8½ g; 22 cars. 118

SHARON. 18,616 (1916).
 (See No. 855.)

SHENANDOAH. 29,201 (1916).
 (See No. 928.)

SLIPPERY ROCK. 870.
 (See No. 929.)

SOMERSET. 2,612.

1015—Johnstown & Somerset Ry.—Office, 12 No. Main Cross St., (P. O. Box 293), Somerset. (Connects Johnstown, Davidsville, Holsopple, Jerome, Boswell, Jenners, Acosta, Coal Junction, Harrison, Somerset, etc.)
Pres. John A. Berkey, Somerset
Sec. A. Kent Miller, " "
Treas. John G. Emert, " "
Supt. & Ch. Eng. U. S. Houck, " "
Elec. Engr. W. H. Shaver, Stoyestown
 Energy purchased from Penn Elec. Service Co; trans. volt. 13,000 v; trolley volt. 1200 v.
 Sub-stas. at Holsopple and Somerset.
 12 miles operated; 4-8½ g; 1 mo. car. (26 miles under construction.) 59

SOUTH BETHLEHEM. 29,201 (1916).

1016—So. Bethlehem & Saucon St. Ry. Co.—Office, 26 Mechanic St. (Connects So. Bethlehem (University Heights), Seidersville, Colesville, Freidensville, Centre Valley and Philadelphia via Lehigh Valley Transit System.)
Pres. Chas. P. Hoffman, South Bethlehem
Sec. W. H. Lauer, " "
Treas. W. E. Wieand, Emaus
Gen. Mgr., Claim, & Pur. Agt.
Hugh E. Crilly, Allentown
Audr. M. M. Cannon, " "
M. M., J. M. Cannon, University Heights, South Bethlehem
 Energy purchased from Allentown Elec. Lt. & Pwr. Co.; trolley volt. 575-600 v.
 Repair shop at University Heights, So. Bethlehem.
 Reaches park at University Heights (leased.)
 7 miles; 4-8½ g; 8 motor pass. and 2 other cars. 118

STEELTON. 15,548 (1916).
 (See No. 931.)

STROUDSBURG. 4,379.

1017—Stroudsburg Traction Co.—Office, 18 North 7th St. (Leases and operates the Stroudsburg Pass. Ry. Co.)

and the Stroudsburg, Water Gap & Portland Ry. Co. Connects Stroudsburg, E. Stroudsburg, Water Gap and Portland. Physical connection between the roads at Main and 7th Sts., Stroudsburg. Complete track connection with the exception of one grade crossing, from the D. L. & W. R. R. passenger sta. in East Stroudsburg, to 69th & Market Sts., Phila.)

Pres. & Gen. Mgr. & Supt.
A. A. Holbrook..... Stroudsburg
Treas. H. E. Sweeney..... "
M. M., Frank Adams..... "
Energy purchased from Stroudsburg Elec. Lt. & Pwr. Co.; trolley volt, 550 v. Repair shop at Stroudsburg. Reaches one park owned.
12.5 miles; 4-8½ g; 12 pass. motor cars, 1 other motor and 1 other car. 118

SUNBURY. 16,260 (1916).

1019—Sunbury & Susquehannas Ry.— Office, Market Sq., Sunbury. (A consolidation of Lewisburg & Milton Ry. Co. and Sunbury & Selinsgrove Elec. St. Ry. Co.)

Receivers { Fred'k S. Byrod... Sunbury
Gen. Mgr. C. H. Grant, North'd
Pres. Wm. H. Greenough.....
Sec. W. H. Bloom..... Williamsport
Treas. Boyd A. Musser..... Scranton
Audr. G. A. Rhoads... Shamokin Dam
Engr. Ovhd. Cons. Dan Daily... Sunbury
Power sta. equip. 2 d. c. (belt driven)
West. tot. 500 kw.; 205 hp. e. Putnam;
240 hp. b. Putnam; trans. volt. 575 v;
trolley volt. 575 v.

Power sta. and repair shop at Rolling Green.
Owns Rolling Green Park.
9.2 miles; 4-8½ g; 19 motor pass., 1 trail pass. and 19 other cars. ★59

TAMAQUA. 10,840 (1916).

(See No. 998.)

TARENTUM. 7,414.

(See also No. 965a.)

1021—Tarentum, Brackenridge & Butler St. Ry. Co.— Office, Corbet St., Tarentum. (Connects Tarentum, Brackenridge, Natrona Heights and Birdville.)

Pres. McKinstry Griffith... Tarentum
V. Pres. & Gen. Mgr.
John McGinley..... "
Sec. & Treas. J. M. Griffith... "
Gen. Supt., Claim, Fgt., Pass. & Pur. Agt. & Ch. Engr. R. H. Boyd "
Energy purchased from Penna. Salt Mfg. Co.; trolley volt. 550 v. Repair shop at Brackenridge.
5.5 miles; 5-2½ g; 5 motor cars. 59

TITUSVILLE. 8,713.

1022—Titusville & Cambridge E. R. Co. (Successor to the Erie & Central Pennsylvania Ry. Co.) (Will connect Titusville, Hydetown, Tyronville, Little Cooley and Cambridge Springs.)

Pres. Wm. H. Bonyge,
170 Broadway, New York, N. Y.
Sec. Axtell J. Byles... "
Treas. Terence J. McManus "
36 miles. (Under construction.) 59

1023—Titusville Traction Co.— Office, 150 E. Diamond St., Titusville. (Connects Pleasantville, Fieldmore Springs, Titusville, Hydetown and Tyronville.)

Pres. Frederick W. Garven,
46 Cedar St., New York, N. Y.
V. Pres. Geo. H. Dunham... Warren
Sec. & Treas. Harry L. Moore
Marine Bk. Bldg., Erie
Audr. Charles L. Beck,
1 Madison Ave., New York, N. Y.

Gen. Mgr. & Pur. Agt.

Wm. J. Smith..... Titusville
M. M., C. W. Hawbaker..... "
Roadmaster, J. A. Lanunskie... "
Energy purchased from Titusville Lt. & Pwr. Co.
Repair shops at Fieldmore Springs.
Owns Mystic Park and leases Fieldmore Park.
16.71 miles; 4-8½ g; 10 motor and 8 other cars. 47

TOWER CITY. 2,325.

(See No. 1040.)

TYRONE. 7,176.

(See No. 895.)

UNIONTOWN. 20,780 (1916).

(See also No. 991.)

1024—Fairchance & Smithfield Trac. Co.— Office, Uniontown.

Pres. Albert Gaddis..... Uniontown
V. Pres. W. W. Parshall... "
Sec., Treas. & Gen. Mgr.
L. H. Frasher..... "
Supt. Owen M. Jones... Fairchance
Energy purchased from West Penn Pwr. Co.
2.75 miles; 5-2½ g; 3 cars. 59

UPPER DARBY. 500.

1025—Ardmore & Llanerch St. Ry. Co.— Office, Upper Darby. (Connects Llanerch and Ardmore.) (Leased to Philadelphia & West Chester Trac. Co.)

Pres. A. Merritt Taylor,
610 Commercial Trust Bldg.,
Philadelphia
V. Pres. H. Hayes Aikens,
610 Commercial Trust Bldg., "
Sec. & Treas. C. L. Rihl... Upper Darby
Audr. E. F. Meyers..... "
6.38 miles. 118

1026—Philadelphia & Garrettford St. Ry. Co.— Office, Upper Darby, Del.

(Extends from 69th St., Philadelphia, through Upper Darby, Media, Drexel Hill, Garrettford, Clifton, Aldan to Parker Ave., Collingdale to Sharon Hill.) (Leased to Philadelphia & West Chester Trac. Co.)
Pres. Robt. L. Morgan... Philadelphia
Sec. & Treas. E. F. Meyers, Upper Darby
Power sta. and repair shops at Llanerch.
17.77 miles; 5-2½ g; 10 cars. 118

1027—Philadelphia & West Chester Traction Co.— Offices, Upper Darby.

(Controls through stock ownership Philadelphia & West Chester Turnpike Road Co. and Philadelphia, Castle Rock & West Chester Ry. Co.; leases Ardmore & Llanerch St. Ry. Co. and Phila. & Garrettford St. Ry. Co.) (Extends from 63rd & Market Sts., Phila., to West Chester.)

Pres. A. Merritt Taylor
610 Commercial Trust Bldg.,
Philadelphia
V. Pres. H. Hayes Aikens
610 Commercial Trust Bldg., "
Sec. & Treas. C. L. Rihl... Upper Darby
Audr. E. F. Meyers..... "
Supt. of Transp. J. T. Brosius "
Supt. Pwr. & Equip.
James E. Pyle..... "
Special Agt. V. A. Hengst... "
Gen. Fgt. Agt. Harry Gable "
Ch. Engr. Pwr. Sta.

Lavelle Bentley..... Llanerch
M. M., E. J. Patterson..... "
Roadmaster, A. E. Garwood... "
LLANERCH STA. EQUIP.— 2 d. c. Westg. tot 800 kw, 600 v; 2 a. c. turbo-gen. Curtis, G.E. tot. 3500 kw. 445 v. (60 cys; 2 rot. conv. tot. 2250 kw; 1000 kw. transf. 445-13,000 v; 1850 hp. b. Edge.

RIDLEY CREEK STA. EQUIP.—500, kw. mo. gen. set; 2 d. c. turbo-gen. Curtis, G. E. tot. 1000 kw. 600 v.
DREXEL HILL SUB-STA. EQUIP—2 rot. conv. G. E. tot. 1000 kw; trans. volt, 13,000 v; trolley volt. 600 v.
 Power stas. Llanerch and Ridley Creek, and sub-sta. at Drexel Hill; repair shop at Llanerch.
 50.25 miles (24.15 miles leased); 5-2½ g; 37 motor cars, 3 snow plows and 3 sweepers. 118

1028—Philadelphia & Western Ry. Co.—Office, 69th St. Terminal, Upper Darby. (Connects Philadelphia, Haverford, Bryn Mawr, Villa Nova, Wayne, St. Davids, Strafford, Gulph Mills, Bridgeport and Norristown.) (Owns one-half interest in the Norristown Transit Co.)
 Pres. Thos. Newhall
 1411 Chestnut St., Philadelphia
 V. Pres. & Gen. Mgr.
 J. L. Adams. Upper Darby
 Sec. & Treas. Gerald Holzman
 1411 Chestnut St., Philadelphia
 Audr. & Pur. Agt.
 C. S. Mountz. Upper Darby
 Signal Engr. Wm. Gable.
 Ch. Engr. Pwr. Sta.
 H. Y. Watson.
 M. M. Rowland Hubbard.
 Roadmaster James Curran
 Power sta. equip. 2 a. c. G. E. tot. 4000 kw. 2300 v. 3 ph. 25 cys; 2500 hp. b. Heine; 4000 kw. stm. turb. G. E.; trans. volt. 19,100 v; trolley volt. 625 v.
 3 sub-stas. tot. cap. 3500 kw; 7 rot. conv.
 Power sta. at Beechwood Park (No. P O.) 3 miles west of Philadelphia; repair shops at Upper Darby.
 34 miles (3d rail); 4-8½ g; 25 motor and 4 other cars; 1 snow plow. 69

WANAMIE. 1,700.

1028a—People's St. Ry. Co. of Nanticoke & Newport. Office, Power House, Wanamie. (Connects Nanticoke, Sheatown, Alden, Wanamie, and Glenlyon.)
 Pres. K. M. Smith. Alden Sta.
 V. Pres. W. A. Wilkinson
 59 No. Second St., Philadelphia
 Sec. L. E. Hess,
 1152 Market St., Berwick
 Treas. Wm. Willis. Nanticoke
 Supt. & Elec. Engr.
 Irving Runkel. Wanamie
 Claim Agt. R. B. Sheridan. Nanticoke
 Engrs. (Samuel G. Morgan.
 Pwr. Sta. (Joseph Shukweitis.
 Roadmaster, Charles Vandermark
 Engr. Ovhd. Constr.
 W. R. Bruch. Alden Sta.
 Power sta. equip. 2 d. c. Allis C. West. tot. 850 kw; 1050 hp. e. B. & W. Allis C; 560 hp. b. Stir, Bab. & W. Harrisburg; trolley volt. 500-550 v. d. c.
 Power sta. and repair shop at Wanamie.
 Reaches and controls Kirmar Park at Wanamie.
 8.5 miles; 4-8½ g; 10 motor pass. and 3 other cars; 1 snow plow. ★59

WARREN. 14,737 (1916).
 (See also No. 657a.)

1029—Warren St. Ry. Co.—Office, 101 Liberty St., Warren. (Connects Warren, Stoneham, Clarendon, Tiona and Sheffield.)
 Pres. D. H. Siggins. Warren
 Sec., Treas. & Gen. Mgr.
 H. A. Siggins.
 Supt. G. A. Probst.
 Gen. Fgt. Agt. Wm. Kribiel
 Ch. Engr. W. W. Crocheron
 Ch. Engr. Pwr. Sta. Ray Porter.
 Roadmaster, Gus Roose. Glade

Power sta. equip. 4 a. c. Westg. tot. 1100 kw. 380 v. 3 ph. 25 cys; 1750 hp. e (gas) Westg; trans. volt. 22,000 v; trolley volt. 550 v.
 Power sta. at Stoneham; repair shops at Warren.
 20.25 miles; 4-8½ g; 18 motor pass.; fgt. mo. and 2 other cars; 1 snow plow (Company furnishes energy for lighting at Sheffield and Clarendon.) ★3

1030—Warren & Jamestown St. Ry. Co.—Office, 101 Liberty St., Warren. (Connects Warren, Pa., and Jamestown, N. Y.)
 Pres. & Gen. Mgr. D. H. Siggins. Warren
 V. Pres. Homer M. Preston, Tulsa, Okla.
 Sec. & Treas. Sam. Q. Smith. Warren
 Ch. Engr. Pwr. Sta. R. Porter.
 Power sta. equip. 4 a. c. Westg. tot. 250 kw. 380 v. s. ph. 25 cys; 2500 hp. e (gas) Westg; trans. volt. 22,000 v; trolley volt, 22,000 v. a. c. 650 v. d. c.
 2 sub-stas. tot. cap. 380-600 kw; 3 rot. conv.
 Power sta. at Stoneham, Pa.; repair shops at Warren.
 21.93 miles; 4-8½ g; 7 motor cars and 1 other car. 87

WASHINGTON. 21,618 (1916).
 (See No. 990.)

WAYNESBORO. 7,199.

1031—Chambersburg, Greencastle & Waynesboro St. Ry. Co.—Office, Bank of Waynesboro Bldg., Waynesboro. (Connects Chambersburg, Penmar, Blue Ridge, Marion, Greencastle, Zullinger, Waynesboro, Shady Grove, Rouserville and Highfield, Md.) (Controls Waynesboro Elec. Co and Blue Ridge Ry. Co. and is in turn controlled by the Hagerstown & Frederick Ry. Co.)
 Pres. Emery L. Coblentz, Frederick, Md.
 V. Pres. W. L. Minick. Waynesboro
 Sec. D. Norris Benedict.
 Treas. Jay F. Shank.
 Audr. R. E. Town. Frederick, Md
 Gen. Mgr. M. A. Pooler, Hagerstown, Md
 Mgr. & Pur. Agt. R. D. Sefton Waynesboro
 Elec. Engr. C. C. Stauffer.
 M. M. Curnal Fox.
 Power sta. equip. 3 d. c. C. W. Westg. tot. 700 kw; 4 a. c. Westg. Bull. C.-W. Allis C. tot. 1000 kw. 2000 v. 3 ph. 60 cys 1000 hp. e. Russell; 1000 hp. b. Keeler. 650 kw. (stm.) turb. De Laval Allis-C; trans. volt. 22,000 v; trolley volt. 550 v.
 Energy also purchased from Hagerstown & Frederick Ry. Co., from whom all energy will eventually be purchased.
 Power sta. and repair shops at Waynesboro.
 Reaches Pen Mar and Cold Spring Parks.
 32 miles; 5-2 g; 15 motor pass., 2 other motor, and 3 other cars. 59

WEST CHESTER. 13,176 (1916).
 (See also No. 912a.)

1032—West Chester St. Ry. Co.—Office, 350 Bullitt Bldg., Phila., Pa. (Controls Coatesville Trac. Co.) (Extends from Kennett Square, where connections are made with lines for Avondale, West Grove, Brandywine Springs and Wilmington, Del., through West Chester to Downington and Coatesville and there connects with Conestoga Traction lines; connects at West Chester with lines to Philadelphia.)
 Pres. Geo. D. Woodside. Philadelphia
 V. Pres. Meyer Shamberg.
 Sec., Gen. Mgr., Clm. & Pur. Agt.,
 Jonas Rice.
 Treas. M. G. Woodside.

ten. Supt. E. W. Goss. West Chester
 Energy purchased from Chester Valley
 Elec. Co.; trolley volt. 575 v.
 Repair shop at West Chester.
 Controls amusement park, "Lenape."
 28 miles; 5-2½ g; 14 motor pass., 3
 rail pass. and 3 other cars. ★59

WILKES-BARRE. 76,776 (1916).
 (See also No. 933.)

633—Plymouth & Larksville Ry. Co.
 —Subsidiary of Wilkes-Barre Railway
 Co.
 Pres. Abram Nesbitt. Wilkes-Barre
 Supt. T. A. Wright. " "
 3.5 miles; 4-8½ g; 3 motor cars. 59

1034—Wilkes-Barre Railway Co.—
 Exec. Office, Miners Bank Bldg. Leases
 and operates Wilkes-Barre & Wyoming
 Valley Trac. Co. (including Wilkes-
 Barre, Dallas & Harvey's Lake Ry.
 Co. with all its subsidiary companies).
 Pres. Abram Nesbitt. Wilkes-Barre
 V. Pres., Gen. Mgr. & Pur. Agt.
 Thos. A. Wright. " "
 Sec. & Treas. C. W. Laycock " "
 Asst. Sec. & Asst. Treas.
 Wm. S. Ben. " "
 Supt. Transp. & Ch. Engr.
 E. A. Hoffman " "

8 W. Market St., " "
 Claim Agt. E. L. Lindemuth " "
 Elec. Engr. J. K. Mann " "
 Ch. Engr. Pwr. Sta. & M. M. " "
 Wm. H. Wheaton. " "
 Asst. M. M. E. F. Reese. " "
 Roadmaster, John Bierman. " "
 Power sta. equip. 8 d. c. G. E. tot. 4200
 kw; 4 a. c. G. E. West. tot. 6,000 kw. 6600
 v. 3 ph. 25 cys; 7000 hp. e. Harris, Prov;
 5000 hp. b. Bab. & W. Heine; 1500 kw.
 stm. turb. G. E.; trans. 6600 v; trolley
 volt. 575 v.

Power sta. at Wood St.; repair shops
 at Northampton St.
 Controls Fernbrook and Sans Souc6
 Parks.
 113 miles; 4-8½ g; 175 motor cars. ★59

**1035—Wilkes-Barre & Wyoming Val-
 ley Trac. Co.**—Office, Wilkes-Barre.
 Leased (with its subsidiaries) to Wilkes-
 Barre Railway Co. Controlled by the
 Interstate Rys. Co. through the
 United Pwr. & Transp. Co.
 Pres. J. A. Rigg. Philadelphia
 Sec. & Treas. T. W. Grootett, Jr.
 Power sta. at Luzerne, Pa. 59

WILLIAMSPORT. 33,809 (1916).

1036—East End Passenger Ry. Co.—
 Office, Cor. Willow & West Sts.
 (Owned by Lycoming Improvement
 Co., Williamsport.) For officers see
 Vallamont Traction Co.
 Energy purchased from Lycoming
 Edison Co.
 2.5 miles; 4-8½ g; 2 cars. 59

1037—South Side Passenger Ry. Co.
 —Office, West & Willow Sts. (Owned
 by Lycoming Improvement Co.,
 Williamsport.) (Connects S. Williams-
 port & Williamsport.) For officers see
 Vallamont Trac. Co.
 Energy purchased from Lycoming Edi-
 son Co.
 1.8 miles; 4-8½ g; cars rented. 59

1038—Vallamont Traction Co.—Of-
 fice, West & Willow Sts. (Owned by
 Lycoming Improvement Co., Williams-
 port.)
 Pres. & Mgr. E. H. Davis. Williamsport
 Sec. & Treas. J. W. Cochran, Jr. " "
 Ch. Elec. & Engr. G. E. Wendle " "
 Supervisor Track H. M. Colton " "

Energy purchased from Lycoming
 Edison Co.
 Controls Vallamont Park.
 3.6 miles; 4-8½ g; 7 cars. 59

1039—Williamsport Passenger Ry.
 Co.—Office, West & Willow Sts.
 (Owned by Lycoming Improvement
 Co., Williamsport.)

Pres. C. LaRue Munson. Williamsport
 Sec. & Treas.
 Joseph W. Cochran, Jr. " "
 Mgr. E. H. Davis. " "
 Asst. Mgr. G. E. Wendle. " "
 M. M. J. W. Strawbridge. " "
 Supervisor Track H. M. Colton " "
 Energy from Lycoming Edison Co.'s
 plant on Heppburn St.
 Repair shops at West 4th & Grier Sts.
 8.25 miles; 4-8½ g; 26 motor and 17
 other cars. 59

WILLIAMSTOWN. 2,904.

1040—Lykens Valley Ry. Co.—Office,
 Williamstown. (Reorganization of
 Lykens and Williams Valley St. Ry.
 Co.) (Connects Lykens, Williamstown
 and Tower City.)
 Pres. Louis Dellone. Harrisburg
 Sec. & Treas. John Oenslager, Jr.
 711 No. 3d St., Williamstown
 Supt. R. E. Whisler " "
 P. O. Box 423, " "
 Energy secured from Lykens Valley
 Lt. & Pwr. Co.; trolley volt. 600 v.
 Car barns at Williamstown.
 10.1 miles; 5-2½ g; 8 motor and 2 other
 cars. (Will extend line to Reiner City.)
 118

WILLOW GROVE. 500.
 (See No. 977.)

WOODLAWN. 1,396.
 (See No. 994).

YARDLEY. 894.
 (See No. 612.)

YORK. 51,656 (1916).

1041—York Railways Co.—Office, 27
 W. Market St. (Owns entire capital
 stock of the Suburban Land Co. and
 the York Steam Htg. Co., and all ex-
 cept one-half share of the capital stock
 of the Edison Lt. & Pwr. Co.) (Con-
 nects Blairs Station, Spring Grove,
 Menges Mills, Hanover, Windsor, Red
 Lion, Dallastown, Wrightsville, Hel-
 lam, York Haven, Dover and Mt.
 Wolf.)

Pres. & Gen. Mgr., Gordon Campbell, York
 V. Pres., Ch. Engr. & Engr. Ovhd.
 Constr. L. C. Mayer. " "
 Sec. M. G. Stees. " "
 Treas. & Pur. Agt. E. A. Barnits. " "
 Audr. Jno. J. Landers. " "
 Supt. J. E. Wayne. " "
 Claim Agt.,
 John A. Hooper. Security Bldg., " "
 Gen. Fgt. Agt. L. E. Graff. " "
 Supt. Lt., Ht. & Pwr.
 W. H. Long, 41 W. Market St., " "
 Ch. Engr. Pwr. Sta. O. E. Grim. " "
 M. M., E. L. Greene. " "
 Roadmaster, S. P. Andrews. " "
 Park Mgr. F. H. Hartley. " "

Power sta. equip. 2 d. c. G. E. Westg.
 tot. 750 kw; 2 a. c. G. E. Westg. tot. 525
 kw. 2300 v. 3 ph. 60 cys; 2 a. c. turbo-
 gen. West. tot. 7500 kva. 2300 v. 60 cys;
 1500 hp. e. Allis-C. Rus; 3500 hp. b. Bab.
 & W; trans. volt. 23,000 & 2200 v; trol-
 ley volt. 575 v; energy also purchased
 from York Haven Wtr. & Pwr. Co.
 Power sta. at Gas Alley & Water Sts.;
 repair shops at Penna. & Hartley Sts.
 Reaches Highland, Brookside and Cold
 Springs Park.

84.83 miles; 4-8½ g; 72 motor pass., non-mo. pass., 4 fgt. mo. and 16 other cars. (Co. does ltg. & pwr. business.) ★59

PHILIPPINE ISLANDS.

MANILA. 350,000,

1042—Manila Elec. R. R. & Lt. Corpn.—Office, 43-49 Exchange Place, New York, N. Y. (Controls Compania de los Tranvias de Filipinas and La Electricista, and owns the Manila Suburban Rys. Co.) (Connects Manila and suburbs.

Pres. Charles M. Swift,
Grosse Pointe, Ferrisburg, Vt.
V.Presta. J. H. Pardee..... New York,
Jos. K. Choate..... N. Y.

J. C. Rockwell, 134 Marcelino, Manila.
Gen. Mgr. R. W. Spofford
Sec. & Treas.

T. W. Moffat..... New York, N. Y.
Audr., Asst. Sec. & Asst. Treas.

D. M. Shaw... 134 Marcelino, Manila
Elec. Mgr. R. Lopes..... "

Mgr. Ry. Dept., C. E. Haygood. "
{ Shops & Car Houses, "

{ F. J. Tew..... "

Supts. { Transpt. Oscar Keesel..... "

{ Track F. D. Jones..... "

Pur. Agt. W. R. Barnes..... "

Claim Agt. C. H. Van Hooven..... "

Ch. Engr. Pwr. Sta. B. H. Blaisdell "

Power sta. equip. 5 a. c. turbo-gen.
West., Allis-C. tot. 16,000 kva. 380 &

3600 v. 2 & 3 ph. 60 cys; 5300 hp. b.
Bab. & W; 13500 kw. stm. turb. West.,

Allis-C.; trans. volt. 3400 v; trolley volt.
600 v.

1 sub. sta; 4 rot. conv. (1-ry., 3 excit.)
Power plant on Pasig River (Isla

Provis), Manila; repair shops at 134 San
Marcelino, Manila.

51.84 miles; 4-8½ g; 125 motor pass.,
2 trail pass., 1 fgt. motor and 10 other

cars. (Co. furnishes ltg. & power.)
(Additional 5000 kw. West. turb.
being installed.) ★79

PORTO RICO

MAYAGUEZ. 16,563.

1043—Mayaguez Tramway Co.—Of-
fice, No. 135 Concordia St. (Suc-
cessor to Sociedad Anonima Tranvia
de Mayaguez.)

Pres. & Gen. Mgr.
Clemente Javierra..... Mayaguez

V. Pres. José Durán..... "

Sec. Francisco Durán..... "

Treas. Matias Gil..... "

M. M., Pastor Carrera..... "

Power sta. equip. 1 d. c. G. E. tot. 50
kw; 2300 v; 100 hp. e; 110 hp. b.

2 miles; 4 Gould storage battery cars.
128

PONCE. 35,027.

**1044—Ponce Ry. & Lt. Co. (Formerly
Ponce Elec. Co.)**—Offices, Ponce and
147 Milk St., Boston, Mass. (Connects
Ponce and the Playa (Port).)

Pres. Francis J. Hovey... Boston, Mass.
Sec. Wm. T. Crawford.... "

Treas. H. B. Sawyer..... "

Gen. Mgrs. Stone & Webster
Mgr. Gerald A. de Haseth..... Ponce

Gen. Supt. A. K. MacNaughton... "

Engr. Pwr. Sta. W. H. Ferguson... "

Power sta. equip. 2 d. c. G. E. tot. 300
kw; 3 a. c. G. E. tot. 925 kw. 2300 v.

2 ph. 60 cys; 675 hp. e. McE; 826 hp. b.
Bab. & W. Heine; 500 kw. stm. turb.
G.E.; trans. volt. 2300 v; trolley volt. 550v.

Power sta. at Hastos Ave. Repair shop
adjacent to power sta.

5.5 miles; 5-7/20 g; 10 motor and 2
other cars. (Company does ltg. and pwr
business of Ponce and Playa.) ★29

SAN JUAN. 48,716.

1045—Porto Rico Rys. Co., Ltd.—
Main office, 6 King St. East, Toronto,
Ont., Can. (Owns and operates the
Porto Rico Ry., Lt. & Pwr. Co. and
the Porto Rico Constr. Co.)

Pres. D. E. Thomson K. C.
Toronto, Ont., Can.

V. Pres. W. D. Ross..... "

Sec. & Treas. T. A. Spoor... " ★29

1046—Porto Rico Ry. Lt. & Pwr. Co.

—Office, San Juan. (Operates steam
line (18.02 miles) between Rio Piedras
and Caguas; also operates by electricity
through city of San Juan and Santurce
to Rio Piedras with branch lines to
Borinquen Park.) (Controlled by the
Porto Rico Rys. Co., Ltd.)

Pres. & Gen. Mgr. O. M. Sewell... San Juan

V. Pres. & Asst. Gen. Mgr.
Fred. C. Clarke..... "

Sec. & Audr. G. Brewer..... "

Actg. Treas. & Acct. J. Egoscue " "

Pur. Agt. Moody Engrg. Co.
115 Broadway, New York, N. Y.

Elec. Engr. & Supt. Ltg. & Pwr.
Div. Ross W. Cryder..... San Juan

Supt. Trolley & R. R. Div.
G. L. Enfers..... "

Power sta. equip. 1 d. c. Bull. 250 kw.;
9 a. c. Westg, G. E. tot. 6975 kw. 2300

v. 2 & 3 ph. 60 cys; 700 hp. e. Ames;
1650 hp. b. Cahill, Bab. & W; 1750 kw.

stm. turb. Westg; 7800 hp. turb. (wtr.)
Morris, Smith, W. S. M.; trans. volt.;

22,000-4400-2200 v; trolley volt. 580 v.

Power stas. at Comerio and San Turcot
repair shops at Rio Piedras and Santurce.

Operates and reaches Borinquen Park,
Santurce.

14.464 miles elec.; 4-8½ g; 35 motor
pass., 10 trail pass., 6 pass. and/99 fgt.

cars; 4 elec. and 6 stm. locos. (Co. does
general ltg. and pwr. business.) ★29

RHODE ISLAND

MIDDLETOWN. 1,992.

(See No. 401.)

NARRAGANSETT PIER. 1,469.

(See No. 1052)

NEWPORT. 30,472 (1915).

1047—Eastern Massachusetts St. Ry.

—Local office, 449-455 Thames St.,
Newport. See Boston, Mass.

Ch. Engr. Pwr. Sta.
G. Alfred Eddy..... Newport

Power sta. equip. 4 d. c. G. E. tot. 1125
kw; 4 a. c. turbo-gen. G. E. tot. 2500 kw.

3 ph. 60 cys; 500 hp. e. Prov; 1900 hp. b.
Bab. & W; trans. volt. 2300 v; trolley

volt. 575 v.
Power sta. at Thames St. ★79

1048—Newport & Providence Ry. Co.

—Office, Middletown; P. O. address
Newport. (Connects Newport, Mid-

dletown, Portsmouth and Bristol Ferry
where connection is made by ferry with
New York, New Haven & Hartford

R. R. to Providence.)

Pres. Edward A. Brown..... Newport

Treas. Geo. E. Macomber, Augusta, Me.
Supt. & Pur. Agt.

Geo. M. Towle..... Newport

Energy purchased from Eastern Massa-
chusetts St. Ry.

Repair shop at Middletown.
14.5 miles; 4-8½ g; 15 motor and 2
other cars. ★79

PAWTUCKET. 55,335 (1915).
(See Nos. 158 and 1052.)

PORTSMOUTH. 2,681.

1049—Eastern Massachusetts St. Ry.
—See Boston, Mass.
Power sta. equip. 2 d. c. G. E. tot. 825 kw; 1200 hp. e. Prov; 750 hp. b. Bab. & W.; 100 kw. turb. G. E.; trans. volt. 2300 v. 3 ph. 60 cys; trolley volt. 600 v. ★78

PROVIDENCE. 247,660 (1915).
(See also Nos. 399a, 460 and 1048.)

1050—Providence & Danielson Ry.
(Leased to and now operated by the Rhode Island Co. as the Danielson Division.)

V. Pres.
Theodore Francis Green... Providence
Sec. & Treas.
Franklin A. Smith, Jr. " ★59

1051—Providence, Warren & Bristol R. R. Co.—Office, Room 425 South Station, Boston, Mass. (This section of the New York, New Haven & Hartford R. R. has been equipped with the overhead trolley system, and operates over double track from Providence to Warren, with a single track branch from Warren to Bristol, and from Warren to Fall River.)

Pres. Frank W. Matteson... Providence
V. Pres. & Clerk,
A. E. Clark. New Haven, Conn.
Treas. E. M. Glidden... Boston, Mass.
Power sta. equip. 3 a. c. West. tot. 5250 kw. 13,200 & 2300 v. 3 ph. 25 cys; 2400 hp. b. Bab. & W.; 5250 kw. turb. (stm.) West; trans. volt. 13,200 v; trolley volt. 660 v. Emergency energy from R. I. Co.

Power sta. at Warren; repair shop at Valley Falls.
31.34 miles; 28 motor and 25 trail cars;
1 repair car. ★59

1052—The Rhode Island Co.—Office, 100 Fountain St., Providence. (Own, Providence & Burrillville St. Ry. Co.-Columbian St. Ry. Co., and the Woonsocket St. Ry. Co.; operates through lease Union R. R. Co., Rhode Island Suburban Ry. Co., Pawtucket St. Ry. Co., Sea View R. R. Co., Providence & Danielson Ry. Controls all lines in Providence, Pawtucket and Woonsocket which it connects; also connects Cranston, No. Providence, Barrington, Coventry, Warren, Central Falls, Warwick, E. Greenwich, Cumberland, Lincoln, E. Providence, Burrillville, Scituate, Foster, Danielson, Wickford, Peace Dale, Wakefield, West Warwick and Narragansett Pier.) (Stock held by Messrs. Rathbone Gardner, John O. Ames, John P. Farnsworth, Theodore F. Green and William A. Viall, Trustees of Rhode Island Trolley Lines, under decree of District Court of the U. S. Southern District of New York, Oct. 17, 1914.)

Frank H. Swan.... Providence
Sec. Theodore Francis Green..... "
Zenas W. Bliss..... "
Pres. & Gen. Mgr. A. E. Potter..... "
V. Pres. A. T. Potter..... "
Treas. E. E. Worrall..... "
Compt. C. A. Babcock..... "
Supt. Transp. R. R. Anderson..... "
Supt. (Northern Div.)
Frank H. Brown..... "
Claim Agt. C. E. Redfern..... "
Gen. Fgt. Agt. A. E. Paddock..... "
Pur. Agt.
J. H. Sanford.... New Haven, Conn.

Ch. Engr. H. W. Sanborn... Providence
Supt. Pwr. & Lines W. C. Slade..... "
Ch. Engr. Pwr. Sta. D. P. Miner..... "
Supt. of Equip. W. D. Wright..... "
Supt. Track A. V. Gardiner..... "

Power sta. equip. 2 d. c. G. E. West. tot. 5000 kw; 2 a. c. G. E. tot. 3000 kw. 11,000 v. 3 ph. 25 cys; 7,080 hp. b. Bab. & W., Big, Hornsby; 40,500 kw. stm. turb. Westg., G. E.; trans. volt. 11,000 v; trolley volt. 600 v.
11 sub-stas. (2 with auto cont.) tot. cap. 23,100 kw; 29 rot. conv.

Power sta. at Eddy and Manchester Sts.; repair shop at Cranston St., Arlington, R. I.

Reaches Roger Williams Park, Crescent Park, Hunt's Mills, Rocky Point and Rhodes-on-Pawtuxet.

391.102 miles operated; 4-8½ g; 1019 pass. motor and 177 other cars; 66 snow plows. (Company sells energy.) ★59

1053—The United Traction & Electric Co.—Office, Providence, R. I. (Owns the Union Railroad Co., Pawtucket St. Ry. Co. and the Rhode Island Suburban Railway Co., all of which are operated by Frank H. Swan, T. F. Green and Z. W. Bliss, Recvrs. of the Rhode Island Co.) ★59

TIVERTON. 4,409 (1915).
(See No. 401.)

WAKEFIELD. 2,750.

1053a—Sea View R. R. Co.—(Connects E. Greenwich, Wickford, Narragansett Pier and Wakefield.) (Leased to and operated by The Rhode Island Co. as its Sea View Div.)

Pres. John P. Farnsworth... Providence
Sec. & Treas. Theodore F. Green " ★59

WESTERLY. 10,175 (1915).
(See No. 108.)

WOONSOCKET. 40,075.
(See Nos. 438 and 1052.)

SOUTH CAROLINA

AIKEN. 3,911.
(See No. 135.)

ANDERSON. 12,266 (1916.)

1054—Southern Public Utilities Co.
For general officers see Charlotte, N. C. (Connects North Anderson and City of Anderson.)

Mgr. H. A. Orr..... Anderson
Supt. Thos. F. Hill..... "
M. M., S. A. Phillips, Charlotte, N. C.
Power sta. equip. 1 d. c. West. 150 kw.; 11 a. c. West, G. E. tot. 8750 kw. 2300 v. 3 ph. 60 cys; 750 hp. b. W. & W.; 1000 kw. turb. (stm.) G. E.; 12,000 hp. turb. (wtr.) Smith; trans. volt. 23,000—12,000 v; trolley volt. 750 v.
1 sub-sta. cap. 450 kw.
Power stas. at Portman and Greggs Shoals; repair shops, at Anderson.
9.51 miles; 4-8½ g; 10 motor and 2 other cars. (Co. does gen. ltg. and power business.) 118

CHARLESTON. 60,734 (1916).

1055—Charleston Consol. Ry. & Ltg. Co.—Office, 141 Meeting St., Charleston. (Leased the Charleston Consol. Ry., Gas & Elec. Co. for 99 years.) (Connects Charleston, U. S. Navy Yard and No. Charleston.) (The United Gas Improvement Co., of Phila., Pa., is interested in this Co.)

Pres. P. H. Gadsden..... Charleston
 { Walton Clark
 1401 Arch St.,
 Philadelphia, Pa.
 V. Prests. { Lewis Lillie
 C. M. Benedict... Charleston
 Sec. G. W. Curran.....
 Treas. I. W. Morris,
 1401 Arch St., Philadelphia, Pa.
 Audr. C. J. Bendt..... Charleston
 Supt. Ry. Dept.
 T. W. Passailaigue.....
 Claim Agt. I. S. Stork.....
 Pur. Agt. J. A. Pearson, Philadelphia, Pa.
 Ch. Engr. J. G. Felton..... Charleston
 Ch. Engr. Pwr. Sta. J. O. Moisson
 M. M., F. H. Harris.....
 Engr. M. of W., L. Y. Dawson
 Engr. Ovhd. Constr. E. A. Fox
 Power sta. equip. 3 d. c. G. E. tot. 1500
 kw; 3 a. c. turbo- G. E. tot. 15,000 kw.
 2300 v. 3 ph. 60 cys; 4668 hp. b. Franklin,
 Heine, B. & W.; 10,000 kw. turb. (steam)
 G. E. & Westg.; trans. volt. 13,200-
 66000-2300 v; trolley volt 550 v. Also
 purchase temporarily a limited amount
 of energy from United States Navy Yard
 power house.
 1 sub-sta. cap. 500 kw; 1 rot. conv.
 Power sta. at foot of Charlotte St. on
 Cooper River; reserve plant and repair
 shop at Meeting & Poinsett Sts.
 Reaches Base Ball Park, Chicora Park,
 Naval Station and Hampton Park Air
 Dome.
 37.51 miles; 4-8½ g; 85 motor pass.,
 13 trail pass. and 5 other cars. (Com-
 pany does general ltg. and pwr. business
 and sells energy to Charleston-Isle of
 Palms Trac. Co.) ★29

1056—Charleston Isle of Palms Traction Co.—Office, New Charleston Hotel Bldg. (Owns and operates the Charleston-Isle of Palms Ry., and connecting ferry line, and a lighting plant which supplies light and power for Mt. Pleasant, Sullivan's Island, the Government Reservation and the Isle of Palms; the railway connects all these points.)

Pres. & Treas. James Sottile... Charleston
 V. Pres., Gen. Mgr. & Pur Agt. "
 I. Blank..... "
 Sec. Lawrence Pinckney..... "
 Audr. E. H. Newton..... "
 Elec. Engr., Ch. Engr. Pur. Sta. & M. M.
 S. B. McClary..... Charleston
 Power sta. equip. 2 d. c. G. E. tot. 450
 kw; 2 a. c. G. E. West. tot. 225 kw. 2300
 v. s. & 3 ph. 60 cys; 1000 hp. e. H. F. &
 M.; 1000 hp. b. H. F. & M.; trans. volt
 500-550 v.
 1 sub-sta. cap. 600 kw; 2 G. E. rot.
 conv.

Power sta. at Sullivan's Island; sub-sta.
 at Mount Pleasant; repair shop at Mount
 Pleasant.

Isle of Palms owned by Company.
 9 miles; 4-8½ g; 11 motor and 11 other
 cars. ★59

COLUMBIA. 34,611. (1916.)

1057—Columbia Ry., Gas & Elec. Co.—Office, Columbia. (Formerly the Columbia Elec. St. Ry., Lt. & Pwr. Co.) (Connects New Brookland, Waverly, Shandon, North Columbia, Ridgewood, Eau Claire, College Place and Shandon Annex.) Controls Camp Jackson.

Pres. & Treas. Edwin W. Robertson
 Loan & Exc. Bank, Columbia
 V. Pres. Wm. Elliott... "
 Sec. R. Charlton Wright " "
 Asst. Sec. L. F. Pearce " "
 Audr.
 Chas. M. Tew... Arcade Bldg., "
 Council J. P. S. Lyles..... "
 Gen. Mgr. V. S. Wright... "
 Sec. to Gen. Mgr. W. C. Daligny "

Supt. J. W. Spence..... Columbia
 Claim Agt. C. P. Davis... "
 Supt. Gas Dept. J. M. Steele " "
 Elec. Engr. J. A. Hancock. " "
 Asst. Elec. Engr. H. L. Sanders " "
 Engr. Pwr. Sta.
 L. Hall..... Gervais St., "
 M. M., W. C. Devane, Car Barn " "
 Power sta. equip. 6 d. c. G. E. tot. 2000
 kw; 11 a. c. G. E. Westg. tot. 2,500 kw.
 2300-2300 v. 3 ph. 40 cys; 4000 hp. b.
 Stir.; 5500 kw. stm. turb. G. E. Westg;
 trans. volt. 3300 v; trolley volt. 580 v.
 2 sub-sta., 6 rot. conv.
 Power stas. at Parr Shoals and Colum-
 bia; repair shops at Columbia.
 55 miles; 4-8½ g; 53 motor pass.,
 12 trail pass. and 4 other motor cars.
 (Co. does general lighting and power
 business.) ★59

GREENVILLE. 18,181 (1916).

(See also No. 765.)

1058—Southern Public Utilities Co.—
 For general officers, see Charlotte,
 N. C.

Claim Agt. Luther Guy..... Greenville
 Local Mgr. James McCabe... "
 Supt. R. B. Carpenter..... "
 Engr. M. of W., S. J. Estes... "
 Energy purchased from Greenville-
 Carolina Pwr. Co.; 3 rot. conv. West,
 G. E. tot. 1100 kw; trans. volt. 13,000 v;
 trolley v. 600 v.
 Repair shop at East Broad St., Green-
 ville.

Reaches and owns Dukeland Park.
 14.23 miles; 4-8½ g; 23 motor pass. cars
 and 1 other motor car. (Co. does ltg.)
 ★39

ROCK HILL. 7,216.

1059—Carolina Traction Co.—Office
 Rock Hill.

Pres. & Treas. J. M. Cherry,
 135½ E. Main St., Rock Hill
 Sec. & Park Mgr. Jas. S. White "
 Energy purchased from Southern
 Power Co.
 3 miles; 4-8½ g; 3 storage bat. cars.
 (Operation suspended Dec., 1917; cars
 sold 1918; track and charging plant now
 idle.) ★59

SPARTANBURG. 21,365 (1916).

1060—South Carolina Lt., Pwr. & Rys. Co.—Office, 33 Morgan Square. (Connects Spartanburg, Saxon, East Spartanburg, Glendale and Clifton.)

Pres. P. G. Gossler
 62 Cedar St., New York, N. Y.
 V. Pres. & Gen. Mgr.
 F. H. Knox..... Spartanburg
 Sec. & Treas. F. B. Lasher,
 62 Cedar St., New York, N. Y.
 Asst. Treas. A. S. Jolly... Spartanburg
 Supt. Ry. B. A. Buckheister. "
 Pur. Agt. W. J. Knox..... "
 Elec. Engr. J. H. Axtell... "
 Ch. Engr. Pwr. Sta. J. P. Moran... Gaffney
 Engr. M. of W.,
 H. G. Boyter..... Spartanburg
 Power sta. equip. 4 d. c. Westg. G. E.
 tot. 700 kw; 5 a. c. G. E. tot. 7200 kw.
 2300 v. 3 ph. 60 cys; 2000 kva. cond.
 Syn; 3000 hp. b. Bab. & W; 3000 kw.
 steam turb. G. E.; 12,000 hp. wtr. turb.
 S. Morgan Smith; trans. volt. 33,000 v;
 trolley volt. 600 v.
 Power sta. (steam plant) at Spartan-
 burg and (hydro-electric plants) at Gas-
 ton Shoals and Gaffney; repair shops at
 East Spartanburg.
 21 miles; 4-8½ g; 21 motor and 2 other
 cars. Company does general lighting
 and power business. 19

ABERDEEN. 11,846 (1915).

1061—Aberdeen Railroad Co. (Successor to Aberdeen Ry. Co.) Office, Aberdeen. (Connects Aberdeen and suburbs.)
 Pres., Gen. Mgr. & Pur. Agt.
 Chas. A. Howard..... Aberdeen
 V. Prests. { W. D. Swain..... " }
 { Patrick Daley..... " }
 Treas. A. L. Ward..... " }
 Sec. S. C. Hedger..... " }
 Audr. C. H. Youngman..... " }
 Atty. Chas. N. Harris..... " }
 Supt. & Ch. Engr. A. F. McQuillan..... " }
 M. M., Geo. S. Benton..... " }
 Barn Fmn. Christian Wahl..... " }
 Power sta. equip. 2 d. c. G. E. tot. 200 kw. Energy also purchased from Aberdeen Light & Power Co.; trans. volt. 2300 v; trolley volt. 550 v.
 Repair shops at No. First St., Aberdeen. Reaches Wylie Park, under management of Aberdeen Park Board.
 5.85 miles; 4-8½ g; 10 motor pass. and 2 trail pass. cars, 1 other motor car; 1 snow plow. 118

DEADWOOD. 3,653.

1062—Chicago, Burlington & Quincy R. R. Co.—Offices, 547 West Jackson Blvd., Chicago, Ill. and 10th & Farnam Sts., Omaha, Neb. (Steam road now operating by electricity, branch between Deadwood, Lead and Pluma.)
 Fed. Mgr. C. G. Burnham.. Chicago, Ill.
 Gen. Mgr. E. P. Bracken... " "
 Asst. Treas. C. J. Ernst... Omaha, Neb.
 Gen. Audr. H. D. Foster... Chicago, Ill.
 Audr. W. P. Durkee..... " "
 Asst. Gen. Mgr.
 G. W. Holdrege..... Omaha, Neb.
 Asst. to Gen. Mgr.
 W. F. Thiehoff..... " "
 Supt. G. L. Griggs..... Alliance, Neb.
 Asst. Supt. Trans.
 O. E. Pearson..... Omaha, Neb.
 Pur. Agt. L. N. Hopkins... Chicago, Ill.
 Gen. Pass. Agt.
 L. W. Wakeley..... Omaha, Neb.
 Gen. Fgt. Agt.
 F. Montmorency..... " "
 Chief Engr.
 W. L. Breckinridge..... Chicago, Ill.
 Asst. Chief Engr.
 F. T. Darrow..... Lincoln, Neb.
 Elec. Engr. J. E. Gardner... Chicago, Ill.
 M. M., J. G. Dole..... Alliance, Neb.
 Energy purchased from Consolidated Lt. & Pwr. Co.
 Repair shops at Deadwood. Reaches McDonald Park, Deadwood and City Park, Lead.
 4 miles; 3 g; 3 motor and 2 trail cars. 118

SIOUX FALLS. 30,000. (1917.)

1063—Sioux Falls Traction System.—Office, 415 No. Main Ave., Sioux Falls.
 Pres. & Gen. Mgr. F. M. Mills. Sioux Falls
 1st V. Pres. A. C. Mills..... " "
 2d V. Pres., Sec., Treas. Audr. & Cl. & Pur. Agt. R. C. Mills " "
 Supt., Ch. Engr. & Supt. Ovhd. Constr. John K. Gibson... " "
 M. M., John P. Dake..... " "
 Engr. M. of W. Henry Hawley " "
 Energy purchased from Northern States Power Co.; trolley volt. 550 v.
 Repair shops and car barns at 415 No. Main St.
 Reaches Sherman, McKennan, Lake and Lein's Parks.
 16 miles; 4-8½ g; 15 motor pass. and 2 other cars. ★59

BRISTOL. 7,148.

1064—Bristol Traction Co.—Office, Bristol. (Operates in Bristol and extends to Big Creek.) (The Holston Valley Ry. (formerly controlled) has been electrified and is now consolidated with and operated as part of the Bristol Traction Co.) (On Sept. 15, 1917, property purchased by B. L. Dulaney and associates. Service has been suspended.) (Road dismantled, Dec. 1918.)
 Receivers { Fred. Dulaney..... Bristol }
 { Joseph Caldwell..... " }
 Pres., B. L. Dulaney..... 4th St., " "
 Sec. Treas. & Audr.
 Wm. E. Eberhart, Jr..... " "
 Energy purchased from Bristol Gas & Elec. Co.
 Repair shops at Bristol.
 Reaches amusement park at Big Creek 15.30 miles; 4-8½ g; 12 motor and 2 freight cars. ★197

CHATTANOOGA. 60,075. (1916.)

1065—Chattanooga Ry. & Lt. Co.—Office, Hamilton Bk. Bldg. (Consolidation of the Chattanooga Rys. Co. and the Chattanooga Elec. Co.) (Owns entire capital stock of Lookout Mtn. Ry. Co., which controls through ownership of all securities, Lookout Incline Ry. Co.) (Connects Chattanooga, East Lake, St. Elmo, Alton Park, Rossville, Lookout Mtn., Hill City, Boyce and Mission Ridge, Tenn., and Dodge, Ga.) (Controlled by the Tennessee Ry. Lt. & Pwr. Co.)
 Pres. C. M. Clark,
 321 Chestnut St., Philadelphia, Pa.
 Gen. Mgr. B. C. Edgar
 V. Prests. { F. W. Hoover, New York, N. Y. }
 { W. B. Kurtz, Philadelphia, Pa. }
 Sec. & Treas. G. L. Estabrook,
 321 Chestnut St., " "
 Asst. Sec. & Asst. Treas.
 C. Wright..... Chattanooga
 Gen. Supt. E. D. Reed..... " "
 Asst. Gen. Supt. H. B. Whiteman " "
 Supt. Ry. J. R. Anderson... " "
 Claim Agt. B. D. Haskins... " "
 Pur. Agt. W. A. Boyles..... " "
 Ch. Engr. Pwr. Sta.
 E. C. Williamson..... " "
 Engr. M. of W., R. E. Morrison " "
 Engr. Ovhd. Constr. W. J. Hill " "
 Power sta. equip.: 1 d. c. Westg. 1000 kw; 6 a. c. G. E. tot. 4000 kw. 2300 v. 3 ph. 60 cys; 1400 hp. e. H. C.; 2686 hp. b. Bab. & W; 4000 kw. (stm.) turb. G. E.; trolley volt. 550 v. Energy also purchased from Tennessee Power Co.
 Power sta. at Clift St.; repair shops at 3rd & Market Sts.
 69.31 miles; 4-8½ g; 80 motor and 12 other cars. (Company does lighting and power business.) ★59

1066—Chattanooga Traction Co.—Office, James Bldg., Chattanooga. (Connects Chattanooga, Signal Mountain and Red Bank and intermediate stations.)
 Pres. C. E. James..... Chattanooga
 V. Pres., Gen. Mgr., Pur. Agt. & Ch. Engr., W. T. James " "
 Sec. D. F. Bickman..... " "
 Treas. John L. Davies..... " "
 Supt. C. A. Comer... North Chattanooga
 Signal Engr., E. G. Cherry.. " "
 Ch. Engr. Sub. Sta.
 H. W. Hodgkins..... " "
 M. M., Wm. Raines..... " "
 Engr. M. of W.
 W. J. Blackburn..... " "
 Energy purchased from Chattanooga & Tenn. River Pwr. Co.; trans. volt. 6600 v; trolley volt. 600 v; 1-300 kw. G. E. conv; 1-500 kw. G. E. conv; 1-500 Westg. conv.

Repair shops at No. Chattanooga.
20 miles; 4-8½ g; 11 motor and 9 other cars. 128

1067—Lookout Mountain Ry. Co. and Lookout Incline Ry. Co.—Office, Hamilton Nat'l Bank Bldg., Chattanooga, Tenn. (Operates incline to Lookout Mountain. Connects St. Elmo, Chattanooga and Lookout Mountain.) (Owned by Chattanooga Ry. & Lt. Co.)

Pres. C. M. Clark... Philadelphia, Pa.
V. Pres. B. C. Edgar... Chattanooga
Sec. & Treas.

G. L. Estabrook... Philadelphia, Pa.
Asst. Sec. & Asst. Treas.

C. Wright... Chattanooga

Gen. Supt. E. D. Reed... "

Supt. H. L. Harbin... "

Claim Agt. B. D. Haskins... "

Pur. Agt. W. A. Boyles... "

Elec. Engr. E. C. Williamson... "

Engr. M. of W., R. C. Morrison... "

Energy purchased from Chattanooga Ry. & Lt. Co.; trans. volt. 8600 v; trolley volt. 550 v.

1 sub-sta.
10.795 miles; 4-8½ g; 12 motor and 2 other cars. ★59

1068—Tennessee Ry., Lt. & Pwr. Co.—Office, 321 Chestnut St., Philadelphia, Pa. (Holding company and owns practically all of the common and preferred stocks of the Chattanooga Ry. & Lt. Co.; common stock of the Nashville Ry. & Lt. Co.; also capital stock of the Tennessee Pwr. Co. of Chattanooga.)

Pres. C. M. Clark... Philadelphia, Pa.

Geo. E. Hardy, New York, N. Y.

H. M. Bylesby, Chicago, Ill.

V. Pres. Fred'k C. Walcott, New York, N. Y.

E. W. Clark... Philadelphia, Pa.

Sec. & Treas. G. L. Estabrook... "

Asst. Secs. Wm. Lilley... "

and Jacob Hekma, "

Asst. Treasrs. New York, N. Y.

Clerk Wm. M. Bradley... Portland, Me. ★29

CLARKSVILLE. 8,548.

1069—Citizens Ry. Co.—Office, Clarksville. (Successor to Clarksville & Dunbar Cave Ry. Co.)

Pres. & Gen. Mgr. W. E. Beach... Clarksville

V. Pres. John J. Conroy... "

Sec. S. Newberger... "

Treas. C. W. Bailey... "

Audr. (Miss) Ella Neblett... "

Supt. Allen Harris... "

Energy purchased from Ky. Public Service Co.
Repair shops at 10th St., Clarksville.
League Park controlled and reached by company.

5.5 miles; 4-8½ g; 4 motor cars. 78

JACKSON. 17,807 (1916)

1070—Jackson Ry. & Lt. Co.—General office, Columbia Bld., Louisville Ky. (Successor to the Jackson & Suburban St. R. R. Co.) (Connects Jackson & Hicksville.)

Pres. C. E. Claggett... Louisville, Ky.

V. Pres. & Gen. Mgr. S. S. Bush... "

Sec. Geo. W. Lewis... "

Treas. Columbia Trust Co... "

Audr. H. R. Bland... Jackson

Gen. Supt., Pur. Agt. & Park Mgr. John Wisdom... "

Engr. Pwr. Sta. R. D. Davy... "

Power sta. equip. 2 d. c. Westg. tot. 500 kw; 4 a. c. turbo-gen. Westg. Allis-C. tot. 2350 kw. 2200 & 2300 v. 3 ph. 60 cys; 1650 hp. b. Vogt, Bab. & W; 1000 hp. stm. turb. West.; trans. volt. 2300 v.; trolley volt. 550 v.

Power sta. and repair shop at South Royal St.

Owens Highland Park.

15 miles; 4-8½ g; 19 motor and 4 other cars. (Co. does general ltg. & Pwr. business.) ★29

JOHNSON CITY. 10,925 (1916)

1071—Johnson City Traction Corp.—Office Roan St., Johnson City. (Connects Johnson City and Carnegie.)

Pres. W. A. Leland, Charlestown, S. C.

Treas. R. F. Tucker, 50 State St., Boston, Mass.

Audr. R. M. Clark... Johnson City

Gen. Mgr. Amzi Smith... "

Supt. G. C. Sanders... "

Ch. Engr. Pwr. Sta. Walter Wagner... "

M. M., M. H. Collins... "

Power sta. equip. 2 a. c. G. E. tot. 650 kw. 3 ph. 60 cys; 500 hp. e. Allis-C; 900 hp. b. C. & Z, Bab. & W; 500 kw. stm. turb. G. E.; trans. volt. 2300 v; trolley volt. 600 v.

Power sta. and repair shops at Roan St., Johnson City.

Reaches National Soldiers' Home.

6 miles; 4-8½ g; 15 motor pass. and 3 other motor cars. 118

KNOXVILLE. 80,000.

1072—Knoxville Railway & Light Co.—Office, 626 Gay St. (Connects Knoxville and Fountain City.) Controlled by the American Cities Co., New York, N. Y.)

Chmn. Exec. Comm. J. S. Pevear... Birmingham, Ala.

Pres. & Gen. Mgr. C. H. Harvey Knoxville

V. Pres. W. S. Shields... "

Sec. & Treas. C. J. Fleming... "

Audr. C. A. Briggs... "

Supt. Ry. T. C. Kelly... "

Claim Agt. S. J. Herrell... "

Pur. Agt. J. E. Lebow... "

Com'l Mgr. W. R. Sammons... "

Ch. Engr. James Link... "

Engr. Pwr. Sta. O. E. Collins... "

Engr. Maint. of Way, F. J. Jones... "

M. M., J. M. Kington... "

Roadmaster, M. D. Wyrick... "

Engr. Lines & Constr. C. D. Green... "

Power sta. equip. 5 a. c. G. E. Allis-C. tot. 6800 kw. 2300 v. 3 ph. 60 cys; 800 hp. e. Ham; 3900 hp. b. Bab. & W, Stir; 6000 kw. stm. turb. G. E. Allis-C.; trans. volt. 13,200 & 2300 v; trolley volt. 550 v. energy also purchased from Tennessee Pwr. Co.

Power sta. at cor. 6th & Washington Aves.; repair shops at Magnolia Ave. & Jessamine St.

Owens Chilhowee & Fountain City Parks.
54.7 miles; 4-8½ g; 81 motor pass., 34 trail pass., 12 other motor and 2 other cars. (Company does lighting.) ★29

LOOKOUT MOUNTAIN. 631

(See No. 1067.)

MEMPHIS. 148,995 (1916).

1073—Memphis & Lake View Ry. Co.—Office, Beale Ave. and Walnut St. (Connects Memphis and Lake View, Miss.)

Pres. & Gen. Mgr. T. H. Tutwiler... Memphis

V. Pres. Luke E. Wright... "

Sec. & Treas. L. Lemay... "

Energy purchased from Memphis Consolidated Gas & Elec. Co.
10.83 miles; 4-8½ g; 4 cars. 118

1074—Memphis St. Ry. Co.—Office, Walnut St. & Beale Ave. (Controlled by the American Cities Co., New York, N. Y.)

Pres. & Gen. Mgr. T. H. Tutwiler. Memphis
V. Pres. Luke E. Wright. " " " " " "
Sec. & Treas. L. Lemay. " " " " " "
Asst. Audr. W. T. Brown. " " " " " "
Gen. Supt. E. W. Ford. " " " " " "
Claim Agt. C. B. Proctor. " " " " " "
Pur. Agt. W. N. Ford. " " " " " "
Ch. Engr. J. H. Haylow. " " " " " "
Engr. Pwr. Sta. J. W. McCarty. " " " " " "
Supt. of Equip. & Ovhd. Lines " " " " " "
A. D. McWhorter. " " " " " "
Roadmaster, T. M. Gorman. " " " " " "
 Power sta. equip. 7 d. c. G. E. & Walker tot. 8800 kw; 13,900 hp. e. Allis-C. & Penn; 7820 hp. b. Bab. & W. Stir; trans. volt. 500 v; trolley volt. 550 v.
 Power sta. at Fourth St. & Railroad Ave.; repair shops at Walnut St. & Beale Ave.
 Reaches East End, Overton and Riverside Parks and Tri-State Fair Grounds. 124 miles; 4-8½ g; 344 pass., 26 other cars. ★118

NASHVILLE. 117,057 (1916.)

1076—Union Trac. Co.—Office, 302 Second Ave., No. Nashville. (Successor to all the properties, rights and franchises of the Nashville-Gallatin Interurban Ry.) (Connects Nashville with Gallatin.)
Pres. H. H. Corson. Nashville
V. Pres. John Bell. " " " "
Gen. Mgr. L. C. Connell. " " " "
 Energy purchased from Nashville Ry. & Lt. Co.; 4 transf. G. E. tot. 200 kva. 2300-19,000 v.; trans. volt. 19,000 v., 3 ph. 60 cys; trolley volt. 1200 v.
 Sub-sta. cap. 600 kw; 3 rot. conv.
 Sub-sta. and repair shops at Hendersonville.
 Reaches and owns Rockland Park. 27.05 miles; 4-8½ g; 6 motor cars and 1 other car. 118

1077—Nashville Interurban Ry.— Office, 533 Broadway, Nashville. (Connects Brentwood, Nashville and Franklin.)
Pres. & Treas.
John H. Carpenter. Nashville
Sec. C. R. Cogle. " " " "
Audr. W. H. Parrish, Jr. " " " "
Gen. Mgr. & Pur. Agt. " " " "
Meade Frierson. " " " "
Supt. E. C. Shockley. " " " "
 Energy purchased from Nashville Ry. & Lt. Co.; sub-stas. at Brentwood and Franklin.
 19.3 miles; 4-8½ g; 4 pass. and 2 fgt. cars; 1 elec. loco. 59

1078—Nashville Ry. & Lt. Co.—Of- fice, 605 Church St. (Absorbed the Cumberland Elec. Lt. & Pwr. Co. (Controlled by the Tennessee Ry., Lt. & Pwr. Co.)
Pres. C. M. Clark
 321 Chestnut St., Philadelphia, Pa.
1st V. Pres. W. H. Sawyer
 Huntington Bk. Bldg., Columbus, O.
2nd V. Pres. & Gen. Mgr.
B. C. Edgar. Nashville
Sec. & Treas. G. L. Estabrook,
 321 Chestnut St., Philadelphia, Pa.
Asst. Sec. & Asst. Treas.
B. F. Manning. Nashville
Supt. J. P. W. Brown. " " " "
New Business Mgr. J. E. Carnes " " " "
Claim Agt. Kinney Harman " " " "
 3d Ave. at Union, " " " "
Pur. Agt. H. B. Stubblefield " " " "
Supt. Ry. H. A. Davis. " " " "
Elec. Engr. & Ch. Engr. Pwr. Sta. " " " "
W. E. Campbell. " " " "
Mgr. Lt. & Pwr. Dept. " " " "
Jas. E. Carnes. " " " "
Ch. Engr. Pwr. Sta. H. H. Bailey " " " "
M. M., Geo. W. Swint. " " " "
Engr. M. of W., H. C. Benagh. " " " "
 Power sta. equip. 1 d. c. G. E. 1600 kw; 4 a. c. turbo-gen. G. E. tot. 15,500

kw. 2300 v. 3 ph. 60 cys; 1600 kw. e. Int. Pwr. Co; 7940 hp. b. Bab. & W; trans. 120,000-19,000-13,200 v; trolley volt. 600 v.
 3 sub-stas. tot. cap. 12,000 kw; 4 rot. conv.
 Reaches Glendale Park (owned by Co.), Centennial Park and Shelby Park (owned by city).
 100.27 miles; 4-8½ g; 214 motor pass., 23 trail pass. and 15 other cars. (Co. does ltg. and sells energy to railway companies.) ★69

1079—Nashville Trac. Co.—Office, 150 Fourth Ave. N., Nashville. (Operates in Nashville and reaches suburbs.)
Pres. W. O. Parmer. Nashville
V. Pres. C. M. Crawford. " " " "
Sec. & Treas.
A. V. Burrington. Columbus, O.
Audr. S. O. Wright. Nashville
Gen. Mgr., Pur. Agt. & Ch. Engr. " " " "
G. B. Howard. " " " "
Supt. E. N. Woolard. " " " "
Claim Atty.
W. E. Steger. Steger Bldg., " " " "
Elec. Engr. J. B. Mullins. " " " "
 Energy purchased; trolley volt. 550 v. d. c.
 4.5 miles constructed; 4-8½ g; 3 motor cars. (System will have about 25 miles of track when completed.) 127

TEXAS.

ABILENE. 14,238 (1916).

1080—Abilene St. Ry. Co.—Office, 126 Cypress St., Abilene.
Receiver W. G. Swenson. Abilene
Pres. Ed. S. Hughes. " " " "
V. Pres. Geo. L. Paxton. " " " "
Sec. T. P. Scott. " " " "
Treas. W. A. Keeble. " " " "
Supt. D. Coker. " " " "
 Energy purchased from Abilene Gas & Elec. Co., 3 ph. 60 cys.
 Repair shops at Second & Dall Sts. 4.75 miles; 4-8½ g; 4 motor cars. 18

AMARILLO. 19,124 (1916).

1081—Amarillo St. Ry. Co.—Office, 520 Taylor St., Amarillo. (Operates within the city limits and its immediate suburbs.) (Operation suspended.)
Pres. Henry L. Doherty
 60 Wall St., New York, N. Y.
1st V. Pres. Frank W. Freelauf
 60 Wall St., New York, N. Y.
2d V. Pres. & Gen. Mgr.
Guy W. Faller. Amarillo
Sec. Treas. & Audr.
L. A. Romsay. Bartlesville, Okla.
Supt. J. E. Richey. Amarillo
 Energy purchased from City Light & Water Co., 1 d. c. G. E. 150 kw; 300 hp. b. Keeler; 150 kw. stm. turb. Atlas; trolley volt. 550 v.
 Repair shops at 4th & Polk Sts., Amarillo.
 8.2 miles; 4-8½ g; 11 motor and 1 other car. (In Oct. 1917 operation was suspended temporarily.) (City is endeavoring to enter into lease with owner to operate system for 3 years. City has purchased the equipment.) ★69

AUSTIN. 34,814 (1916).

1082—Austin Street Ry. Co.—Office, Scarborough Bldg., Austin.
Pres. & Gen. Mgr. W. J. Jones. Austin
V. Pres. F. H. Watriss
 1 E. 60th St., New York, N. Y.
Asst. to Pres., Elec. Engr.
Edw. Chisholm. Austin
Sec. & Supt. Claims D. A. Bush. " " " "
Treas. E. P. Wilmot. " " " "

Asst. Sec. Guy P. Gannett, Augusta, Me.
 Asst. Treas. Geo. E. Macomber
 Supt. Transp. Chas. Ing. Austin
 Asst. Supt. Transp. Geo. Milton.
 Ch. Engr. Pwr. Sta. H. Odell.
 M. M., W. H. Tucker.
 Supt. M. of W., W. H. Burdett.

Power sta. equip. 3 d. c. G. E. West.
 tot. 1350 kw; 770 hp. e. McI. & S. Rankin,
 Fitch; 875 hp. b. Bab. & W.; 750 kw.
 stm. turb. West; trans. and trolley volt.
 550 v.

Power sta. and repair shop at Pressler
 St.

22 miles; 4-8½ g; 46 motor and 2 work
 cars. ★59

BEAUMONT. 30,000 (1917).

1063—Beaumont Traction Co.—Office
 Terminal Bldg., Beaumont. (Secur-
 ities owned by the Eastern Texas
 Elec. Co. which see for general officers.)
 Mgr. Alfred F. Townsend. Beaumont
 Supt. Transp. J. P. Morton.
 M. M., J. E. Gallaber.
 Car barn, 796 Irving Ave.
 13.5 miles; 4-8½ g; 36 motor cars. 128

1064—Eastern Texas Elec. Co.—(Owns
 the securities of the Beaumont Elec.
 Lt. & Pwr. Co., Port Arthur Lt. & Pwr.
 Co. and Port Arthur Ice & Refrigerat-
 ing Co., which do the entire electric
 lighting and power business in Beau-
 mont, and the entire electric lighting
 and power business and an ice manu-
 facturing and refrigerating business
 in Port Arthur. Owns the securities
 of the Jefferson County Traction Co.,
 an interurban electric railway operating
 between Beaumont and Port Arthur,
 a distance of about 20 miles; also owns
 the securities of the Beaumont Traction
 Co., which does the entire electric
 railway business in Beaumont.)

Pres. Marshall M. Phinney, Boston, Mass.
 V. Pres. Guy L. Weymouth
 Sec. Hollis T. Gleason.
 Treas. Henry B. Sawyer.
 Gen. Mgrs. Stone & Webster
 147 Milk St.,
 Dist. Mgr. Luke C. Bradley
 1111 Scanlon Bldg., Houston
 Mgr. Oper. Cos.
 Alfred F. Townsend. Beaumont
 Claim Agt. E. J. Davis.
 Local Pur. Agt. P. E. McChesney
 Supt. Ltg. W. I. Sturtevant.
 Supt. Transp. J. P. Morton.

BEAUMONT PWR. ST.—3 a. c. West
 tot. 3000 kw. 2300 v. 3 ph. 60 cys; 1 d. c.
 West. 300 kw. 500 v; 4 mo-gen. West.
 Tri. tot. 500 kw. 125 v.; 3 mo-gen. G. E.
 tot. 1100 kw. 600 & 1200 v; 475 hp. e.
 Cor; 4001 kw. stm. turb. West; 2200 hp.
 b. Stir, Bab. & W.

PORT ARTHUR PWR. STA., No. 1
 —3 a. c. turbo-gen. G. E. West. tot. 1800
 kw. 2300 v. 2 ph. 60 cys; 3 mo-gen. tot.
 700 kw; 1500 hp. b. Stir, Bab. & W.

PORT ARTHUR PWR. STA., No. 2—
 1 a. c. turbo-gen. Allis-C. 4000 kw. 2300
 v. 3 ph. 60 cys; 1200 hp. b. Bab. & W.
 Power stas. at Beaumont and Port
 Arthur, tot. cap. 9100 kw; car barn and
 repair shops at Beaumont.

Companies controlled operate 31.83
 miles of track; rolling stock equip.: 35
 motor pass., 4 trail and 4 other cars. 78

BROWNSVILLE. 13,163 (1916).

1065—Brownsville Street & Inter-
urban Railroad Co.—Office, 1101
 Elizabeth St.
 Pres. Jas. A. Browne. Brownsville
 V. Pres., Audr. & Gen. Mgr.
 D. A. O'Brien.
 Sec. & Treas. A. W. Wood.

Energy purchased from Brownsville
 Elec. Lt. & Wtr. Wks.
 3.31 miles; 4-8½ g; 2 cars. 59

BRYAN. 4,132.

1066—Bryan & Central Texas Inter-
urban Ry. Co.—Office, Bryan, (Con-
 nects Bryan, Stone City, Pittsbridge,
 Grant, Whitaker and Wilcox.)

Receiver J. W. Green. Bryan
 Pres. W. E. Saunders.
 V. Pres. A. W. Wilkerson.
 Mgr. for Recv. & Ch. Engr.,
 L. M. Levinson.
 Audr. & Sec. E. Loftin.
 27.2 miles; 4-8½ g; 2 gasoline motor,
 5 steam and 3 other cars. (Operates
 by steam for freight service.) 59

1067—Bryan & College Interurban
Ry. Co.—Office, Bryan, (Connects
 Bryan, Hill Crest, Union Hill and
 College Station.)

Pres. S. S. Hunter. Shreveport, La.
 V. Pres. W. E. Saunders. Bryan
 Sec., Gen. Mgr. & Pur. Agt.
 L. M. Levinson.
 Treas. A. W. Wilkerson.
 Audr. N. Penn.
 Supt., Ch. Engr. Pwr. Sta. & M. M.
 Albert May.
 Gen. Fgt. & Pass. Agt.
 W. J. Hunter.
 Roadmaster, Wm. O'Dea.
 Power sta. equip.: 1 d. c. G. E. 150 kw;
 200 hp. e. (gas) F. M. & Co.; trolley volt.
 600 v.
 Pwr. sta. and repair shops at Bryan
 Owns and reaches Dellwood Park.
 7.75 miles; 4-8½ g; 3 motor and 3 other
 cars. 59

CORPUS CHRISTI. 10,432 (1916).

1069 Corpus Christi Ry. & Lt. Co.—
 Office, 410 Starr St., Corpus Christi.
 (Successor to Corpus Christi St. & In-
 terurban Ry. Co.)

Receiver C. U. Culberson.
 Pres. John Gribbel. Philadelphia, Pa.
 1st V. Pres.
 John J. Henderson.
 2d V. Pres. & Gen. Mgr.
 E. H. Eldridge. Corpus Christi
 Sec. & Treas.
 John S. Henderson.
 Audr. Garnet Menger.
 Supt. J. H. Hill.
 Elec. Engr. W. A. Whitworth
 Engr. Ovhd. Constr.
 N. H. Gravett.

Power sta. equip. 1 d. c. G. E. 150
 kw; 5 a. c. G. E. Ft. W. West. tot. 850
 kva. 2300 v. poly ph. 60 cys; 1600 hp. e.
 Diesel, Bckye, Cor; 1200 hp. b. Sterling.
 Mur; trans. volt. 2300 v; trolley volt.
 600 v.

Power stas. at Laguna & Water Sts.;
 repair shops at Laguna & Water Sts. and
 Tiger & Hughes Sts., Corpus Christi.
 10 miles; 4-8½ g; 15 motor and 2 other
 cars. (Co. does a general lighting and
 power business.) ★59

CORSICANA. 10,022 (1916).

(See No. 1097.)

DALLAS. 124,527 (1916).

(See also No. 1116.)

1090—The Dallas Ry. Co.—Office,
 Interurban Bldg. (Has taken over the
 properties of Dallas Consolidated Elec.
 St. Ry., Metropolitan St. Ry. and
 Rapid Transit Ry. Co.)

Pres. J. F. Strickland. Dallas
 W. B. Head.
 J. C. Duke.
 V. Prests. C. E. Calder.
 Gen. Mgr.
 Richard Meriwether.

Sec. & Treas. J. B. Walker..... Dallas
 Audr. W. R. Burns..... "
 Pur. Agt. H. B. Fisher..... "
 Supt. C. A. Swanson..... "
 Claim Agt. P. Reddick..... "
 M. M.
 J. L. Brown.. Elm & Peak Sts., "
 Engr. M. of W. & Ovhd. Constr. "
 B. R. Brown..... "
 Energy purchased from Dallas Pwr. &
 Lt. Co.; trolley volt. 600 v.
 Repair shop at Elm & Peak Sts.
 Reaches State Fair Grounds.
 90.58 miles; 4-8½ g; 272 motor and
 7 other cars. ★95

1000s—Dallas Southwestern Traction Co.—3d floor, Gaston Bldg.
 (Connects Dallas, Cement City, Irving,
 Grand Prairie, Mansfield, Alvarado,
 Cleburne and Glen Rose.)
 Pres. E. P. Turner..... Dallas
 1st V. Pres. Sam P. Cochran..... "
 2d V. Pres. John L. Cleveland.. Cleburne
 Sec. & Treas. J. E. Bassett..... Dallas
 Pur. Agt. J. J. Carter..... "
 Ch. Engr. John T. Witt..... "
 Elec. Engr. J. N. Jones..... "
 Will purchase energy from Texas Pwr.
 & Lt. Co. Road contracted from Dallas
 to Irving via Eagle Ford and from Eagle
 Ford to Cleburne. 128

1001—Dallas Standard Traction Co.—
 Office, 1004 Commerce St., Dallas.
 (Connects Dallas and Mt. Auburn.)
 Pres. & Gen. Mgr. J. Howard Power. Dallas
 V. Pres. & Audr. M. M. Thompson "
 Sec., Treas., Claim & Pur. Agt. "
 F. B. Dunlap..... "
 Supt. J. E. Farr..... "
 Ch. Engr. & Engr. M. of W., "
 O. A. Teal..... "
 Equipment rented from The Dallas Ry.
 Co., and energy purchased from Dallas
 Elec. Lt. & Pwr. Co.
 1.25 miles; 4-8½ g. 118

1002—Dallas Street Ry. Co.—Office,
 500 First Bank Bldg., Dallas.
 Pres. J. H. Miller..... Waxahachie
 V. Pres. A. C. Moser..... Dallas
 Sec., Treas., Gen. Mgr. & Pur. Agt. "
 G. W. Works..... "
 Equipment rented and energy pur-
 chased from The Dallas Ry. Co.
 1.125 miles. 118

1007—Texas Electric Ry.—Office, 7th
 Floor, Interurban Bldg. (Owns and
 operates the properties formerly com-
 prising the Texas Trac. Co. and the
 Southern Trac. Co. Operates elec.
 inter ry. system between Dallas and
 Denison, Dallas and Waco and Dallas
 and Corsicana, comprising 244.27 miles
 of track (of which 9.98 miles being en-
 trance into Dallas, is leased), also local
 st. ry. systems in Denison, Sherman,
 McKinney, Corsicana, Waxahachie
 and Waco consisting of 32.65 miles of
 track. Enters Dallas over tracks of The
 Dallas Ry. Co. under trackage contract.
 Northern terminus: Denison, Grayson
 County; Southern termini: Waco,
 McLennan County, and Corsicana,
 Navarro County.)

Pres. J. F. Strickland..... Dallas
 V. Pres. & Gen. Mgr. Burr Martin. "
 V. Pres. C. E. Calder..... "
 Sec. & Gen. Pass. Agt. Jas. P. Griffin, "
 Asst. Sec. J. C. Thompson..... "
 Treas. & Gen. Claim Agt. "
 H. I. Gahagan..... "
 Asst. Treas. Chapin M. Seley..... Waco
 Audr. J. A. Wright..... Dallas
 Supts. {No. Div. M. J. Loftus, Sherman
 Transp. {So. Div. H. G. Floyd..... Dallas
 Supt. Sub. Stas. H. L. Ingram..... "
 Pur. Engr. A. D. Brinkerhoff..... "
 Master Mech. J. E. Caple..... Waco
 Engr. M. of W., B. H. Hart..... Sherman

Road {T. J. O'Connor..... Dallas
 masters {J. J. Stanley..... Waco
 Energy purchased from Texas Pwr. &
 Lt. Co.; trans. volt. 33,000 v; trolley volt.
 1200-600 v. single trolley catenary
 suspension.
 Repair shops at Monroe, Waco and
 Sherman; 14 sub-stas. including 2 port-
 ables.
 Reaches Glendale (Waco Div.), Kirk-
 land and Woodlake Parks (Denison Div.)
 276.92 miles (266.94 owned); 4-8½ g;
 174 interurban, 39 pass. motor, 22
 other pass. cars, 10 exp. & bagg. motor,
 4 trail. and 43 other cars; city, 56
 motor cars. Owns valuable termini at
 Denison, Corsicana and Waco and ex-
 press termini in Dallas. ★59

DENISON. 14,779.

(See No. 1097.)

EL PASO. 61,902 (1916).

1100—El Paso Elec. Ry. Co.—General
 office, 147 Milk St., Boston, Mass.;
 local office Martin Bldg. (Controls and
 operates El Paso & Juarez Trac. Co.;
 operates in El Paso and a line to
 Juarez, Mex.) (Securities owned by
 the El Paso Elec. Co.)
 Pres. Marshall M. Phinney, Boston, Mass.
 V. Pres. J. C. Leighton... "
 Sec. Geo. A. Pierce..... "
 Treas. J. T. G. Nichols.. "
 Asst. Treas.
 D. J. Hennessy.. Box 695, El Paso
 Gen. Mgr. Alba H. Warren "
 Asst. Mgr. Luke C. Bradley, "
 1111 Scanlon Bldg., Houston
 Ry. Supt. H. S. Potter, Box 695, El Paso
 Claim Agt. Alves Dixon..... "
 Pur. Agt. E. R. Fontaine..... "
 Gen. Fgt. & Pass. Agt. R. A. Gill. "
 Ltg. Supt. J. L. Alexander..... "
 Elec. & Signal Engr. J. B. White. "
 Ch. Engr. Pwr. Sta. "
 C. L. Learmonth..... "
 M. M., J. E. Lawless..... "
 Power sta. equip. 1 d. c. West 200 kw;
 6 a. c. G. E. Allis-C. tot. 10,500 kva.
 2300 v. 2 ph. 60 cys; 300 hp. e. McE.,
 6290 hp. b. Bab. & W. Stir. A. & T;
 10,500 kw. turb. (stm.) G. E. Allis-C.;
 trans. volt. 22,000 & 6600 v.; trolley
 volt. 600 v.
 2 sub-stas. tot. cap. 2400 kw; 5 mo-gen.
 sets.

Power stas. at Santa Fe & 4th Sts.;
 repair shop at Cotton & Olive Sts.
 Reaches Washington Park.
 40.79 miles; 4-8½ g; 82 motor pass.,
 6 trail pass. and 3 other motor cars. (Com-
 pany does general ltg. & pwr. business
 in El Paso and Juarez, Mex.) ★59

**1101—Rio Grande Valley Traction
 Co.**—General office, 147 Milk St.,
 Boston, Mass.; local office, Martin
 Bldg., El Paso. (Connects El Paso
 and Ysleta.) (Controlled by El Paso
 Elec. Ry. Co.)
 Pres. M. M. Phinney.... Boston, Mass.
 Sec. H. T. Gleason..... "
 Treasrs. {J. C. Leighton... "
 {H. B. Sawyer... "
 Asst. Treas. D. J. Hennessy,
 Box 695, El Paso
 Gen. Mgr. Alba H. Warren. Boston, Mass.
 Dist. Mgr. Luke C. Bradley,
 1111 Scanlon Bldg., Houston
 Supt. H. S. Potter..... El Paso
 Pur. Agt. E. R. Fontaine..... "
 Claim Agt. Alves Dixon..... "
 Gen. Fgt. & Pass. Agt. R. A. Gill. "
 Ch. & Elec. Engr. & Engr.
 Ovhd. Constr. J. B. White... "
 Ch. Engr. Pwr. Sta.
 Chas. Learmonth..... "
 M. M., J. E. Lawless..... "
 Energy purchased from El Paso Elec.
 Ry. Co.; 1 mo-gen. West. 300 kw. 2200 v;
 trans. volt. 22,000 v; trolley volt. 600 v.

Sub. sta. (tot. cap. 300 kw.) at West Ysleta; repair shops at Cotton & Olive Sts.

Reaches Washington Park.
9.81 miles; 4-8½ g; 4 motor pass. cars and 1 ft. mo. car. ★59

1102—El Paso Electric Co.—Office 147 Milk St., Boston, Mass. (Owns the securities of El Paso Electric Ry. Co., El Paso & Juarez Traction Co. and Rio Grande Valley Traction Co. which companies do the entire electric railway, electric lighting and power business in El Paso, Tex., and Juarez, Mexico, and operate an electric railway between El Paso and Ysleta).

Pres. Marshall M. Phinney, Boston, Mass.
V. Pres. Joseph Remick...
Sec. George A. Peirce...
Treas. Henry B. Sawyer...
Gen. Mgrs. Stone & Webster
Pur. Agt. H. R. Johnson...
Dist. Mgr. Luke C. Bradley,

1111 Scanlon Bldg., Houston
Mgr. Oper. Cos., Alba H. Warren, El Paso
Engr. Pwr. Sta. C. L. Learmouth

Power sta. equip.: 2 d. c. West. tot. 200 kw. 575 v; 6 a. c. G. E. Allis-C. tot. 10,500 kw; 2300 v. 2 ph. 60 cys; 804 hp. e. Ridge; 6615 hp. b. Bab. & W. Stir., A. & T; 10,500 kw. stm. turb. G. E., Allis C.; trans. volt. 22,000 and 6600 v; trolley volt. 575 v.

Companies controlled operate 48.7 miles of track; rolling stock equip.—66 motor, 12 trail, and 6 other cars. 128

FORT WORTH. 104,562 (1916).

1103—Northern Texas Trac. Co.—Office, 400 Main St. (Operates in Ft. Worth; also an interurban line connecting Ft. Worth, Handley, Arlington, Grand Prairie and Dallas.) (Controlled by Northern Texas Elec. Co.)

Pres. Marshall M. Phinney Boston, Mass.
V. Pres. & Local Mgr.

Geo. H. Clifford..... Fort Worth
Sec. Hollis T. Gleason... Boston, Mass.
Treas. Henry B. Sawyer...
Audr. A. R. Patterson...
Gen. Mgrs. Stone & Webster...
Dist. Mgr. Luke C. Bradley,

1111 Scanlon Bldg., Houston
Gen. Supt. V. W. Berry..... Fort Worth
Claim Agt. K. M. Watson...
Gen. Pass. Agt. H. Tully Boetick...
Pur. Agt. H. H. Slater.....
Elec. Engr. J. B. Ledlie.....

Engr. Pwr. Sta. E. L. White... Handley
M. M. S. W. Hardwich... Fort Worth
Roadmaster W. L. Hunter... Handley
Power sta. equip.: 4 a. c. West. Allis-C. tot. 2800 kw. 390 v. 3 ph. 25cys; 4200 hp. e. Cpr. H. O. & R; 5320 hp. b. Bab. & W; 8000 kva. turb. (stm.) West; trans. volt. 15,000 v; trolley volt. 600 v.

Power sta. at Handley; repair shops at Ft. Worth and Handley.

Reaches Lake Erie Park (owned), Handley.

113.61 miles; 4-8½ g; 175 motor pass., 26 trail pass., 12 other motor and 3 other cars. (Does lighting and power business in Handley and Grand Prairie.) 78

1104—Tarrant County Traction Co.—Office, 400 Main St. (Successor to Fort Worth Southern Trac. Co.) (Controlled by the Northern Texas Elec. Co.) (Connects Fort Worth, Burleson and Cleburne.)

Pres. Marshall M. Phinney,
147 Milk St., Boston, Mass

Sec. Hollis T. Gleason...
Treas. Henry B. Sawyer...
Gen. Mgrs. Stone & Webster...
st. Mgr. Luke C. Bradley,
1111 Scanlon

, Houston

Local Mgr. Geo. H. Clifford, Fort Worth
Gen. Supt. V. W. Berry.....
Claim Agt. K. M. Watson...
Gen. Pass. Agt. H. Tully Boetick...
Pur. Agt. H. H. Slater.....
Elec. Engr. J. B. Ledlie.....

Roadmaster, W. L. Hunter... Handley
Energy purchased from Northern Texas Trac. Co.; trans. volt. 15,000 v; trolley volt. 600 v.

Repair shops at Fort Worth.
29.52 miles; 4-8½ g; 6 motor cars and 1 other car. (Does lighting and power business at Burleson and Everman.) 78

1105—Northern Texas Elec. Co.—

Office, 147 Milk St., Boston, Mass. (Owns securities of Northern Texas Trac. Co.; capital stock of the Tarrant County Traction Co. (formerly Fort Worth Southern Traction Co.) and the Arlington Lt. & Pwr. Co. These companies do the entire electric railway business in Ft. Worth; do the electric light and power and ice and water business in Arlington, and operate interurban electric railways between Ft. Worth and Dallas (35 miles) and between Ft. Worth and Cleburne (31 miles).

Pres. Marshall M. Phinney, Boston, Mass.
V. Pres. G. L. Weymouth...
Sec. George A. Pierce...
Treas. Henry B. Sawyer...
Gen. Mgrs. Stone & Webster...
Dist. Mgr., Luke C. Bradley,

1111 Scanlon Bldg., Houston
Mgr. Oper. Cos.

George H. Clifford..... Fort Worth
★29

GALVESTON. 41,863 (1916).

1106—Galveston Electric Co.—Office, Ave. I & 21st St. (Operates entire electric railway and a portion of the electric lighting and power business in Galveston.) (Controlled by Galveston-Houston Elec. Co.)

Pres. Marshall M. Phinney, Boston, Mass.
V. Pres. {E. Wadsworth.
{Wilbur A. Carter

Sec. Chester M. Clark...
Treas. H. B. Sawyer...
Asst. Treas. W. B. Gibbon... Galveston
Gen. Mgrs.

Stone & Webster..... Boston, Mass.
Dist. Mgr. Luke C. Bradley,

1111 Scanlon Bldg., Houston
Mgr. Alba H. Warren..... Galveston

Claim Agt. Geo. F. Pierce...
Supt. Transp. Chas. S. McLinn...
M. M., M. B. Osborne...
Roadmaster, Geo. McMullan...
Engr. Ovhd. Constr.

Henry Manstel.....
Power sta. equip. 3 d. c. tot. 950 kw; 4 a. c. — tot. 1125 kw. 2300 v. 2 ph. 60 cys; 2418 hp. e; 1444 hp. b. Bab. & W; trans. volt. 33,000-2300 v; trolley volt. 550 v.

Power sta. and repair shop at Galveston. Energy also purchased from Galveston-Houston Elec. Ry. Co.

38.72 miles; 4-8½ g; 80 pass. motor and 5 other cars. 78

1107—Galveston-Houston Elec. Ry. Co.—(Company has rights of entrance into Galveston over tracks of the Galveston Elec. Co. and into Houston over tracks of the Houston Elec. Co.) (Connects Galveston and Houston.) (Controlled by the Galveston-Houston Elec. Co.)

Pres. Marshall M. Phinney, Boston, Mass.
V. Pres. & Dist. Mgr. Luke C. Bradley,

1111 Scanlon Bldg., Houston
Sec. Chester M. Clark... Boston, Mass.
Treas. Henry B. Sawyer.

Ast. Treas. H. L. Harding..Houston
 Gen. Mgrs.
 Stone & Webster.....Boston, Mass.
 Gen. Supt. Geo. G. Morse....Houston
 Local Mgr. David Daly....."
 Claim Agt. Bert Gray....."
 Gen. Pass. Agt. Rex. D. Frazier..Dallas
 Pur. Agt. A. T. Kunz....."
 M. M., F. J. Bennett.....Houston
 Power sta. equip. 7 d. c. G. E. tot. 2100
 kw; 2 a. c. G. E. tot. 3000 kw, 2300 v. 3
 ph. 60 cys; 1560 hp. b. Bab. & W; 3000
 kw. stm. turb. G. E; trans. volt. 33,000
 v; trolley volt. 600 v.
 Power sta. at Webster; repair shops at
 Houston.
 50 miles; 12 motor and 14 other cars.
 78

1106—Galveston-Houston Elec. Co.
 Office, 147 Milk St., Boston, Mass.
 Owns the capital stock of the Galveston
 Elec. Co. and Houston Elec. Co.,
 which companies do the entire electric
 railway and a portion of the electric
 lighting and power business in Galveston,
 and the entire electric railway
 business in Houston. Also owns capital
 stock of Galveston-Houston Elec. Ry.
 Co., and interurban electric railway
 operating between the cities of Galveston
 and Houston (50 miles). Power
 plants at Galveston, Houston and
 League City, tot. cap. 6582 kw.)
 Pres. Marshall M. Phinney, Boston, Mass.
 Sec. George A. Pierce....."
 Treas. Henry B. Sawyer....."
 Gen. Mgrs. Stone & Webster....."
 Dist. Mgr. Luke C. Bradley,
 1111 Scanlon Bldg., Houston.
 128

GREENVILLE. 10,099 (1916).

1109—Greenville Ry. & Lt. Co.—
 Office, Greenville. (Connects Green-
 ville and Peniel.) (Operated by
 Albert Emanuel Co., New York, N. Y.)
 Pres. & Gen. Mgr. Albert Emanuel,
 61 Broadway, New York, N. Y.
 Sec. W. F. Breidenbach..Dayton, Ohio
 Gen. Mgr. R. L. Easter....Greenville
 Energy purchased from City; trolley
 volt. 600 v.
 Repair shop at Greenville.
 Owns parks in Greenville.
 7 miles; 4-8½ g; 7 motor cars. ★29

1110—Mineral Heights St. Ry. Co.—
 Office, Greenville. (Successor to Wes-
 ley College Line.) (Extends from Min-
 eral Heights to city of Greenville; has
 operating right of way over about ½
 mile of Greenville Ry. & Lt. Co.'s
 track to business centre of Greenville.)
 Pres. J. A. Phillips.....Greenville
 V. Pres. & Gen. Mgr.
 W. T. Wright....."
 Sec. & Treas. J. M. Massay..."
 Energy purchased from Greenville Ry.
 & Lt. Co.
 2.5 miles; 4-8½ g; 1 motor pass. car.
 59

HOUSTON. 117,447 (1917).

1111—Houston Elec. Co.—Office, 106
 Texas Ave. (Operates the entire
 system of street railways of Houston,
 which includes Westmoreland R.R. Co.
 Connects Brunner, Harrisburg and
 Houston Heights with Houston.) (Con-
 trolled by Galveston-Houston Elec.
 Co.)
 Pres. M. M. Phinney,....Boston, Mass.
 V. Pres. & Dist. Mgr. Luke C. Bradley
 1111 Scanlon Bldg., Houston
 Sec. Hollis T. Gleason....Boston, Mass.
 Treas. H. B. Sawyer....."
 Ast. Treas. H. L. Harding...Houston
 Gen. Mgrs.
 Stone & Webster,.....Boston, Mass.

Local Mgr. David Daly.....Houston
 Pur. Agt. A. T. Kunz....."
 Claim Agt. Bert Gray....."
 Ch. Engr. J. F. Usener....."
 Engr. of Way, Frank Gardner..."
 M. M., F. J. Bennett....."
 Power sta. equip. 3 d. c. G. E. C-W,
 tot. 2100 kw; 3220 hp. e. Ham, Cor; 2260
 hp. b. Bab. & W; trolley volt. 600 v.
 Power sta. at cor. Commerce & Branch
 Sts; repair shop at Houston.
 Sub-sta. at Pierce Ave; equip. 2-500
 kw. motor-gen. sets; trans. volt. 33,000-
 2300 v; trolley volt. 600 v.
 76.648 miles; 4-8½ g; 160 motor pass.
 and 33 other cars. 78

1112—Westmoreland R. R. Co.—
 Office, Houston. (Operated by Hous-
 ton Elec. Co.) (Connects Houston and
 Bellaire.)
 Pres. W. W. Baldwin..Burlington, Ia.
 Sec. & Treas. Max Eggert....."
 Gen. Mgrs.
 Stone & Webster.....Boston, Mass.
 4 miles; 4-8½ g. 78

LAREDO. 15,749 (1916).

1113—Laredo Elec. & Ry. Co.—Office,
 1113 Farragut St., Laredo. (Operates
 in Laredo and interurban line connect-
 ing Laredo and Nuevo Laredo, Mex.)
 Pres. R. W. Morrison,
 Chemical Bldg., St. Louis, Mo.
 V. Pres. W. S. McCall..."
 Sec. H. E. Ellsworth.....San Antonio
 Treas. & Audr. E. H. Gorse,
 Chemical Bldg., St. Louis, Mo.
 Gen. Mgr. J. B. Morton.....Laredo
 Pur. Agt. Morrison & McCall,
 Chemical Bldg., St. Louis, Mo.
 Ch. Engr. Pwr. Sta. H. R. Mason, Laredo
 M. M., R. H. Breneke....."
 Engr. M. of W., Jose Campos...."
 Engr. Ovhd. Constr.
 Ben Hernandez....."
 Power sta. equip. 1 d. c. G. E. 50 kw.;
 5 a. c. G. E. West, W. E., C. W. tot.
 2050 kw. 2300 v. 3 ph. 60 cys; 3250
 hp. e. Snow, Ham, Cor. Rath, Ball; 1100
 hp. b. Keeler, Heine; trans. volt. 6600
 v; trolley volt. 600 v.
 Power sta. and repair shop at Laredo.
 3 miles; 4-8½ g; 6 motor pass. cars and
 1 other car. (Company does general lgt.
 business.) ★59

LONGVIEW. 5,155.

1114—Longview & Junction Ry.—
 (Connects Longview and Longview
 Junction.)
 Pres. Mrs. C. A. Foster.....Longview
 V. Pres. R. B. Levy.....Texarkana
 Sec. & Treas.
 Mrs. Mark K. Mottley....Longview
 Audr. W. B. McNaughton..."
 Mgr. & Pur. Agt. L. J. Everett. "
 M. M., W. M. Scroggins....."
 1 mile; 4-8½ g; 3 cars. 118

MARSHALL. 13,712 (1916).

1115—Marshall Trac. Co.—Office, 301
 No. Washington Ave. (Controlled
 through stock ownership by American
 Public Service Co., 49 Wall St., New
 York, N. Y.)
 Pres. C. H. Nandell.....Marshall
 V. Pres. & Gen. Mgr.
 A. Hardgraves.....Dallas
 Sec. E. S. Fry.....Marshall
 Audr. J. M. Dickie.....Abilene
 Pur. Agt. J. E. Meadors..."
 Ch. Engr. O. C. Wyatt.....Marshall
 Engr. Ovhd. Constr. H. M. Long"
 Energy purchased from Marshall Elec.
 Co.; 1 d. c. C-W. 125 kw; trolley volt.
 550 v.

Repair shop at W. Houston Ave.
Reaches Caven Park (owned by city).
4.5 miles; 4-8½ g; 5 motor pass. cars.
★59

McKINNEY. 4,714.
(See No. 1097.)

PARIS. 15,000.

1116—Paris Transit Co.—Gen. Office,
Interurban Bldg., Dallas; operating
office, Paris. (Controlled by the South-
western Pwr. & Lt. Co., which is in
turn controlled by Southwestern
Utilities Corpn.)
Pres. H. L. Baker..... Paris
V. Pres. & Gen. Mgr.
Walter N. Monroe..... "
Sec. & Treas. J. C. Thompson. Dallas
Energy purchased from Texas Power &
Lt. Co; trans. volt. 2300 v; trolley volt,
500 v.
5.5 miles; 4-8½ g; 8 motor and 1
other car. 118

PORT ARTHUR. 7,663 (1916).

1117—Pier Ry. Co.—Office, 1001
Schwind Bldg., Dayton, Ohio. (Oper-
ated under agreement by Port Arthur
Trac. Co.)
Pres. & Gen. Mgr.
C. H. Bosler..... Dayton, O.
V. Pres., Supt. & Pur. Agt.
H. M. Smith..... Port Arthur
Sec. E. C. Hanley..... Dayton, O.
Treas. S. Rufus Jones..... "
Audr. L. A. Bourgeois..... Port Arthur
M. M., H. E. Jones..... "
Energy purchased from Port Arthur
Lt. & Pwr. Co.; trans. and trolley volt.
600 v.
Repair shops at 7th & Houston Aves.
Reaches Pleasure Pier.
1 mile; 4-8½ g; 4 motor cars. ★59
1

1118—Port Arthur Trac. Co.—Loca
office, 7th and Houston Aves.; Main
office, 1001 Schwind Bldg., Dayton,
O. (Operates in Port Arthur; also Pier
Ry. Co.)
Pres. & Gen. Mgr.
Chas. H. Bosler..... Dayton, O.
V. Pres. C. W. Dale, "
503 Reibold Bldg., "
Sec. & Treas. S. M. Krohn "
702 Commercial Bldg., "
Audr. L. A. Bourgeois..... Port Arthur
Supt. & Pur. Agt. H. M. Smith "
Energy purchased.
Repair shops at 7th and Houston Aves.
7 miles; 4-8½ g; 13 motor and 8 trail
cars. ★59

SAN ANTONIO. 123,831 (1916).

1120—San Antonio, San Jose &
Medina Valley Interurban Ry.—
Office, 107 Ave. D. (Connects San An-
tonio and San Jose.)
Pres. & Gen. Mgr.
A. D. Powers..... San Antonio
V. Pres. E. O. Burton..... "
Sec. C. A. Newton..... "
Energy purchased from San Antonio
Public Service Co.
Reaches Swimming Pool and Public
Bath House.
5 miles; 4 g; 3 cars. (Operating auto-
mobiles; electric car service temporarily
discontinued.) 18†

1121—San Antonio Public Service
Co.—Office, 305 E. Houston St. (In
1917 acquired the properties of San An-
tonio Traction Co. and the San Antonio
Gas & Elec. Co.) (Controlled by Amer-
ican Lt. & Trac. Co.)
Pres. Emerson McMiflin,
120 B'way, New York, N. Y.

1st V. Pres. W. B. Tuttle.... San Antonio
2d V. Pres. A. P. Lathrop, New York, N. Y.
Sec. & Treas. R. C. Jones... San Antonio
Andr. Perry L. King..... "
Gen. Mgr. E. H. Kifer..... "
Claim Agt. Fred. J. Johnson..... "
Pur. Agt. Howard Henson... "
Supt. Geo. H. Cushman.... "
Consult. Engr.

H. C. Abell..... New York, N. Y.
Elec. Engr. & Supt. M. of W.
G. W. Smith..... San Antonio
Supt. Transp.
Capt. W. W. Holden..... "
Ch. Engr. Pwr. Sta. E. E. Hesse..... "
Actg. M. M., S. E. Mason... "
Engr. M. of W.,
A. M. Courtney..... "
Energy from power dept; trolley volt.
550 v.
Repair shop opp. San Pedro Springs
Park.
92 miles; 4 g; 161 motor pass., 54 trail
and 20 other cars. (Co. does general
ltg. & pwr. business.) ★59

TEMPLE. 13,504 (1916).

1122—Southwestern Traction Co.
—Office, Temple, Tex., Box 183. (Con-
nects Belton and Temple.)
Wm. J. Yeager..... Lewiston, Pa.
Owners: Calvin Green..... "
E. F. Downs..... Temple
Trustee & Pur. Agt. W. G. Haag..... "
Supt., M. M. & Engr. Ovhd. Constr. "
W. C. Foore..... "
Claim Agt. G. M. Felts..... Belton
Engr. M. of W. Alf. Pedigo..... Temple
Power sta. equip. 2 d. c. Stan. tot. 300
kw; 400 hp. e. Bates; 450 hp. b. Keeler;
energy also purchased; trolley volt. 575 v.
Power sta. and repair shop at Midway.
Owns Bell County Fair Grounds;
reaches Lake Polk Park.
13.1 miles; 4-8½ g; 9 motor pass., 2
trail pass., 1 fgt. mo. and 9 other cars;
1 elec. loco. ★59

TEXARKANA. 12,640 (1916).
(See No. 31.)

TEXAS CITY. 5,500 (1911).

1123—Texas City St. Ry. Co.—Office,
Texas City. (Operates within city
limits only. Through medium of gaso-
line motor cars, connection is made
with Galveston-Houston Elec. Co. at
Texas City Junction for Houston and
Galveston and intermediate points.
Also connects with ferry lines between
Texas City and Galveston.)
Pres. A. B. Wolvin..... Texas City
Sec. Harvey A. Thomas..... "
Mgr. & Pur. Agt. R. M. Orth..... "
Energy purchased from Texas City
Transportation Co.; trans. volt. 2200 v;
trolley volt. 550 v.
4 miles; 4-8½ g; 2 motor and 2 other
cars. Sold at auction by receiver to
Augustus Peabody of Peabody, Hough-
teling & Co., Chicago, Ill. ★79j

WACO. 33,385 (1916).
(See No. 1097.)

WAXAHACHIE. 6,205.
(See No. 1097.)

WICHITA FALLS. 12,124 (1916).

1124—Wichita Falls Trac. Co.—Office,
505 Kemp & Kell Bldg., Wichita Falls.
Pres. J. A. Kemp..... Wichita Falls
V. Pres. Frank Kell..... "
Sec. & Treas. C. Y. Tully..... "
Audr. Harold Murphy..... "
Gen. Mgr. & Pur. Agt.
L. L. Allbritton..... "
Claim Agt. A. W. Allen..... "

M. M., L. L. Hood Wichita Falls
 mgr. M. of W. Sam Woodward " "
 Energy purchased from Wichita Falls
 lec. Co.; trolley volt. 500 v.
 Repair shops at 1906 Ninth St.
 Owns and reaches Lake Wichita.
 10.5 miles; 4-8½ g; 24 motor pass,
 trail pass., 1 fgt. mo. and 2 fgt. cars.
 ★59

UTAH.

BRIGHAM. 3,685.

(See No. 1127.)

LOGAN. 7,522.

(See No. 1127.)

OGDEN. 31,404 (1916).

127—Utah-Idaho Central R. R. Co.
 —Office, 415 Eccles Bldg. (Successor
 to Ogden, Logan & Idaho Ry. Co.,
 which had acquired the Ogden Rapid
 Transit Co. and the Logan Rapid
 Transit Co.) (Extends from Ogden
 to Hermitage, Idlewild, Pineview,
 Huntsville, Harrisville, Farr West,
 Poplar, Plain City, Hot Springs,
 Nerya, Willard, Perry, Davis, Brig-
 ham, Calls Fort, Honeyville, Madsen,
 Dewey, Collinston, Beaver Dam,
 Summit, Petersboro, Mendon, Wells-
 ville, Hyrum, Millville, Providence,
 Logan, Greenville, Hyde Park, Smith-
 field, Mack, Richmond, Merrills,
 Sugarton, Kent, Quinney and Lew-
 iston, Utah; Fairview, Whitney and
 Preston, Idaho; includes all city lines
 in Ogden, Brigham, and Logan.
 Connections are made with the Bam-
 berger Elec. R. R. Co.)

Pres. M. S. Browning Ogden
 1st V. Pres. L. R. Eccles "
 2d V. Pres. Joseph Scroft "
 Sec. & Treas. Royce Eccles "
 Audr. P. H. Mulcahy "
 Gen. Mgr. & Pur. Agt.
 W. A. Whitney "
 Asst. to Gen. Mgr. C. F. Muller "
 Interurban Trainmaster
 D. S. Clark "
 City Trainmaster G. W. Mills "
 Traffic Mgr. J. W. Ellingson "
 Ch. Engr. H. C. Errett "
 Supt. M. P., G. W. Shaver "
 Roadmaster (Interurban & City)
 Wm. Corlis "

Energy purchased from Utah Pwr. &
 Lt. Co; 5 d. c. G. E., W. E. tot. 2300 kw;
 trans. volt. 44,000 v; trolley volt. 650-
 1500 v.

Sub-stas. at Ogden, Smithfield, Hot
 Springs and Dewey tot. cap. 3300 kw;
 repair shops at Ogden and Preston,
 Idaho.

Reaches Lorain, Farr Park, Hermitage,
 Idlewild, Plainview and Hot Springs
 Sanitarium.

137 miles (d. c. & catenary); 4-8½ g;
 18 motor, 111 other cars exclusive of
 street cars; 6 elec. locos. ★59

PROVO. 10,645 (1916).

(See No. 1130.)

SALT LAKE CITY. 110,000 (Est.1914).

**1128—Salt Lake, Garfield & Western
 Ry. Co.**—Office, 1018 Kearns Bldg.,
 Salt Lake City. (Operates by steam
 and extends from Salt Lake City to
 Great Salt Lake and Saltair Beach,
 a distance of 15 miles; electrification
 of system is in course of construction
 and line will be extended to Garfield,
 making a total route mileage of 20.)
 Pres. & Gen. Mgr.

Joseph Nelson Salt Lake City
 V. Pres. Arthur Winter "
 Sec. & Treas. Joel Richards "
 Supt. LeGrand Young, Jr. "
 Claim Agt. F. E. Hansen "

M. M., George Little Chicago, Ill.
 Engr. Maint. of Way
 O. Rassmussen "
 Energy purchased from Utah Power
 & Light Co., trans. volt. 44,000 v. 3 ph;
 trolley volt. 1500 v. d. c.
 2 automatic sub-stas. tot. cap. 1200
 kw; 2-mo. gen. sets.
 Repair shops at Salt Lake City.
 Reaches Saltair Beach (owned).
 20 miles; 4-8½ g; 6 motor pass.,
 18 trail pass., 3 fgt. and 2 other cars.
 (The use of steam locos for freight service
 will be continued.) ★59

1129—Bamberger Elec. R. R. Co.—
 Office, Elec. Ry. Bldg. (Successor to
 Salt Lake & Ogden Ry. Co.) (Connects
 Salt Lake City, North Salt Lake, Boun-
 tiful, Centreville, Farmington, Kays-
 ville, Layton, Clearfield, Sunset, Roy,
 Orchard and Ogden. Connects with
 the Utah & Idaho Central R. R. Co.
 at Ogden and the Salt Lake & Utah
 R. R. Co. at Salt Lake City, also all
 diverting steam railroads.)

Pres. & Gen. Mgr.
 Julian M. Bamberger . . Salt Lake City
 V. Pres. J. B. Bean "
 Secy. E. A. Vail "
 Treas. Simon Bamberger "
 Audr. W. E. Jones "
 Gen. Fgt. & Pass. Agt.
 R. B. Needham "
 Pur. Agt. Glenn H. Allen "
 Gen. Supt. N. S. Wiltsie "
 Elecl. Engr. L. Wilson "
 M. M., M. L. Allen "
 Shops Geo. A. Davis "
 Foremen
 Ovhd. Constr.

Chas. M. Stayner . . Ogden
 Roadmaster M. H. Malwitz "
 Energy purchased from Utah Pwr. &
 Lt. Co.; trans. volt. 44,000 v; trolley volt.
 750 v. d. c.
 4 sub-stas. tot. cap. 2800 kw; 7 mo.
 gen. sets.
 Repair shops at North Salt Lake.
 Reaches Lagoon Park (controlled).
 70 miles; 4-8½ g; 13 motor pass., 9
 trail pass., 8 exp., 76 fgt. cars and 1 other
 motor car; 3 elec. locos. ★59

1130—Salt Lake & Utah R. R. Co.—
 Office, 222 So. West Temple St., Salt
 Lake City. (Connects Salt Lake City,
 Lehi, American Fork, Provo, Spanish
 Fork, Payson and Magna; also operates
 local line in Provo.)

Pres. & Gen. Mgr.
 W. C. Orem Salt Lake City
 V. { Jas. G. Berryhill Berkeley, Cal.
 Gen. Atty.
 Prests. Henry I. Moore, Salt Lake City
 Sec. & Treas. F. M. Orem "
 Audr. J. R. Brown "
 Supt. & Ch. Engr. J. R. Ellis "
 Pur. Agt. R. M. Mitchell "
 Claim Agt. Edward L. Howell "
 Traffic Mgr. Ross Beason "
 Gen. Fgt. & Pass. Agt.
 W. L. White "
 Signal Engr. W. A. Hollien "
 Ch. Engr. Pwr. Sta. & Engr.

Ovhd. Constr. W. P. Morford . . Payson
 Elec. & Mech. Engr.
 Leonard Wilson Salt Lake City
 Roadmaster W. I. Williams Provo
 Energy purchased from Utah Pwr. &
 Lt. Co. at 44,000 v. and transformed in 4
 sub-stations to 1500 v. for use on trolley
 direct; 12 rot. conv. West. tot. 3000 kw.
 750-1500 v; 12 transf. West. tot. 1800
 kva. 44,000 v. 3 ph. 60 cvs.
 Sub-stas. at Granger, Lindon, Spring-
 ville and Bringhurst.
 75 miles (catenary); 4-8½ g; 11 elec.
 motor pass., 1 gasoline motor pass., 2
 elec. motor freight and 65 other cars; 2
 elec. locos. ★59

1131—Utah Lt. & Trac. Co.—(Consolidation of Utah Lt. & Ry. Co. and Salt Lake Lt. & Trac. Co.) C(onnects Salt Lake City with Murray, Sandy, Midvale, Bountiful, Centerville and Holliday.) (Electric light, and power and gas properties leased to and operated by Utah Power & Lt. Co.)
 Pres. C. W. Whitley... Salt Lake City
 V. Prests. { S. R. Inch... "
 { O. J. Salisbury... "
 { C. E. Groesbeck... "
 { D. F. McGee, New York, N. Y.
 Sec. & Treas.
 W. E. Blodgett... Salt Lake City
 Asst. { S. A. Whitney... "
 Secs. { L. W. Osborne... New York, N. Y.
 Asst. { E. P. Summerson... "
 Treasrs. { E. O. Howard... "
 Mgr. H. F. Dicke... Salt Lake City
 Traffic Supt.
 Geo. W. Manning... "
 Claim Agt. Frank E. Hanson... "
 Pur. Agt. A. D. Smith... "
 Ch. Engr. L. L. Dagon... "
 M. M., E. E. Franklin... "
 Energy from Utah Pwr. & Lt. Co.; repair shop at Salt Lake City.
 Reaches "Wandamere" Liberty Park, Bonneville Park, Pioneer Park, Fort Douglas and Beck's Hot Springs.
 146.12 miles; 4-8½ g; 165 motor pass., 10 trail pass. and 42 other cars; 4 elec. locos. ★59

VERMONT

BARRE. 12,160 (1916.)

(See No. 1137.)

BELLOWS FALLS. 4,883.

1132—Bellows Falls & Saxton's River St. Ry. Co.
 Pres.
 D. A. Blakeslee... New Haven, Conn.
 Sec. Geo. A. Weston... Bellows Falls
 Treas.
 S. C. Morehouse... New Haven, Conn.
 Mgr. & Pur. Agt.
 W. J. Sanford... Bellows Falls
 M. M., S. Knapp... Gageville
 Roadmaster, P. M. Wooley. Bellows Falls
 Energy purchased from Fall Mtn. Elec. Lt. & Pwr. Co; 2 rot. G. E. tot. 300 kw. 600 v. 3 ph. 60 cys; trans. volt. 2300 v; trolley volt. 600 v.
 Repair shops at Westminster St.
 Owns and controls Barbers Park.
 7.5 miles; 4-8½ g; 11 motor and 3 fgt. cars. 79

BENNINGTON. 6,211.

(See also No. 650.)

1133—The Vermont Co.—Office, 129 Church St., New Haven, Conn. (Acquired the part of the Bennington & North Adams St. Ry. Co. located within the State of Vermont. The part of the Bennington & North Adams St. Ry. Co. located in the State of New York was acquired by the Hoosick Falls R. R. Co. Connects Bennington and Pownal, Vt., and Bennington and No. Adams, Mass. (Controlled by the New York, New Haven & Hartford R. R. Co.) (Leases the Hoosick Falls R. R. Co., and is itself leased for ninety-nine years from Feb. 1, 1911, to the Berkshire St. Ry. Co.)
 Pres. Howard Elliott. New Haven, Conn.
 V. Pres. L. S. Storrs.
 Treas. R. E. Healy... Bennington
 Audr. I. A. May... New Haven, Conn.
 Gen. Mgr.
 O. Q. Richmond... Pittsfield, Mass.
 20.461 miles; 4-8½ g. 118

BRATTLEBORO. 6,517.

1134—Twin State Gas & Elec. Co. (Brattleboro Div.)—Office, 180 Main St. Gen. Office, 55 Congress St., Boston, Mass. (Absorbed Brattleboro St. Ry. Co. and owns Berwick & Salmon Falls Elec. Co.) (Connects Brattleboro, Centerville & W. Brattleboro.) (A subsidiary of Middle West Utilities Co.)
 Pres. Sam'l Insull... Chicago, Ill.
 V. Pres. Howard L. Olds... Boston, Mass.
 Sec. & Audr. H. L. Harris, Brattleboro.
 Treas. C. A. Forrest... Boston, Mass.
 Asst. Sec. & Asst. Treas.
 J. F. Reilly... New York, N. Y.
 Mgr. W. H. Richardson... Boston, Mass.
 M. M., P. R. Stockwell... Brattleboro
 Power stas. equip. 1 d. c. West. 290 kw. 550 v; a. c. Stan. 300 kw. 11,000 v. 3 ph. 60 cys; 865 hp. turb. (wtr.) Smith, Hunt; energy also purchased from Connecticut River Pwr. Co.; trans. volt. 11,000 v; trolley volt. 550 v.
 Power sta. at West Dummerston; repair shops at Brattleboro.
 5.5 miles; 4-8½ g; 7 motor pass. cars (Company does elec. and gas lighting.) ★26

BURLINGTON. 21,617 (1916.)

1135—Burlington Traction Co.—Office, cor. Church and Main Sts. (Controls Military Post. St. R. R.) (Connects Burlington, Essex Junction and Winooski.)
 Pres. Elias Lyman... Burlington
 V. Pres. & Treas. John J. Flynn... "
 Sec. C. W. Brownell... "
 Supt. & Pur. Agt. T. B. Jones... "
 Asst. Supt. H. D. Hindes... "
 Elec. & Ch. Engr. R. Whalen... "
 Fmn. Pwr. Sta. Bert Shaw... "
 Power sta. equip. 2 a. c. West. tot. 1500 kw. 2400 v. 3 ph. 60 cys; 1900 hp. turb. (wtr.) Hol; trans. volt. 22,000 v; trolley volt. 600 v.
 Power sta. at Vergennes; repair shops at Burlington.
 Reaches Queen City and Ethan Allen Parks.
 12 miles; 4-8½ g; 40 motor cars. (Co. sells energy for ltg. at Shelburne and Vergennes.) ★59

1136—Military Post St. R. R.—Office, Cor. Church & Main Sts. (Controlled by Burlington Trac. Co., which see for officers.)
 Energy from Burlington Trac. Co.
 5 miles; 4-8½ g; 6 cars, 1 snow plow. 59

MONTPELIER. 7,856.

1137—Barre & Montpelier Trac. & Power Co.—Office, Montpelier, P. O. Box 377. (Connects Barre and Montpelier.)
 Pres. H. T. Sands... 201 Devonshire St., Boston, Mass.
 V. Prests. { A. B. Tenney... "
 { D. E. Manson... "
 Treas. E. A. Bradley... "
 Audr. H. A. Gidney... "
 Mgr. H. D. Larrabee... Montpelier
 Supt. W. F. Corry... "
 Energy purchased rom Montpelier & Barre Lt. & Pwr. Co.; 2 d. c. G. E. tot. 450 kw; trolley volt. 575 v.
 1 sub-sta. cap. 450 kw; 2 mo. gen. sets (1-250 kw. & 1-200 kw.)
 Repair shop at Montpelier.
 Reaches and owns Dewey Park and Suter City Park.
 10.25 miles; 4-8½ g; 14 motor pass. and 2 other motor cars; 1 other car. 118

RUTLAND. 14,831 (1916.)

1138—Rutland Ry., Lt. & Pwr. Co.—Office, 28 Center St. (Connects Rutland, West Rutland, Castleton, Hyde-

ville, Fair Haven and Poultney. (Under management of W. S. Barstow Management Assn., Inc., and controlled by General Gas & Elec. Co.)
 Pres. Wm. S. Barstow
 50 Pine St., New York, N. Y.
 Pres. & Gen. Mgr.
 F. S. Nicholson..... Rutland
 Sec. & Treas. H. L. Hansen..... "
 Pur. Agt. F. C. Rose
 50 Pine St., New York, N. Y.
 Supt. of Elec. Dept.
 W. O. Minard..... Rutland
 Supt. Ry. Dept. J. M. Eveleth.. "
 Supt. Gas Dept. W. H. Lawson.. "
 M. M., Thos. Roach..... "
 Power sta. equip. 2 d. c. G. E. tot. 300 kw; 5 a. c. G. E. West. tot. 2530 kw. 2300 and 13,200 v. 3 ph. 25 and 60 cys; 1600 hp. wtr. turb. Smith; energy also purchased from Vermont Marble Co. and Colonial Pwr. & Lt. Co; trans. volt. 2300-13,500-44,000 v; trolley volt. 600 v.
 5 sub-stas. tot. cap. 5935 kw; 3 rot. conv; 1 mo. gen. set.
 Power sta. at Mendon (no P. O.); repair shop at Rutland.
 28.3 miles; 4-8½ g; 27 mo. pass., 1 fgt. mo. and 8 fgt. cars without motors; 2 elec. locos. (Co. does general ltg. & pwr. business in Rutland.) ★69

ST. ALBANS. 6,381.

1139—St. Albans & Swanton Trac. Co.—Office, 82 No. Main St., St. Albans. (Connects Swanton, S. Albans and St. Albans Bay.
 Pres. John W. Ogden, Malden, Mass.
 V. Pres. Fuller C. Smith.... St. Albans
 Sec. A. G. Auger,
 48 Hanover St., Boston, Mass.
 Treas. & Audr.
 Walter R. Dame..... Clinton, Mass.
 Supt. & Elec. Engr.
 A. W. Peterson..... St. Albans
 Claim Agt. C. E. Johnson.... "
 Ch. Engr. Pwr. Sta.
 E. C. Bickford..... "
 Engr. M. of W.
 Bernard Delligan..... "
 Energy purchased from Public Elec. Lt. Co.; trolley volt. 550 v.
 Repair shop at St. Albans.
 Reaches St. Albans Bay Park (owned).
 13.333 miles; 4-8½ g; 10 motor and 2 other cars. ★59

SPRINGFIELD. 5,383 (1914).

1140—Springfield Elec. Ry. Co.—Office, Springfield. (Leases the Springfield Elec. Ry. Co., Charlestown, N. H. Connects Springfield, Vt., and Charlestown, N. H.)
 Receiver,
 Pres. & Mgr. E. C. Crosby.. Brattleboro
 V. Pres. M. A. Coolidge, Fitchburg, Mass.
 Treas. & Record.
 H. H. Blanchard..... Springfield
 Sec. & Supt. A. J. Crosby..... "
 Audr. F. S. Pratt..... Brattleboro
 Elec. Engr. J. P. Niles..... Springfield
 Engr. Maint. of Way
 Wm. Scott..... "
 Power sta. equip. 5 d. c. G. E. tot. 675 kw; 500 hp. e.—; 450 hp. b.—; 2 wtr. turb; also stor. bat; trolley volt. 550 v.
 Power sta. at Gould's Mills; repair shop at Mineral St.
 9 miles; 4-8½ g; 9 motor and 2 other cars. (Also carries freight.) ★19

STOWE. 566.

1141—Mt. Mansfield Elec. R. R. Co.—Office, Stowe. (Connects Waterbury and Stowe.)
 Pres. A. H. Soden
 150 Oliver St., Boston, Mass.
 V. Pres., Gen. Mgr., Supt., Pur. & Claim Agt. C. E. Burt..... Stowe

Sec. & Audr. L. C. Moody.. Montpelier
 Treas., Gen. Fgt. & Pass.
 & Pur. Agt. W. B. Macutchan.. Stowe
 Ch. Engr. H. Melvin..... "
 Engr. M. of W., A. B. Alger..... "
 Energy purchased from Morrisville Elec. Co.; trans. volt. 11,000 v; trolley volt. 600 v.
 Sub-sta. and repair shop at Stowe.
 Reaches Palisades Park.
 11.25 miles; 4-8½ g; 3 motor pass., 2 fgt. motor cars and 1 fgt. car without motor. ★79

VIRGINIA

ALEXANDRIA. 17,846 (1919).
 (See Nos. 118, 120 and 121.)

BERKLEY. 4,988.

1142—Virginia Ry. & Pwr. Co.—(Berkley St. Ry. Div.) (Connects Norfolk and Berkley.) For officers see Richmond.
 Energy from Norfolk; trolley volt. 575 v.
 Reaches Lakeside Park, South Norfolk and Money Pt.
 15.22 miles; 4-8½ g. 59

CHARLOTTESVILLE.

6,765 (1915).

1143—Charlottesville & Albemarle Ry. Co.
 Pres. Norman James... Baltimore, Md.
 V. Pres. Gen. Mgr. & Pur. Agt.
 John L. Livers..... Charlottesville
 Sec. & Treas. & Audr.
 W. M. Morton..... "
 Supt. C. L. Carter..... "
 Gen. Fgt. & Pass. Agt.
 R. H. Fife..... "
 Ch. Engr. T. B. Davis..... "
 Power sta. equip. 2 a. c. turbo-gen. G. E. tot. 1500 kw. 2300 v. 3 ph. 60 cys; 800 hp. b. B. & W.; 2-1500 kw. stm. turb. G. E.; trans. volt 2300 v; trolley volt. 575 v.
 1 sub-sta. cap. 400 kw; 2 rot. conv.
 Power sta. at Rivanna River, east of Charlottesville, Va.; repair shops at Charlottesville.
 Reaches and owns Jefferson Park.
 3.5 miles; 4-8½ g; 11 motor cars and 1 other car. (Company furnishes energy for lighting and power.) 59

DANVILLE. 20,021.

1144—Danville Trac. & Pwr. Co.—Office, 302 Main St., Danville. (Connects Danville and Schoolfield.)
 Pres. J. F. Rison..... Danville
 V. Pres. R. A. James..... "
 Sec. & Treas. H. S. Lanier..... "
 Gen. Supt. & Pur. Agt.
 N. W. Berkeley..... "
 Ch. Engr., Elec., M. M. & Engr.
 Ovh. Constr. J. M. King..... "
 Power sta. equip. 6 d. c. G. E., T. H., Edison tot. 724 kw; 950 hp. e. B. & W. Erie, Weth; 450 hp. b. A. & T.; trolley volt. 550 v.
 Power sta. at River St., Danville; repair shops at So. Main St., Danville.
 9.15 miles; 4-8½ g; 20 motor and 2 trail cars. 59

GRAHAM. 1,917.

(See No. 1182.)

HAMPTON. 5,505.

1145—Newport News & Hampton Ry., Gas & Elec. Co.—Office, Hampton. (Consolidation of the Newport News & Old Point Ry. & Elec. Co., Citizens Ry., Lt. & Pwr. Co., Hampton Roads Traction Co., Newport News Gas Co. and Hampton, Phoebus & Ft. Munroe Gas Corpn.) (Connects

Newport News, Hampton, Phoebus, Fort Munroe, Hilton Village and Langley Field, (Under management of Peck, Shannahan & Cherry, Inc., Syracuse, N. Y.)
 Pres. J. N. Shannahan Hampton
 V. Pres. & Gen. Mgr. E. F. Peck
 Sec. & Treas. R. M. Booker
 Pur. Agt. W. Stewart
 Audr. G. H. Caskey
 Supt. B. J. Megginson
 Gen. Fgt. & Pass. Agt. Thorntn F. Jones
 Ch. Engr. N. E. Drexler
 Elec. Engr. F. B. Lawton, Newport News
 Ch. Engr. Pwr. Sta. A. E. Stierly Hampton
 Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 11,800 kw. 3450 v. 3 ph. 60 cys; 4232 hp. b. Bab. & W; 10,300 kw. stm. turb. G. E.; trans. volt. 10,000 v; trolley volt. 600 v.
 1 sub-sta. cap. 1500 kw., 3 rot. conv. Power sta. and repair shops at Hampton.
 Company reaches Buckroe Beach (owned).
 51.25 miles; 4-8½ g; 63 motor pass., 34 trail pass., 14 exp. motor, 1 fgt. and 30 other cars; 1 elec. loco. (Company does general ltg., pwr. & gas business.) ★59

HOPEWELL. 12,000 (1916).
 (See No. 1151.)

LYNCHBURG. 32,940 (1916).

1146—Lynchburg Traction & Light Co.—Office, 723 Main St. (Controlled by American Rys. Co.)
 Pres. Van Horn Ely, Philadelphia, Pa. V. [H. J. Crowley.
 Prests. C. L. S. Tingley
 Sec. & Treas. Walter W. Perkins
 Audr. F. J. Pryor, Jr.
 Gen. Mgr. J. W. Hancock, Lynchburg
 Pur. Agt. G. C. Weirick, Philadelphia, Pa.
 Supt. Ry. Dept. & Claim Agt. D. C. Frost, Lynchburg
 Elec. Engr. W. G. Claytor, Roanoke &
 Ch. Engr. Pwr. Stas. E. C. Barnes
 Engr. Way & Structures Elmer E. Barnard
 Power sta. equip. 2 d. c. G. E. tot. 450 kw; 4 a. c. G. E. tot. 4250 kw. 13,200-2300 v. 3 ph. 60 cys; 700 hp. e. Ball & Wood; 1400 hp. b. A. & T., Bab. & W; 1500 kw. (stm.) turb. G. E.; 4100 hp. (wtr.) turb. S. M. Smith; trans. volt. 13,200-2300 v; trolley volt. 550 v.
 Power stas. at Lynchburg and Reusens; repair shops at Lynchburg.
 Owns Rivermont Park.
 18.88 miles; 4-8½ g; 42 motor cars. (Company furnishes energy for lighting and operates gas plant.) 59

NEWPORT NEWS. 20,562.
 (See No. 1145.)

NORFOLK. 89,612 (1916).

1149—Norfolk Southern Railroad—Office, Terminal Sta. Bldg., Norfolk, Va. (Elec. Div. connects Norfolk, Cape Henry and Virginia Beach.)
 Federal Mgr. M. S. Hawkins, Norfolk
 Federal Treas. M. Manly
 Federal Audr. J. A. Winslow
 Pres. R. H. Swartwout, New York, N. Y.
 V. Pres. C. I. Millard, Norfolk
 Sec. & Audr. J. C. Nelms, Jr.
 Asst. Sec. G. E. Christie, New York, N. Y.
 Pur. Agt. L. M. Jones, Norfolk
 Gen. Solicitor, V
 Supt. Transp. C
 Gen. Supt. L. E

Trainmaster B. C. Leach, Norfolk
 Traffic Mgr. E. D. Kyle
 Gen. Claim Agt. J. H. Barrett
 Ch. Engr. F. L. Nicholson
 Ch. Engr. Pwr. Sta. A. Pearce
 M. M., W. C. Alley
 Supt. M. of W., John Dwyer
 Roadmaster, R. J. Green
 Power sta. equip.: 1 d. c. G. E. 400 kw; 1 a. c. G. E. 1000 kw. 13,200 v. 3 ph. 25 cys; 2000 hp. e. Allis-C. Weth; 1400 hp. b. Bab. & W, A. & T; 1000 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 575 v.
 3 sub-stas. tot. cap. 2200 kw.; 6 rot. conv.
 Power sta. at Bayville (No P. O.); repair shops at Berkley and Norfolk.
 Reaches Virginia Beach, Cape Henry. 47 miles; 4-8½ g; 16 motor pass., 22 trail, 2 exp. mot. cars, 1 fgt. and 1 other car; 2 elec. locos. (Co. lgt. Virginia Beach.) ★69

1150—Virginia Railway & Power Co.—(Leases Norfolk Ry. & Lt. Co.) (Connects Berkley, Ocean View, Pine Beach, Old Point, Newport News, Norfolk and Portsmouth.) For general officers, see Richmond.
 Asst. Gen. Mgr. T. Norman Jones, Norfolk
 Asst. Sec. A. E. Dickson
 Supt. Distribn. W. T. Crofton
 Ch. Engr. J. P. Keeney
 Elec. Engr. J. C. Stephens
 Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 35,000 kw. 11,000-2300 v. 3 ph. 60 cys; 8224 hp. b. Bab. & W; trans. volt. 11,000 v; trolley volt. 575 v.
 Power sta. Reeves Ave., Norfolk; repair shops at Norfolk.
 Reaches Ocean View, 8 miles from Norfolk.
 84,425 miles; 5-2 g. & 4-8½ g; 122 motor and 60 other cars. ★59

PETERSBURG. 25,582 (1916).
 (See also No. 1156.)

1151—Petersburg-Hopewell & City Point Ry. Co.—Address, P. O. Box 320. (Merger of the Petersburg & Appomattox Ry. and Hopewell & City Point Ry. Cos.) (Connects Petersburg and Hopewell and Hopewell and City Point.)
 Pres. J. L. Vaughn, Shawsville
 V. Pres. Wm. A. Finn, Petersburg
 Sec. & Treas. S. C. Snead, Shawsville
 Gen. Counsel S. W. Zimmer, Petersburg
 Gen. Mgr. J. A. Baird
 Supts. J. T. Blackwell, E. L. Rock
 Roadmaster, W. H. Wiggs
 Energy purchased from Virginia Lt. & Pwr. Co; 4 rot. conv. West. tot. 1200 kw. trans. volt. 13,000 v; trolley volt. 550 v.
 Repair shops, Blandford nr. Petersburg.
 Reaches Lakemont Park, owned by Lakemont Amusement Co. Lines extended to Camp Lee.
 18 miles; 4-8½ g; 24 motor pass. cars and 1 motor work car. (Co. supplies energy for lighting in City of Hopewell.) 69

PORTSMOUTH. 39,651 (1916).

1152—Virginia Railway & Power Co.—See Richmond for general officers, etc.
 Local Supt. E. A. Bishop, Portsmouth
 Energy from Norfolk; trans. volt. 11,000 v; trolley volt. 575 v.
 26.1 miles; 4-8½ g; 36 motor and 3 other cars. 59

RADFORD. 4,202.

1153—Radford Water Pwr. Co.—
Office, 98 First St. (Consolidation of Radford Elec. Lt. & Pwr. Co., Radford St. Ry. Co., and Radford Water (Works). Connects Radford and East Radford.)

Pres. J. J. Mott.....Radford
Sec. James Mott....."
Treas. H. P. Anderson....."
Gen. Mgr. & Pur. Agt.
C. C. Dunlap....."

Power sta. equip. 2 d. c. West. tot. 250 kw; 1 a. c. West. 315 kva. 2200 v. 2 ph. 60 cys; 150 hp. e; 150 hp. b;—hp. turb. (wtr.) Morgan Smith; trans. volt. 2,200 v.

Power sta. on Little River, 5½ miles from Radford; repair shop, at Radford. 2.63 miles; 4-8½ g; 3 motor cars and 1 other car. (Company furnishes energy for lighting.) 118

RICHMOND. 156,687 (1916).

(See No. 1012.)

1156—Virginia Ry. & Power Co.—

Office, 7th and Franklin Sts. (On July 1, 1911, this company (successor to Virginia Pass. & Pwr. Co., which controlled Richmond Pass. & Pwr. Co., Richmond Trac. Co. and Richmond & Petersburg. Elec. Ry. Co.), purchased and merged with the Norfolk & Portsmouth Trac. Co. and controlled properties. Owns and operates properties at Norfolk, Petersburg, Portsmouth and Suffolk, Va. On June 30, 1916, purchased and merged with Richmond Ry. & Viaduct Co., connecting Church Hill, Fulton and Richmond proper.)

Pres. T. S. Wheelwright.....Richmond
Fritz Sitterding....."
V. Gen. Counsel,
E. R. Williams....."
Prests. Gen. Mgr.
C. B. Buchanan....."
Sec. & Treas. Geo. B. Williams....."
Asst. Sec. & Asst. Treas.

Geo. H. Taylor, 149 Broadway,
New York, N. Y.
Gen. Audr. W. J. Kehl.....Richmond
Asst. Gen. Mgr.
T. Norman Jones.....Norfolk
Pur. Agt. C. C. Johnson.....Richmond
Gen. Supt. Lt. & Pwr.
J. E. Harvell....."
Gen. Claim Agt. F. W. Mulford....."
Mech. & Elec. Engr. W. C. Bell....."
Supt. Roll. Stk. A. Taurman....."

RICHMOND DIV. RY. DEPT.

Supt. Schedules & Inspection
H. Pollard....."
Supt. Rich. Div.
H. L. Smith....."
Ry. Lines So. Rich. & Int. Div.
W. F. Bryce....."
M. M., W. J. Hicks....."
Engr. M. of W., J. M. Penick....."

RICHMOND DIV. LT. & PWR. DEPT.

Supt. Distrib. & Install.
J. H. Stribling.....Richmond
Ch. Engr. Pwr. Sta.
W. O. Randlett....."

NORFOLK DIV. RY. DEPT.

Ch. Engr. E. S. Ely.....Norfolk
Supt. Transp. E. A. Bishop....."
M. M., T. W. Madison....."
Ch. Engr. Pwr. Plant & Substa.
J. P. Keeney....."

PETERSBURG DIV.

Supt. Ry. Lt. & Pwr.
J. F. Pond.....Petersburg

SUFFOLK DIV.

Supt. R. J. Brinkley.....Suffolk

Power sta. equip. 10 d. c. G. E. tot. 6600 kw; 9 a. c. G. E. Allis-C. West. tot. 22,150 kw. 2300 v. 3 ph. 60 cys; 11,400 hp. b. Bab. & W; 37,250 kw. stm. turb. G. E. West. Allis-C; 12,000 hp. wtr. wh. Smith, Lef, Hol; trans. volt. 100,000 v; trolley volt. 550 v.

Power sta. at Richmond, Norfolk, Petersburg, Portsmouth and Suffolk; repair shops at Richmond, Petersburg, Norfolk and Portsmouth.

Owns and reaches Ferndale, Ocean View, Forest Hill, William Byrd, Jefferson, Chimborazo and Capitol Square Parks.

361.73 miles; 4-8½ g; 506 pass. and 48 service cars. (Company does general lighting and power business.) ★59

ROANOKE. 43,284 (1916).

(See also No. 1183.)

1157—Mill Mountain Incline, Inc.

—Office, Hammond Bldg., Roanoke.
Pres. W. P. Henritze.....Roanoke
Sec. & Treas. John C. Wallace....."

Energy purchased.
Reaches summit of Mill Mountain. 2,000 ft.; 4-8½ g; 2 cars. ★59

1158—Roanoke Ry. & Elec. Co.—

Office, 129-131 E. Campbell Ave. (Connects Roanoke, Salem and Vinton.) (Controlled by the Roanoke Trac. & Lt. Co., which in turn is controlled by American Rys. Co.)

Pres. Van Horn Ely.....Philadelphia, Pa.
1st V. Pres. H. J. Crowley....."
2nd V. Pres. C. L. S. Tingley....."
Sec. & Treas. Walter W. Perkins....."
Gen. Mgr. J. W. Hancock.....Roanoke
Supt. Transp. & Claim Agt.

W. H. Horn....."
Supt. Equip. W. T. Bush....."
Pur. Agt. G. C. Weirick, Philadelphia, Pa.
Elec. Engr. W. G. Claytor.....Roanoke
Ch. Engr. Pwr. Sta.

C. C. Hogshead....."
Engr. Way & Structures
Elmer E. Barnard....."

Power sta. equip. 8 a. c. G. E. tot. 7625 kw. 2300 v. 3 ph. 60 cys; 2048 hp. b. Bab. & W. Root; 5000 hp. stm. turb. G. E.; 3000 hp. wtr. turb. Platt; trans. volt. 11,000 v; trolley volt. 600 v; energy also purchased from Appalachian Pwr. Co.

Power sta. (water) and repair shop at Roanoke.

Owns Mountain Park. 29.85 miles; 4-8½ g; 41 motor and 4 other cars. (Company does lighting.) 59

STAUNTON. 11,654 (1916).

1159—Shenandoah Traction Co.—

(formerly Blue Ridge Lt. & Pwr. Co.)
Office, Greenville Ave. (Operates in Staunton only.)

Pres. Pur. Agt. & Gen. Mgr.
John H. Adams.....Staunton
V. Pres. S. D. Timberlake, Jr....."
Sec. R. E. R. Nelson....."
Treas. M. O'Donnell....."
Supt. John T. Cole....."

Energy purchased from Staunton Ltg. Co.; trolley volt. 550 v.

Repair shops at Greenville Ave. Reaches Highland Park (owned). 5.5 miles; 4-8½ g; 10 motor pass. cars and 1 other motor car. ★59

SUFFOLK. 7,008.

(See No. 1156.)

TAZEWELL. 1,230.

1160—Tazewell St. Ry. Co.—(Connects Tazewell and North Tazewell.)

Pres. J. Edw. Peery.....Tazewell
V. Pres. J. E. Jackson....."
Sec. & Treas. W. T. Gillespie....."
Gen. Mgr. & Pur. Agt.
C. D. Larimer....."

Power sta. equip. 2 d. c. West. Allis C. tot. 260 kw; 2 a. c. Warren, tot. 180 kw. s. ph. 133 cys; 375 hp. e. H. & T. Allis C; 450 hp. b. W. & W; trans. volt. 2200 v. trolley volt. 550 v; energy also purchased from the Tazewell Elec. Lt. & Pwr. Co. 2 miles; 4-8½ g; 3 cars. 118

WASHINGTON.

ABERDEEN. 20,334 (1916).

1161—Gray's Harbor Ry. & Lt. Co.
—Office, 106 E. Huron St. (Absorbed the Gray's Harbor Elec. Co.) (Connects Aberdeen, Hoquiam and Cosmopolis.) (Controlled by Federal Lt. & Trac. Co.)

Pres. E. N. Sanderson
60 Broadway, New York, N. Y.
V. Pres. J. B. Bridges.....Aberdeen
Sec. & Mgr. P. A. Bertrand....
Treas. J. Dunhill

60 Broadway, New York, N. Y.
Asst. Sec. & Asst. Treas.

A. E. Rogers.....Aberdeen
Supt. C. H. Nelson.....
Engr. Pwr. Sta. H. A. Bradner. "

Power sta. equip. 3 a. c. turbo-gen. West. G. E. tot. 2400 kw. 2300 v. 3 ph. 60 cys; 1600 hp. b. Bab. & W; trans. volt. 2400 v; trolley volt. 550 v.

Power stas. and repair shops at Aberdeen.

Owens Electric Park.
11 miles; 4-8½ g; 29 cars. (Company does a general ltg. and pwr. business.) ★59

BELLINGHAM. 32,985 (1916).

1163—Pacific Northwest Trac. Co.
(Northern Div.)—(Connects Bellingham, Blanchard, Burlington, Mt. Vernon and Sedro Woolley.) For executive officers see Seattle.

Asst. Treas. J. C. Hector.....Bellingham
Mgr. H. B. Sewall.....
Supt. Ry. John Hickok, Jr....
Supt. Lt. & Pwr. R. U. Muffley "
Pur. Agt. E. L. Noyes..... "

Local Supts. (L. E. Stearns...Mt. Vernon
Roy Samson...Burlington
Elec. Engr. G. E. Springer..Bellingham
Energy purchased from Puget Sound
Traction Lt. & Pwr. Co.

35.2 miles; 4-8½ g; 4 pass. and 44 other cars; 2 elec. locos. 128

1164—Puget Sound Trac., Lt. & Pwr. Co.
(Bellingham Div.)—For executive officers see Seattle.

Asst. Treas. John C. Hector..Bellingham
Mgr. Harry B. Sewall.....
Asst. Sales Mgr. R. W. Lindley "
Supt. Ry. John Hickok..... "
Supt. Lt. & Pwr. R. U. Muffley "
Supt. Gas C. E. Lasher..... "
Pur. Agt. E. L. Noyes..... "
M. M. Peter Loft..... "

Power sta. equip. 2 d. c. G. E., tot. 500 kw; 2 a. c. W. E., G. E. tot. 35,000 kw. 2300 v. 3 ph. 60 cys; 1000 hp. e. Ham. Cor; 1500 hp. b. Bab. & W. Stir; 2728 kw. stm. turb. Curtis; 3218 hp. wtr. wh. Pelton; trans. volt. 60,000 v; trolley volt. 600 v; energy also purchased from Western Canada Pwr. Co., Ltd.

Power stas. at Nooksack Falls (hydro. elec.) and Bellingham (steam); repair shops at Bellingham.

25.49 miles; 4-8½ g; 28 pass. and 16 other cars; 2 locos. (Co. does general lighting and power business.) ★39

CENTRALIA. 7,311.

(See No. 1180.)

CHEHALIS. 4,507.

(See No. 1180.)

CLARKSTON. 1,257.

1165—Lewiston-Clarkston Transit Co.—Office, 821 Palace Bldg., Minneapolis, Minn. (Connects Lewiston (Idaho) with Clarkston).

Pres. A. G. Norts..Minneapolis, Minn. V. Pres.

Geo. Barrows...Breckenridge, Minn.
Sec. E. H. Norts...

Gen. Mgr. Pur. Agt. &
Engr. Overhd. Constr.,

H. C. Hartung.....Clarkston
M. M., J. A. Morrow.....

Energy purchased from Washington-Idaho Wtr., Lt. & Pwr. Co; 1 d. c. G. E. 125 kw; trans. volt. 2200 v; trolley volt. 550 v.

Repair shop at Clarkston.
Reaches Vernon Park and Lewiston-Clarkston Ball Park (controlled).

4.15 miles; 4-8½ g; 4 one-man motor pass. cars. ★59

EVERETT. 35,486 (1916).

(See also No. 1171.)

1166—Puget Sound Internationals Ry. & Pwr. Co.—Gen. office, 860 Stuart Bldg., Seattle. (Purchased the property of the Everett Ry., Lt., & Wtr. Co.) (Connects Everett, Lowell and Snohomish.) (Controlled by the Pacific Northwest Trac. Co.)

Pres. Fred'k S. Pratt...Boston, Mass.
V. Pres. (Alton W. Leonard...Seattle
Wm. H. McGrath....

Sec. George A. Pierce...Boston, Mass.
Treas. H. B. Sawyer.....

Asst. Sec. James B. Howe....Seattle
Asst. Treas. C. F. Kirchhaine..Everett

Clerk, Wadleigh B. Drummond
Portland, Ore.

Gen. Mgrs.
Stone & Webster.....Boston, Mass.

Actg. Mgr., Claim Agt. & Engr.
M. of W. Geo. Newell.....Everett

Supt. Rys. W. E. Delano.....
Supt. Pwr. Dept. & Engr.

Ovhd. Constr. A. M. Chitty.. "
Supt. Distr. Mr. Crawford.... "

Pur. Agt. K. K. Carrick..... "
M. M., E. M. Swift..... "

Engr. Track & Roadway,
R. D. Farris..... "

Engr. Pwr. & Equip. T. Molyneux
Power sta. equip. 1 d. c. West. 500 kw.

2 a. c. West. tot. 1250 kw. 2200-110 v.
2 ph. 60 cys; 1000 hp. e. Allis-C; 1218

hp. b. Bab. & W; 750 kw. stm. turb.
West; trolley volt. 550 v.; energy also

purchased from Puget Sound Trac. Lt. & Pwr. Co.

Power sta. and repair shops at Everett.
17.8 miles; 4-8½ g; 21 motor and 3

other cars. (Company does general ltg. & pwr. business.) ★59

1167—Pacific Northwest Traction Co.
(Southern Division). For executive officers see Seattle. Interurban line between Seattle and Everett.

Asst. Treas. C. F. Kirchhaine...Everett
Mgr. Donald C. Barnes..... "

Supt. Ry. Geo. Newell..... "
Supt. Mot. Pwr. A. M. Chitty.. "

Pur. Agt. K. K. Carrick..... "
M. M., E. M. Swift..... "

Roadmaster A. Hollings..... "
Energy purchased from Puget Sound

Trac. Lt. & Pwr. Co.
25.5 miles; 4-8½ g; 6 pass. and 32

other cars; 2 elec. locos. 128

NORTH YAKIMA. 20,951 (1916)

(See No. 1181a.)

OLYMPIA. 6,996.

166—Olympia Light & Power Co.—Office, 523 Main St. (Connects Olympia and Tumwater.)
 Pres. L. B. Faulkner.....Olympia
 Pres. P. M. Troy....."
 Sec. John T. Otis....."
 Treas. & Audr. H. A. Hart...."
 Supt. H. C. Ranft....."
 Pur. Agt. W. K. Burntrager..."
 Ch. Engr. Pwr. Sta.
 F. M. Cooper.....Tumwater
 Power sta. equip. 1 d. c. West. 500 kw;
 a. c. West. 900 kw. 2300 v. 2 ph. 60 cys;
 600 hp. turb. (wtr.) S-B & S-V; trans.
 volt. 55,000 v; trolley volt. 500 v. Energy
 also purchased from Puget Sound
 Trac. Lt. & Pwr. Co.
 1 sub-sta; 1 rot. conv.
 Power sta. at Tumwater, Wash.;
 repair shops at Olympia.
 6 miles; 4-8½ g; 10 motor, 1 trail
 pass., 1 other motor and 2 other cars.
 Company furnishes energy for lighting
 and power at Olympia and Tumwater. ★59

RAYMOND. 2,500.

1170—Willipa Electric Co.—Office, Raymond. (Purchased the properties of the Willipa Harbor Ry. Co., Twin City Elec. Co. and South Bend Elec. Co.) Connects South Bend and Raymond.
 Pres. J. S. Thornton..New York, N.Y.
 V. Pres. H. Hobart Porter "
 Sec., Mgr. & Pur. Agt.
 J. R. Snider.....Raymond
 Treas. M. M. Fisher....."
 Supt. Ry. A. W. Fisher....."
 POWER STA. 1—1 gen. West. 300 kw. belted to 1 engine Twin Nagle; 1 turbo-gen. Curtis 300 kva. 6600 v. 3 ph. 60 cys; 1 ry. gen. 150 kw. West. belted to 1 eng. Ideal.
 POWER STA. 2—1 turbo-gen. Curtis 1000 kw. 2300 v. 3 ph. 60 cys; 2 mo. gen. (ry.) West. tot. 275 kw. 2300 v. a. c. 550 v. d. c.
 POWER STA. 3 (Hydraulic)—1 wtr. wh. Pelton belted to 1 gen. Allis C. 115 kw. 2300 v. 2 ph.
 Power stas. and repair shop at Raymond.
 5.444 miles; 4-8½ g; 3 motor cars.
 (Company furnishes energy for lighting.) ★59

SEATTLE. 348,639 (1916).

(See also Nos. 73, 175, 1177, 1178 and 1179).

1171—Pacific Northwest Traction Co.—Gen. office, 860 Stuart Bldg. (Controls the Puget Sound International Ry. & Pwr. Co. and in turn is controlled by the Puget Sound Trac., Lt. & Pwr. Co.)
 Pres. Fred'k S. Pratt...Boston, Mass.
 V. Pres. {Alton W. Leonard...Seattle
 {Wm. H. McGrath..."
 Sec. Geo. A. Pierce...Boston, Mass.
 Treas. Henry B. Sawyer..."
 Gen. Mgrs.
 Stone & Webster....."
 Sales Mgr. H. J. Gille.....Seattle
 Fgt. Traffic Mgr. W. H. Somers..."
 Gen. Acct. Forrest P. Dexter..."
 Agt. for Ins. Matters D. N. King..."
 Operates in two divisions not physically connected.

NORTHERN DIVISION—Operates an interurban railway system, Bellingham to Mt. Vernon—Burlington to Sedro Woolley, Wash., and does Light and Power business in territory tributary to its lines.
 Mgr. No. Div. Harry B. Sewall Bellingham
 Asst. Treas. J. C. Hector..."
 Supt. Ry. John Hickok, Jr. "

Supt. Lt. & Pwr.

R. U. Muffley.....Bellingham
 Pur. Agt. E. L. Noyes....."
 Elec. Engr. G. E. Springer..."
 Energy purchased from Puget Sound Trac., Lt. & Pwr. Co.
 35.2 miles; (owned) 4 mo. pass. and 44 other cars; 2 elec. locos.

SOUTHERN DIVISION—Operates interurban railway system between Everett & Seattle.

Mgr. So. Div. D. C. Barnes.....Everett
 Asst. Treas. Kirchhaine....."
 Supt. Ry. Geo. Newell....."
 Supt. Motive Pwr. A. M. Chitty..."
 M. M., E. M. Swift....."
 Roadmaster, A. Hollings....."
 Pur. Agt. K. K. Carrick....."
 Energy purchased from Puget Sound Trac., Lt. & Pwr. Co.
 25.5 miles (owned); 6 mo. pass. and 32 other cars; 2 elec. locos. 128

1172—Puget Sound Traction, Light & Power Co.—Office 860 Stuart Bldg. (Purchased and consolidated The Seattle Elec. Co., Pacific Coast Pwr. Co., Puget Sound Pwr. Co., Seattle-Tacoma Pwr. Co. and Whatcom County Ry. & Lt. Co.) (Controls Puget Sound Elec. Ry., Western Washington Pwr. Co. and Pacific Northwest Trac. Co., which controls Puget Sound International Ry. & Pwr. Co. The company through ownership or control, does substantially all the electric street and interurban railway and the greater part of the commercial electric lighting and power business in the Puget Sound district, including the cities of Seattle, Tacoma, Bellingham and Everett.) (Owns or controls hydro-electric pwr. plants with present development of 123,913 hp., hydro-electric and ultimate development of about 175,000 hp. steam stations with present cap. of 42,680 hp. and street and interurban railways aggregating 493.6 miles.) (The Washington Auto Bus Co., operating between Bothell and Seattle, a distance of 16 miles, is a subsidiary of this company.)

Chmn. Bd. Fred'k S. Pratt, Boston, Mass.
 Pres. Alton W. Leonard.....Seattle
 V. Pres. Wm. H. McGrath....."
 Clerk, Geo. A. Pierce...Boston, Mass.
 Sec. Jas. B. Howe.....Seattle
 Treas. Henry B. Sawyer..Boston, Mass.
 Asst. Treas. Frank Dabney....Seattle
 Audr. W. E. Best....."
 Gen. Acct. Forrest P. Dexter...."
 Gen. Mgrs.

Stone & Webster.....Boston, Mass.
 Sales Mgr. H. J. Gille.....Seattle
 Asst. Sales Mgr. R. W. Clark..."
 Mgr. Aux. Oper. W. J. Grambs..."
 Suburban Agt. L. R. Grant....."
 Industrial Agt. W. E. Herring..."

{Arthur L. Kempster..."
 Div. Mgrs. {L. R. Coffin...Bellingham
 {L. H. Bean.....Tacoma
 {D. C. Barnes.....Everett
 Fgt. Traffic Mgr. W. H. Somers. Seattle
 Gen. Supt. Ry. G. A. Richardson "

Gen. Supt. Lt. & Pwr.
 John Harrisberger....."
 Supt. Dept. Accid. Investigation
 J. T. Rupli....."
 Pur. Agt. W. B. Donaldson..."
 Ch. Elec. Engr. G. E. Quinan..."
 Engr. (Seattle Div.) S. C. Lindsay "

Stm. Ht. Div.
 W. J. Santmyer....."
 Transp. D. W. Henderson..."
 Rolling Stock & Shops,
 A. D. Campbell....."
 Way & Struct
 E. J. McIlraith....."
 Supts. Transm. & Distrbn.
 M. T. Crawford..."
 Transf. E. F. Terrell...."
 Meters R. E. Thatcher..."

Supts. { G. C. Sears (White River Sta.)... Dieringer
Hydro-Elec. { O. N. Wisewell,
Gen. Stas. { Snoqualmie
W. O. Gordinier... Electron
Power stas. equip. 2 d. c. West. tot.
200 kw; 19 a. c. G. E. West. Allis C. tot.
81,450 kw. 2 & 3 ph. 60 cys. 69,000-2,300
v. 12,152 hp. e. McI. & S. Cor. Ide, Allis-
C; 15,220 hp. b. Stir, Bab. & W. Cahall;
17,725 hp. turb. De Laval, Curtis; trans.
volt. 13,800-55,000 v; trolley volt. 550 v.
Energy also purchased from Western Can-
ada Pwr. Co. (Bellingham Div.)

Power stas. at Snoqualmie Falls, Elec-
tron, Dieringer, Nooksack Falls, Seattle,
Bellingham and Tacoma; repair shops
at Georgetown, Bellingham and Tacoma.

Owns Madison Park and reaches Mad-
rona and Leschi Parks and 6 other city
parks.

202 miles; 4-8½ g. and 3-6 g. (cable);
386 pass. elec., 37 pass. cable grip,
61 misc. elec. and 3 other cable cars. ★59

1172a—Western Washington Pwr. Co. (Operates in the City of Seattle.)
(Controlled by Puget Sound Trac. Lt. & Pwr. Co.)

Pres. Frederick S. Pratt... Boston, Mass.
V. Pres. { Alton W. Leonard... Seattle
{ Wm. H. McGrath... "
Sec. Geo. A. Peirce... Boston, Mass
Asst. Sec. Jas. B. Howe... Seattle
Treas. Henry B. Sawyer... Boston, Mass.
Asst. { Forrest P. Dexter... Seattle
Treas. { C. F. Kirchhaine... Everett
Clerk, Wadleigh B. Drummond,
Portland, Me.

Asst. Clerk, Jas. B. Howe... Seattle
Gen. Mgrs.
Stone & Webster... Boston, Mass.
Actg. Mgr. Geo. Newell... Everett
Energy from Puget Sound Trac. Lt. &
Pwr. Co.

5.5 miles; 4-8½ g; 4 pass. cars. ★59

1173—Seattle Munic. St. Ry.—Office,
517 County & City Bldg. (Div. "A."
4.2 miles, extends from business dis-
trict to Ballard; Div. "C" (Highland
Park & Lake Burien) 9 miles, connects
Seattle and Lake Burien.) (Purchased
the Loyal Ry. Co.)

Supt. of Public Utilities
Thos. F. Murphine... Seattle
Claim Agt. Jas. H. Dennis... "
Pur. Agt. W. D. Freeman, "
Bd. of Public Works... "
Supt. Transp. S. E. Goodwin... "
M. M., H. J. Stith, "
300 Ave. W. & Nickerson St., "

Energy supplied from City Ltg. Plant;
4 mo-gen. Ridg. Ft. Wayne tot. 2000 kw.
trolley volt. 600 v.

2 sub-stas., Dexter Ave. & Aloha St.,
and 9th Ave. So.-W. & Henderson St.;
repair shop at 3d Ave., West & Nickerso
St.

Reaches Golden Gardens.

41.75 miles; 4-8½ g; 53 motor pass.
and 3 other motor cars. (Extension
of 3½ miles through shipyard district
under construction.) ★69

**1174—Seattle & Rainier Valley Rail-
way Co.**—Office, 72 W. Adams Street,
Chicago, Ill. (Successor to Seattle,
Renton & Southern Ry. Co.) (Conn-
ects Seattle and Renton; also Colum-
bia, Hillman City and Rainier Beach—
all within limits of city of Seattle.)

Pres. Marshall E. Sampson, Chicago, Ill.
V. Pres. E. M. Mills... "
Sec. Henry M. Brooks... "
Treas. E. W. Goss... "
Gen. Mgr. Walter M. Brown... Seattle
Audr. & Pur. Agt. P. C. Eichhorn... "
Supt. T. H. Nolan... "
Claim Agt. John C. Higgins... "
M. M., J. R. Fairchild... "
Signal Engr. H. B. Brumleve... "
Roadmaster, S. Moline... "

Energy purchased from Puget Sound
Trac., Lt. & Pwr. Co; trans. volt. 60,000
v; trolley volt. 600 v. d. c.
Repair shop at Seattle.
1 sub-sta. cap. 650 kw; 3 rot. conv.
Reaches Atlantic City and Seawall
Park, owned by city.
24 miles; 4-8½ g; 34 motor pass.
and 17 other cars. ★6

SPOKANE. 150,323 (1916).

(See also No. 155.)

**1175—Spokane & Inland Empire
R. E. Co.**—Office, Terminal Bldg.
Spokane. (Consolidation of the
Spokane Trac. Co., Spokane Terminal
Co., Spokane & Inland Ry. Co., and
Coeur d'Alene & Spokane Ry. Co.,
Ltd.) (Operates local lines and inter-
urban lines.) (Connects Coeur d'Alene
and Moscow, Idaho, and Colfax and
Spokane, Wash.)

Receiver F. E. Connors... Spokane
V. Pres. & Traffic Mgr.
Waldo G. Paine... "
V. Pres. & Compt.
W. F. Turner... Portland, Ore.

Sec., Treas. & Pur. Agt.
Paul McKay... "
Supt. J. F. Gannaway... Spokane

Claim Agt. J. M. Home... "
Ch. Engr. A. J. Witohel... "
Elec. Engr. & Ch. Engr. Pwr. Sta.
J. W. Hungate... "
M. M., M. G. Charles... "

Roadmaster, P. McNamara... "
Power sta. equip. 4 a. c. West. tot.

16,000 kw. 2200 v. 3 ph. 60 cys; 21,300
hp. turb. (wtr.) Hol; trans. volt. 60,000
v; trolley volt. 6,600 v. a. c. & 550 v. d. c.

Power sta. at Nine Mill Bridge on Spo-
kane River; repair shops at Spokane and
Coeur d'Alene.

Owns parks at Hayden and Liberty
Lakes; Ball Park, Spokane; Blackwell
Park at Coeur d'Alene, and reaches Mad-
rison Park, Corbin and Liberty Parks at
Spokane.

290,473 miles; 4-8½ g; 68 pass. and
other cars (city); 59 pass. cars, 429 freight
16 express and 1 other car (interurban);
13 elec. and 2 steam locos. (Company
does light and power business.) ★39

1176—Washington Water Power Co.
Office, 825 Trent Ave., Spokane.
(Owns Spokane St. Rys.) (Connects
Spokane, Hillyard, Medical Lake and
Cheney.)

Chmn Ex. Committee,
W. J. C. Wakefield... Spokane

Pres. D. L. Huntington... "
1st V. Pres. W. A. White,
14 Wall St., New York, N. Y.

2nd V. Pres. & Gen. Mgr.
W. E. Coman... Spokane

Sec., Treas. & Pur. Agt.
V. G. Shinkle... "
Audr. J. S. Simpson... "
Gen. Supt. R. A. Willson... "
Claim Agt. T. G. Aston... "
Ch. Engr. J. B. Fisk... "
Elec. Engr. V. H. Grisser... "

LONG LAKE STA. EQUIP.—2 a. c.
G. E. tot. 25,000 kw. 4000 v. 60 cys
45,000 hp. wtr. turb. Morris.

LITTLE FALLS STA. EQUIP.—
4. a. c. G. E. tot. 20,500 kw. 4000 v. 60
cys; 36,000 hp. wtr. turb. Morris.

POST FALLS (Idaho) STA. EQUIP.
—5 a. c. G. E. tot. 11,250 kw. 2300 v.
60 cys; 16,300 hp. wtr. turb. Platt
Morris.

SPOKANE STA. EQUIP.—2 a. c.
G. E. tot. 4,500 kw. 4000 v. 60 cys; 6 d. c.
G. E. tot. 4300 kw. 600-300 v; 15,800 hp
wtr. turb. Allis-C; Pelton, Lef., S. & B.
trans. volt. 60,000, 22,000, 13,200 v. 3 ph.
60 cys; trolley volt. 600 v.

OST STREET SUB-STA. EQUIP.
—6 d. c. G. E. mo. gen. tot. 9000 kw.
—600 v.

AMIESON SUB-STA. EQUIP.
—c. G. E. mo. gen. tot. 800 kw. 600 v.
CHENEY SUB-STA. EQUIP.—1 d. c.
E. mo. gen. 400 kw. 600 v.

MEDICAL LAKE SUB-STA. EQUIP.
—d. c. G. E. mo. gen. 200 kw. 600 v.
6 sub-stas; 10 mo.-gen. sets.
Repair shops at Spokane.
Owns Natatorium Park, Spokane.
8.57 miles; 4-8½ g; 142 motor pass.,
trail pass., 3 exp. motor, 12 ftg. and
other cars. (Co. sells energy and does
hting in Spokane, Big Bend and the
louse Districts of Wash. and Northern
aho.) ★59

TACOMA. 115,000 (1918).

176a—Tacoma Municipal Railway.
—Office, 437 East 11th St. ("Tide
Flats" line.)
Dir. Public Works
H. Roy Harrison.....Tacoma
Gen. Mgr. & M. M. W. G. Denney, "
Spt. Transp. Joseph H. Lyons.. "
Energy supplied by plant owned by
ty; 1 d. c. —500 kw; trans. volt. 60,000
trolley volt. 550-600 v.
Power sta. on "Tide Flats;" repair
ops at 437 East 11th St.
8 miles; 4-8½ g; 34 motor pass., 4 trail
ss. cars and 1 ftg. car; 1 elec. loco.
(Freight is switched from 3 trans-
ntinental railroads on M. C. B. equip-
ent to shipyards and mills.) ★59

177—Pacific Traction Co.—Office,
860 Stuart Bldg., Seattle. (Operates
from City of Tacoma to American Lake
and the town of Steilacoom.) (Con-
trolled and operated by Puget Sound
Elec. Ry. (which see for officers),
which in turn is controlled by Puget
Sound Trac., Lt. & Pwr. Co.).
Energy purchased from Puget Sound
rac., Lt. & Pwr. Co; trolley volt. 600 v.
19.3 miles; 4-8½ g; 8 motor cars. 128

178—Puget Sound Elec. Ry. Co.—
Gen. Office, 860 Stuart Bldg., Seattle;
local office, 1306 A st. (Connects
Tacoma, Auburn, Kent, Renton,
Seattle, and Puyallup.) (Owns Tacoma
Ry. & Pwr. Co. and Pacific Traction
Co., which companies do the entire
electric railway and a portion of the
electric power business of Tacoma.)
(Controlled by the Puget Sound Trac.,
Lt. & Pwr. Co.)

Pres. Fred'k S. Pratt
147 Milk St., Boston, Mass.
Sec. Geo. A. Pierce....."
Treas. Henry B. Sawyer.. "
Asst. Treas. W. E. Wilmot.....Tacoma
Gen. Mgrs. Stone & Webster
147 Milk St., Boston, Mass.
Local Mgr. Louis H. Bean.....Tacoma
Sales Mgr. H. J. Gille.....Seattle
Asst. Sales Mgr. R. C. Saunders.. Tacoma
Gen. Supt. George W. Rounds.. "
Supt. Invest. & Adj. H. G. Winsor "
Fgt. Traffic Mgr. W. H. Somers.. Seattle
Pur. Agt. G. O. Snider.....Tacoma
Land & Tax Agt. C. V. Allen.... "
Gen. Acct. Forrest P. Dexter.....Seattle
Supt. Pwr. & Equip.
K. C. Schluss.....Tacoma
Supt. O. C. Mathis....."
Roadmaster, H. J. Nason....."
All energy purchased from the Puget
Sound Trac., Lt. & Pwr. Co.; 1 mo-
ren. set G. E. 4900 kw.
Repair shops at Tacoma.
Owns Spanaway Park; reaches Point
Defiance Park.
75.7 miles; 4-8½ g; 23 motor pass.,
14 trailers and 134 other cars; 3 elec. locos.

(Company furnishes energy for lighting
in Kent, Auburn and other towns
along interurban line.) ★39

1179—Tacoma Ry. & Pwr. Co.—Gen.
Office, 860 Stuart Bldg., Seattle; lo-
cal office, 1306 A St. (Connects Pu-
yallup, Spanaway, Steilacoom, Fern
Hill and American Lake.) (Owned and
operated by the Puget Sound Elec. Ry.,
which is controlled by the Puget Sound
Trac., Lt. & Pwr. Co.)
Pres. Fred'k S. Pratt.
147 Milk St., Boston, Mass.
V. Prests. (Alton W. Leonard... Seattle
(William H. McMrath. "
Sec. Geo. A. Peirce.....Boston, Mass
Treas. Henry B. Sawyer....."
Asst. Treas. W. E. Wilmot.....Tacoma
Gen. Mgrs. Stone & Webster
147 Milk St., Boston, Mass.
Local Mgr. L. H. Bean.....Tacoma
Gen. Supt. G. W. Rounds....."
Supt. Invest. & Adj. H. G. Winsor "
Fgt. Traffic Mgr. W. H. Somers. Seattle
Pur. Agt. G. O. Snider.....Tacoma
Supt. Pwr. & Equip.
K. C. Schluss....."
Supt. Transp. T. F. Marsh....."
Energy purchased from Puget Sound
Trac., Lt. & Pwr. Co.; 6 mo. gen. sets
G. E. tot. 3700 kw; trans. volt. 13,800 v;
trolley volt. 600 v.
Steam aux. plant: 5 d. c. G. E. tot.
22 kw. 600 v; 3 a. c. G. E. tot. 2500 kw.
2200 v. 2 ph. 60 cys; 4450 hp. e. Frick,
Cpr., Penna; 4100 hp. b. Bab. & W., A.
& T.
Steam plant and repair shops at
Tacoma.
Reaches Spanaway Park (owned) and
Pt. Defiance Park.
84.8 miles electric; 4-8½ g; and 1.6
miles cable, 3-6 g; 90 motor pass.,
8 cable grip and 66 other cars; 3 elec.
locos. (Co. does general ltg. & pwr.
business.) ★29

VANCOUVER. 13,180 (1916).

(See also No. 886.)

1180—North Coast Pwr. Co.—Gen.
office, 441 Pittock Blk., Portland,
Ore. (Successor to Washington-Ore-
gon Corpn.) (Operates in Vancouver;
connects Vancouver and Sifton (Van-
couver Div.), and Centralia and
Chehalis (Twin City Div.)
Pres. Clarence M. Brown
2115 Land Title Bldg.,
Philadelphia, Pa.

V. Pres. Gen. Mgr. & Pur. Agt.
R. M. Boykin.....Portland, Ore.
Sec. J. Newlin Brown
215 Land Title Bldg.,
Philadelphia, Pa.
Treas. B. F. Donahue...Portland, Ore.
Power sta. equip.: 2 d. c. West., G. E.
tot. 700 kw; 2 a. c. Allis-C. tot. 2000 kw.
2300 v. 3 ph. 60 cys; 1800 hp. b. Stir;
2 stm. turb. Allis-C; 700 hp. wtr. turb.
Allis-C. Smith, Vale; trans. volt. 45,000
v; trolley volt. 600 v. Energy also
purchased from Portland (Ore.) Ry.,
Lt. & Pwr. Co.
Power stas. at Chehalis and Kalama;
repair shops at Chehalis and Vancouver.
20 miles; 4-8½ g; 10 motor and 14 other
cars. (Co. does general lighting & power
business.) ★69

WALLA WALLA. 25,136 (1916).

1181—Walla Walla Valley Ry. Co.—
Gen. office, Gasco Bldg., Portland,
Ore. (Operates in Walla Walla and an
interurban line connecting Walla Wal-
la, Wash., and Milton, Ore.) (Con-
trolled by the Pacific Pwr. & Lt. Co.,
which in turn is controlled by American
Pwr. & Lt. Co.)

Pres. Guy W. Talbot Portland, Ore.
 V. Pres. & Gen. Mgr.
 C. S. Walters Walla Walla
 V. Pres. John A. Laing Portland, Ore.
 Sec. & Treas. Geo. F. Nevins
 Asst. Sec. & Treas.
 Lewis A. McArthur
 Traffic Mgr. Frank Ring Walla Walla
 Pur. Agt. H. W. Bathiany, Portland, Ore.
 Ch. Engr. H. H. Scholfield
 Engr. In charge R/W & Taxes
 Wm. H. Galvani
 M. M., P. Fichtner Walla Walla
 Roadmaster N. Manaro
 Energy purchased from Pacific Pwr. &
 Lt. Co.; 3 d. c. G. E. tot. 1000 kw; trolley
 volt. 600 v.
 Repair shops at Walla Walla.
 27 miles; 4-8½ g; 15 pass. and 13 fgt
 cars. ★59

YAKIMA. 20,951 (1916).

1181a—Yakima Valley Transporta-
tion Co.—Office, 122½ West Yakima
 Ave., Yakima. (Connects North Ya-
 kima, Harwood, Selah and Wiley City.)
 Pres. & Gen. Mgr.
 N. C. Richards Miller Bldg., Yakima
 V. Pres. J. P. O'Brien Portland, Ore.
 Sec. Myrtie M. Slassor
 Miller Bldg., Yakima
 Treas. Julia A. Prash
 Audr. R. B. Oswin
 Supt. W. S. Howard
 Gen. Fgt. & Pass. Agt.
 H. C. Temple
 Pur. Agt. G. W. Saul Portland, Ore.
 Ch. Engr. E. F. Kidder Walla Walla
 M. M., A. J. Field Yakima
 Energy purchased from Pacific Pwr. &
 Lt. Co.; 3 d. c. G. E. tot. 900 kw; 3 a. c.
 G. E. tot. 1050 kw. 2300 v. 3 ph. 60 cys;
 trans. volt. 25,000 v; trolley volt. 600 v.
 d. c.
 Repair shop at Yakima
 1 sub-sta.
 45 miles; 4-8½ g; 15 motor pass., 5
 trail pass., 4 other motor and 18
 other cars; 1 elec. loco. 118

WEST VIRGINIA.

BLUEFIELD. 15,442 (1916).

(See also No. 1199.)

1182—Appalachian Pwr. Co.—BLUE-
FIELD DIV. (Connects Graham, Va.,
 and Bluefield, W. Va.)
 Pres. J. A. Trawick
 47 Ames Bldg., Boston, Mass.
 G. N. Walbridge
 25 Nassau St.
 V. Prests. New York, N. Y.
 C. N. Mason
 71 B'way.
 Sec. A. H. Mosle,
 30 Broad St.,
 Treas. W. R. Emerson
 47 Ames Bldg., Boston, Mass.
 Audr. W. E. Terry Bluefield
 Gen. Mgr. Herbert Markle
 Local Mgr. J. B. Moseley, Jr.
 Pur. Agt. J. P. Gills
 Energy is furnished from hydro-elec.
 developments to sub-station at Bluefield;
 1 mo. gen. G. E. 300 kw. stm. plant
 reserve; 1 d. c. G. E. 500 kw; trans.
 volt. 88,000 v; trolley volt. 550 v.
 Power sta. on New River, Va.; repair
 shops between Graham and Bluefield.
 7.40 miles; 4-8½ g; 8 motor pass.
 and 2 other motor cars. (Company does
 general lighting & power business.) ★59

1183—Norfolk & Western Ry. Co.—
(Electric Div.)—Office, Roanoke, Va.
 (Electric zone extends from Bluefield to
 Vivian; Bluestone to Pocahontas and

Bluestone to Clift Yard (Simmons
 Branch). Electrifying section be-
 tween Vivian and Welch.)
 Pres. L. E. Johnson Roanoke, Va.
 Reg. Director N. D. Maher
 Fed. Mgr. A. C. Needles
 Sec. E. H. Alden Philadelphia, Pa.
 Fed. Treas. Jos. B. Lacy Roanoke, Va.
 Audr. Walter MacDowell
 Gen. Mgr. W. J. Jenks
 Supt. W. O. Franklin Bluefield
 Pur. Agt. J. H. Clemmitt
 Claim Agt. W. S. Battle, Jr., Roanoke, Va.
 Act. Gen. Fgt. Agt.
 S. S. Bridgers
 Ch. Engr. J. E. Crawford
 Ch. Elec. Engr.
 C. H. Quinn
 Signal Engr. D. W. Richards
 Gen. Foreman
 R. R. Macdonald
 Foreman Pwr. Sta.
 A. Fraser Bluestone
 Foreman Locomotive Repair
 Shop R. J. Cousins
 Foreman Line Maint.
 W. O. Scruggs
 Power st. equip.; 4 a. c. West. tot.
 36,000 kw. 11,000 v. 3 ph. 25 cys; 27,000
 kw. stm. turb. West; 8014 hp. b. Bab. &
 W. (Stirling); trans. volt. 44,000 v.
 trolley volt. 11,000 v. s. ph.
 Power sta. and inspection shop at
 Bluestone.
 98.3 miles; 4-8½ g; 12 double unit
 locos. 128

CHARLESTON. 29,941 (1916).

1184—The Charleston-Dunbar Trac-
Co.—Office, Charleston. (Connects
 Charleston and Dunbar.)
 Pres. Fred. Paul Grosscup Charleston
 Sec., Gen. Mgr. & Pur. Agt.
 E. W. Alexander
 M. M., F. W. Gay
 Power sta. equip. 2 d. c. G. E. tot. 700
 kw; trans. volt. 2300 v; trolley volt. 600 v.
 Power sta. and repair shops at Dunbar.
 Reaches Dunbar Park (controlled).
 7 miles; 4-8½ g; 7 motor pass. cars and
 1 other car. (Company does a general
 ltg. & pwr. business.) 59

1185—Charleston Interurban E. R.
Co.—Office, Terminal Bldg., Charle-
 ton. (Leases for 99 years the Kanawha
 Valley Trac. Co., which is controlled
 by American Rys. Co. Connects
 Charleston, So. Charleston, Spring
 Hill, St. Albans, Kanawha City,
 Malden, Marmet, Chesapeake, Wini-
 frede Jct. and Cabin Creek Jct.)
 Pres. W. A. McCorkle Charleston
 V. Pres. J. E. Chilton
 Sec. & Treas. F. M. Staunton
 Audr. A. S. Guelich
 Gen. Mgr. I. N. Smith
 Claim Agt. L. H. Oakes
 Gen. Fgt. Agt. A. Leach
 Ch. Engr. R. W. Smarr
 M. M., E. Garris
 Power sta. equip. 6 d. c. West. tot.
 2000 kw; 1000 hp. e. Weth; 1200 hp. b.
 Weth; trans. volt. 6600 v; trolley volt.
 600 v. Energy also purchased from Vir-
 ginia Pwr. Co.
 Power station and repair shops
 at Charleston.
 Owns Edgewood Park and reaches
 Luna Park.
 39 miles; 4-8½ g; 39 motor and 4 other
 cars. (During 1919 contemplates ex-
 tending line from Cabin Creek Jct. to
 Montgomery, a distance of 10.5 miles.) 38

1186—Columbia Gas & Electric Co.—
 Office, Charleston. (Leases stocks of
 properties controlled by Cincinnati.
 Newport and Covington Lt. & Trac.
 Co.)

Man. of Bd. P. G. Gossler
62 Cedar St., New York, N. Y.
Pres. A. B. Leach
62 Cedar St., " "
V. Prests. { W. W. Freeman, Cincinnati, O.
{ W. Y. Cartwright " "
Sec. & Treas. T. F. Wickham,
care of Union Gas & Elec. Co.
4th & Plum Sts., Cincinnati, O.
59

ELM GROVE. 1,899.

(See No. 1207.)

FAIRMONT. 15,506 (1916).

1187—Monongahela Valley Traction Co.—Office, Fairmont. (Controls Fairmont & Mannington R.R. Co. In 1916, purchased Consumers Elec. Lt. Co. of Manning.) (Connects Fairmont, Clarksburg, Weston, Mannington and Fairview in the Fairmont & Clarksburg Div., and Parkersburg, W. Va., Marietta and Beverly, Ohio, in the Parkersburg & Marietta Div.) (Controls Kanawha Traction & Elec. Co.)
Pres. George M. Alexander... Fairmont
V. Pres. Smith Hood... " "
Sec. & Treas. Walton Miller... " "
Audr. O. F. Lough... " "
Gen. Mgr. E. B. Moore... " "
Asst. Gen. Supt. W. V. Neal, Clarksburg
Gen. Supt. E. C. Bowman... Fairmont
Gen. Claim Agt.
C. B. W. Chapman... " "
Gen. Fgt. & Pass. Agt. A. B. Cole... " "
Pur. Agt. E. B. Smith... " "
Mgr. Pwr. Dept. R. W. Lamar... " "
Asst. Mgr. Pwr. Dept.
Francis McQuillin... " "
Ch. Engr. D. H. Blanks... " "
Ch. Engr. Pwr. Sta.
P. F. Hodges... Rivesville
Supt. Roll. Stk. Ralph Fox... Fairmont
Engr. M. of W. W. H. Schimmel... " "
Supt. Ovhd. Constr.
F. A. Webster... " "
Power sta. equip. 8 a. c. E. tot. 31,850 kva. 2200-11,000 v. 3 ph. 60 cys; 8300 hp. e. (gas) Bethlehem; 9230 hp. b. Bab. & W; 2600 kw. turb. (stm.) G. E.; trans. volt. 22,000 and 66,000 v; trolley volt. 600 v.
10 sub-stas. tot. cap. 6800 kw; 18 rot. conv.

Power stas. at Jayenne (stm.), Hutchinson (gas) and Rivesville; repair shops at Fairmont, Clarksburg and Weston.

Reaches Loop Park and Traction Park at Fairmont and Norwood Park at Clarksburg.

190.53* miles; 4-^A/₁₀₀ g; 168* motor pass. cars, 14* exp. motor cars, 6 fgt. cars and 24* other cars; 1 elec. loco. (*includes Parkersburg & Marietta Div.). (Company does gen. lighting business.)
★59

GRAFTON. 7,563.

1188—Grafton Lt. & Pwr. Co.—Office, Grafton. (Connects Grafton, Blueville and City Park.)
Trustee in Bankruptcy
T. F. Lanham... Grafton
Supt. J. W. Brown... " "
M. M., A. C. Proudfoot... " "
Power sta. equip. 1 d. c. West 150 kw. 550 v; 2 a. c. West. tot. 525 kva. 2300 v. 2 ph. 60 cys; 600 hp. b. Atlas, Geary; 900 hp. e. Phoenix, Amer. Ball, Skinr; 1 mo. gen. set 273 kw.

Power sta. at South Grafton; repair shops at Fetterman.

Reaches City Park (in charge of Common Council).

7 miles; 4-8¹/₂ g; 11 motor pass. cars. (Co. does ltg. & pwr. business.)
★29

HUNTINGTON. 45,629 (1916).

1190—Ohio Valley Elec. Ry. Co.—Miller-Ritter Bldg., Huntington. (Owns the Consol. Lt., Ht. & Pwr. Co., Huntington, Ashland & Catlettsburg St. Ry. Co., Ashland, Ky., Boyd County Elec. Co., Ashland, Ky. and Ironton (O.) Elec. Co.) (Connects Huntington, Ceredo, Kenova, W. Va., Catlettsburg, Ashland, Ky., Coal Grove, Ironton and Hanging Rock, O.) (Controlled by American Rys. Co.)

Pres. Van Horn Ely... Philadelphia, Pa.

V. Prests. { H. J. Crowley... " "
{ C. L. S. Tingley... " "

Sec. & Treas. W. W. Perkins... " "

Audr. Frank J. Pryor, Jr... " "

Gen. Mgr. W. R. Power... Huntington

Pur. Agt. G. C. Weirick, Philadelphia, Pa.

Elec. & Ch. Engr.

James Fagan... Huntington

Supt. Transp. & Claim Agt... " "

J. A. Marcum... " "

Ass't Supt. Transp. & Fgt. Agt... " "

John W. Williamson... " "

Engr. Pwr. Sta. Chas. Lake... Kenova

Supt. Lines D. L. Evans... Huntington

Div. Supt. R. E. Kimmel... Ashland, Ky.

M. M., J. F. Schmidlapp... Huntington

Park { H. O. Via... " "

Mgrs. { G. M. Wilde... Ashland, Ky.

Energy purchased from Consolidated Lt., Ht. & Pwr. Co., Kenova; trans. volt. 11,000 v; trolley volt. 600 v.

Repair shops at 18th St., West Huntington.

Owns Camden Park, Kellogg, W. Va., and Clyffside Park, Ashland, Ky.

46.29 miles; 4-8¹/₂ g; 73 motor cars.
★59

LEWISBURG. 803.

1191—Lewisburg & Ronceverte Elec. Ry. Co.—Office, Lewisburg. Connects Lewisburg and Ronceverte.)

Pres. S. P. Preston... Lewisburg

V. Pres. J. B. Laing... " "

Sec. H. B. Moore... " "

Treas. H. F. Hunter... " "

Gen. Mgr. R. M. Bell... " "

Gen. Fgt. & Pass. Agt.
Lon S. Davidson... " "

Energy purchased from Va.-Western Pwr. Co.; trans. volt. 45,000 v; trolley volt. 600 v.

6.2 miles; 4-8¹/₂ g; 2 motor cars and 1 other car.
59

MORGANTOWN. 13,709 (1916).

(See also No. 991.)

1193—Morgantown & Wheeling Ry. Co.—Office, Traction Bldg. (Operates by electricity between Morgantown and Randall for passenger service and by steam between Randall and Price, serving coal mines.) (Controls Monongahela & Ohio R. R. Co. (under construction) and Blacksville & Western Ry.)

Receiv'r, Gen. Mgr., & Pur. Agt.

R. E. Kerr... Morgantown

Pres. Manning Stires,
45 Cedar St., New York, N. Y.

Sec. Frank P. Weaver... Morgantown

Audr. & Gen. Fgt. & Pass. Agt.

Ammon I. Derr... " "

M. M., C. G. Jackson... " "

Roadmaster J. A. McKinney... " "

Gen. Foreman Elec. Line... " "

Geo. McLure... " "

Energy purchased from West Virginia Trac. & Elec. Co; trans. volt. 550 v; trolley volt. 600 v; repair shops at Granville.

27 miles (3 elec. & 24 stm.); 4-8¹/₂ g; 3 motor and 8 other cars; 4 stm. locos.
59

1194—So. Morgantown Trac. Co.—Office, Blackstone Bldg., Morgantown.

Pres. & Gen. Mgr.

John Madagan... Morgantown

V. Pres. Sanford Barrickman, Morgantown
 Sec. & Park Mgr. John E. Price
 Treas. P. S. Johnson
 Elec. Engr. M. L. Cross
 Roadmaster, A. D. Davis
 Park Mgr. C. N. Reay
 Energy purchased from Union Utilities Co.
 25-acre park owned by company.
 6 miles; 4-8½ g; 3 cars. 35

1185—West Virginia Trac. & Elec. Co.
 —(Morgantown Div.). (Connects Morgantown & Sabraton and Morgantown & Granville.) For executive officers, see Wheeling.

Gen. Mgr. J. K. Buchanan, Morgantown
 M. M., C. E. Nigh
 Asst. M. M., J. Thorn
 Power sta. equip. 3 d. c. West. G. E. tot. 900 kw; 5 a. c. turbo-gen. G. E., West. tot. 3400 kw. 2300 v. 2 & 3 ph. 60 cys; 1570 hp. b. Heine, Stir; trans. volt. 13,200 v; trolley volt. 600 v. Energy also purchased from Monongahela Valley Trac. Co.
 Power sta. and repair shops at Morgantown.
 6.5 miles; 4-8½ g; 14 motor cars. 59

NEWELL.

1186—The Newell Bridge & Ry. Co.
 (Successor to The Newell St. Ry. Co.)
 Office, Newell, W. Va. (Connects East Liverpool, O., and Newell, W. Va.)

Pres. Marcus Aaron,
 2nd Nat'l Bank Bldg., Pittsburgh, Pa.
 V. Pres.
 E. M. Knowles, East Liverpool, O.
 Sec., Gen. Mgr. & Pur. Agt.
 F. B. Lawrence, Newell
 Treas. W. E. Wells
 Power sta. equip. 2 d. c. Burke tot. 300 kw; 2 a. c. Burke tot. 150 kw. 2 ph. 60 cys; 500 hp. e. Allis-C; 930 hp. b. Titusville, Heine; 1-300 kw. turb. Curtis; trolley volt. 550 v.
 Power house, car barns and repair shops at Newell, W. Va.
 Owns park at Lake Newell.
 3 miles; 4-8½ g; 10 cars. (Company furnishes energy for lighting through Newell Wtr. & Pwr. Co.) 59

NEW MARTINSVILLE. 3,176.

(See No. 120).

PARKERSBURG. 20,612 (1916).

1197—Kanawha Trac. & Elec. Co.
 Office, Union Trust Bldg. (Inc. in April, 1915, and on June 7, 1915, consolidated with Parkersburg, Marietta & Interurban Ry. Co.) (Controls city lines of Parkersburg, W. Va., and Marietta, O., and connects these cities with Lowell and Beverly, O.) (Controlled by the Monongahela Valley Trac. Co.)

Pres. Thos. Logan, Parkersburg
 Sec. G. M. Alexander, Fairmont
 Treas. O. F. Lough
 Audr. J. Cummings, Parkersburg
 Mgr. H. S. Newton

Supts. { Geo. T. Mann
 (Parkersburg Div.)
 Transp. { Frank E. Wilson
 (Ohio Div.)
 Claim Agt. C. B. W. Chapman, Fairmont
 Gen. Fgt. & Pass. Agt.
 C. R. Devine, Parkersburg
 Pur. Agt. E. B. Smith, Fairmont
 Ch. Engr. Pwr. Stn.
 O. B. Summers, Parkersburg
 Supt. Lt. & Pwr. Dept.
 J. H. Trisler
 M. M., C. W. Folwell
 Supt. M. of W. Wm. Bailey
 Power stas. equip. 4 a. c. G. E. tot. 6000 kw. 2300 v. 2 & 3 ph. 60 cys; 1250 hp. e. Allis-C., Ham, Erie; 2500 hp. b.

Bab. & W; 5000 kw. turb. (stm.) G. E.; 171 hp. wtr. wh. Lef; trans. volt. 22,000 v; trolley volt. 600 v.

Power sta. at Parkersburg; repair shops at Parkersburg and Marietta.
 60 miles; 4-8½ g; 77 motor pass. and 13 other cars. (Company does general ltg. business in Parkersburg, W. Va., and Marietta and Beverly, O.) ★59

PRINCETON. 3,027.

1199—Princeton Power Co.—Office, Princeton. (Operates in Princeton and connects this city with Bluefield where connection is made with the Appalachian Power Co. for entrance to the city.)

Pres. & Treas. L. P. Hardy, Princeton
 V. Pres. H. E. DeJarnette
 Gen. Mgr. S. J. Evans
 M. M., E. T. Evans
 Energy purchased from Appalachia Pwr. Co; trans. volt. 13,200 v; trolley volt. 600 v; power sta. equip. 1 mo-gen. Allis-C. 200 kw.; rot. conv. West. 200 kw; 1 a. c. Allis-C. 175 kw. 2200 v. 2 ph. 60 cys; 250 hp. e. Allis-C; 300 hp. b. Houston, Stanwood and Gamble; power plant held as auxiliary.
 Pwr. sta. and repair shop at Princeton.
 Reaches and owns a park site of 70 acres, partially developed and leased to Glenwood Park Co.
 14 miles; 4-8½ g; 5 motor pass. cars and 1 fgt. car. (Co. does general ltg. & pwr. business; sells energy to Athens Pwr. Co.) 59

SISTERSVILLE. 2,634.

1200—Tyler Trac. Co.—Office, Sistersville. (Connects Sistersville, Pursley & Middlebourne.)
 Sec. W. O. Harrington, Sistersville
 Treas. W. J. Neumchwander
 Roadmaster
 John Snodgrass, New Martinsville
 Energy purchased from Sistersville Elec. Lt. & Pwr. Co; trans. volt. 550 v; trolley volt. 550 v;
 Repair shops at Sistersville.
 12 miles; 4-8½ g; 5 motor and 2 other cars. ★79J

1201—Union Trac. Co.—Office, Sistersville. (Connects Sistersville, New Martinsville, Paden City and Brooklyn Junction.)

Pres. R. Broadwater, Sistersville
 Sec. S. G. Messer
 Treas. W. J. McCoy
 Supt. H. H. Cooper
 Ch. Engr. Pwr. Sta. T. V. Stetson
 Engr. M. of W. John Snodgrass
 Energy purchased from Sistersville Elec. Lt. & Pwr. Co.
 Repair shops at Paden City.
 Reaches Paden City (owned).
 12 miles; 4-8½ g; 5 motor cars and 1 other car. 128

WELLSBURG. 4,189.

1202—Steubenville, Wellsburg & Weirton Ry. Co.—Office, 221 Fourth Ave., Pittsburgh, Pa. (Connects Wellsburg, Follansbee, Steubenville, Holiday's Cove and Weirton.) (Operated by Wheeling Trac. Co., which see for operating officers.)
 Pres. Williston Fish, Pittsburgh, Pa.
 V. { Raymond B. Keating
 Prests. { C. P. Billings
 Sec. & Treas. C. C. McBride
 Audr. M. W. Glover
 Asst. Sec. W. E. Craig
 Asst. Treas. R. C. Lightcap
 Gen. Supt. C. W. Marsh, Wheeling
 Claim Agt. E. D. Leah
 Pur. Agt. W. E. Higgins, Pittsburgh, Pa.

Energy purchased from Wellsburg Elec. Lt., Ht. & Pwr. Co.
 Repair shops, Follansbee.
 13.52 miles; 4-8½ g; 10 closed motor pass. and 4 misc. cars. ★69

1203—Wellsburg, Bethany & Washington Ry. Co.—Office, 104 8th St., Wellsburg. (Connects Wellsburg and Bethany.)

Pres. T. E. Cramblet..... Bethany
 V. Pres. Sam'l George..... Wellsburg
 Sec. & Gen. Mgr. F. T. McEvoy "
 Treas. & Claim Agt. "
 W. W. Beall..... "
 Audrs. { John Scott..... "
 (Chas. S. Wilson..... "
 Elec. Engr. & Engr. Ovhd. Constr.
 Alex Mewha..... Bethany
 Energy purchased from Wellsburg Elec. Lt., Ht. & Pwr. Co.; repair shops Bethany.
 7.8 miles; 4-8½ g; 3 motor pass., 1 fgt. motor and 4 fgt. without motors. ★59

WHEELING. 43,377 (1916).

1205—Pan-Handle Traction Co.—Office, Wheeling. (Owned, leased and operated by Wheeling Traction Co.) (Connects Wheeling and Wellsburg.)

Pres. Williston Fish.....Pittsburgh, Pa.
 V. Pres. C. P. Billings..... Wheeling
 Sec. W. A. Shirley..... "
 Treas. C. C. McBride... Pittsburgh, Pa.
 Asst. Sec. W. F. Craig..... "
 Audr. M. W. Glover..... "
 Gen. Supt. W. B. Atwood..... Wheeling
 Supt. Edw. Wright..... Wellsburg
 Claim Agt. E. D. Lash..... Wheeling
 Pur. Agt. W. E. Higgins, Pittsburgh, Pa.
 Supt. Equip.
 Daniel Durie..... Connellsville, Pa.
 Ch. Engr. Ways & Struct.
 J. L. Fritsch..... Pittsburgh, Pa.
 M. M., H. Branson..... Wheeling
 Engr. M. of W. W. A. Underwood "
 19.19 miles; 4-8½ g; 8 closed motor pass., 2 exp. motor, 3 work and 4 other motor cars. ★69

1206—The Steubenville & Wheeling Traction Co.—Office, Huron and Zane Sts., Wheeling. (Owned, leased and operated by Wheeling Trac. Co., which see for operating officers.) (Connects Steubenville, Mingo, Brilliant, Rayland and Martin's Ferry, Ohio.)

Pres. Williston Fish...Pittsburgh, Pa.
 V. Pres. R. B. Keating..
 Sec. W. A. Shirley..... Wheeling
 Treas. C. C. McBride... Pittsburgh, Pa.
 Asst. Sec. W. F. Craig... "
 Audr. M. W. Glover... "
 Power sta. at Brilliant, O. (shut down).
 15.42 miles; (9.31) 4-8½ g. and (6.11) 5-2½ g.; 5 closed motor pass., 1 open pass., 12 work and 5 other motor cars. ★69

1207—West Virginia Trac. & Elec. Co.—Office, Wheeling. (This Co. owns and operates a large part of the electric street railway system at Wheeling and supplies city with natural gas; also owns and operates electric street railways, electric light and natural gas plants and water supply systems both in the suburban district of Wheeling and in the City of Morgantown.)

Controls the following:
 City & Elm Grove R. R. Co., which owns a line in City of Wheeling and suburbs extending along the National Road to the Pennsylvania state line; also owns water works and electric light plant formerly operated by Suburban Lt. & Wtr. Co., and Wheeling Park, formerly owned by the Wheeling Park Assn.

Wheeling & Elm Grove Ry. Co. which operates an electric railway in the suburban district of Wheeling, including Fulton, Pleasant Valley, Elm Grove and Triadelphia, which extends to the Pennsylvania state line at West Alexander.

City Ry. Co., operating in Wheeling. Union Utilities Co., which leases Morgantown & Pittsburgh Ry. Co.

City & Suburban Gas Co. (Under management of W. S. Barstow Management Assn., Inc., and controlled by the Eastern Pwr. & Lt. Corpn.)

Pres. W. S. Barstow
 50 Pine St., New York, N. Y.
 V. Pres. & Gen. Mgr.
 J. D. Whittemore..... Wheeling
 Sec. C. N. Wilson
 50 Pine St., New York, N. Y.
 Treas. A. P. Taliaferro.
 25 Nassau St. "
 Asst. Sec., Asst. Treas. & Audr.
 F. J. L. Doyle..... Wheeling

Supts. { H. Ames..... "
 Peter Stanton..... "
 Elec., Gas & Wtr. Lines
 T. Tuttle..... "
 Rys. C. R. Bendell.... "

Gen. Fgt. & Pass. Agt.
 Geo. Noll..... "
 Engr. Pwr. Sta. F. R. Cope.... "
 M. M., James Robinson..... "
 Power sta. equip. 5 d. c. West. tot. 2000 kw; 3 a. c. West. tot. 425 kw. 3 ph. 60 cys; 2500 hp. e. Cpr. Bekye; 2700 hp. b. Stir, Heine; trans. volt. 2200 v; trolley volt. 600 v.

Power stas. at Elm Grove and (City Rys.) Wheeling; repair shops at 12th & McCulloch Sts. and 27th & Wood Sta. Owns Wheeling Park.
 39 miles; 4-8½ g; 74 motor and 6 other cars. ★59

1208—Wheeling Traction Co.—Office, Huron and Zane Sts. (Owns and operates under lease—Panhandle Trac. Co. and Steubenville & Wheeling Trac. Co., owns and operates in name of W. T. Co.—Bellaire South-western Trac. Co. and Wheeling & Western Ry. Co. Operates under lease in name of W. T. Co.—Steubenville, Wellsburg & Weirton Ry. Co., and Steubenville Ry. Co.) (Connects Moundsville, Wheeling, Wellsburg and Weirton, W. Va., and Bellaire, Martins Ferry, Barton, Brilliant, Rayland and Steubenville, Ohio.) (Controlled by the West Penn Rys. Co., which in turn is controlled by the West Penn Trac. & Wtr. Pwr. Co.)

Pres. Williston Fish....Pittsburgh, Pa.
 { R. B. Keating. "
 V. Prests. { Gen. Mgr.
 (C. P. Billings..... Wheeling
 Sec. W. A. Shirley..... "
 Treas. C. C. McBride... Pittsburgh, Pa.
 Asst. Sec. W. F. Craig... "
 Audr. M. W. Glover... "

Gen. Supt. C. M. Marsh..... Wheeling
 Claim Agt. E. D. Lash..... "
 Pur. Agt. W. E. Higgins, Pittsburgh, Pa.
 Supt. Equip.
 Daniel Durie..... Connellsville, Pa.
 Ch. Engr. Ways & Struct.
 J. L. Fritsch..... Pittsburgh, Pa.
 M. M., F. C. Martin..... Wheeling
 Engr. M. of W.

W. A. Underwood..... "
 Power sta. equip. 3 d. c. West. Bull tot. 2000 kw; 3 a. c. West. tot. 3500 kw. 2200-6600 v. 3 ph. 60 cys; 4150 hp. e. Cpr. C. & G; 3250 hp. b. Bab. & W; 3500 kw. stm. turb. West.; trans. volt. 22,000 v; trolley volt. 600 v. d. c.
 Power stas. at 42d St., Wheeling, and Brilliant, Ohio; repair shop, Wheeling. Reaches Moundsville Camp Ground.
 Total miles: operated, 59.23 (5-2½g.),

42.59 (4-8½ g.); owned or controlled, 59.23 (5-2½ g.), 28.50 (4-8½ g.); total cars operated, 107 closed mo. pass., 18 open mo. pass., 20 non-mo. pass., 4 exp. and fgt. mo., 11 work and line mo. and 29 other cars, 3 sweepers; owned or controlled, 94 closed mo. pass., 18 open mo. pass., 20 non-mo. pass., 4 exp and fgt., 11 work and line mo. and 25 other cars; 3 sweepers. (Co. sells energy.) ★69

WISCONSIN.

APPLETON. 17,834 (1916).

1210—Wisconsin Trac. Lt., Ht. & Pwr. Co.—(Consolidation of Appleton Elec. Lt. & Pwr. Co., Fox River Valley Elec. Ry. Co. and Menasha & Neenah St. Ry. Co.) (Purchased Fox River Valley Gas & Elec. Co.) (Connects Appleton, Menasha, Neenah and Kaukauna, and includes local line in Appleton.)

Pres. & Gen. Mgr. John I. Beggs
First Nat. Bk. Bldg., Milwaukee
Sec., Pur. Agt. & Supt.

A. K. Ellis.....Appleton
Ch. Engr. John McCarter..... "

M. M. John W. Stark..... "
Power sta. equip. 2 d. c. Allis-C. tot. 1000 kw; 8 a. c. Allis-C. tot. 14,500 kw. 4000-2300 v. 3ph. 60 cys; 2500 hp. e. Cor; 4340 hp. b. Stirl Spfg; 12,500 kw. stm. turb. Allis-C; 2000 hp. turb. (wtr.) Allis-C; trans. volt. 33,000 v; trolley volt. 600 v.

Power sta. and repair shops at Appleton.

21 miles; 4-8½ g; 19 motor pass. cars and 1 other motor car. (Company does gas and electric lighting.) 59

ASHLAND. 11,594 (1916).

(See also No, 491.)

1211—Ashland Lt., Pwr. & St. Ry. Co.—Office, 212 W. 2nd St. (Operates in Ashland.)

Pres. L. E. Myers
1119 Monadnock Bldg., Chicago, Ill.
V. Pres. L. R. Boisen

1119 Monadnock Bldg., "
Sec. & Treas. W. H. P. Weston "
1119 Monadnock Bldg., "

Audr. E. G. Shaylor.....Ashland
Gen. Supt. W. J. Hodgkins..... "

Asst. to Gen. Supt., R. L. Baisen..... "
Local Supt. Martin H. Juhn..... "
Ch. Engr. Pwr. Sta.

W. S. Reinhardt..... "
Ch. Engr. Stm. Pwr. Sta.
R. S. Wilhelm..... "

Engr. Ovhd. Constr. T. F. Keefe "
Supt. Gas Dept. Fred. England. "

Power sta. equip. 6 a. c. G. E. tot. 8250 kw. 2200 v. 3 ph. 60 cys; 2700 hp. b. Bab. & W; 7250 kw. turb. (stm.) G. E.; 1350 hp. turb. A. & T. (wtr.) Smith; trans. volt. 16,500-33,000 v; trolley volt. 550 v.

Power sta. and repair shops at Ashland. Reaches Lake Park.
6.7 miles; 4-8½ g; 7 motor and 2 other cars. (Company furnishes energy for lighting.) ★29

BELOIT. 18,072 (1916).

(See also Nos. 239 and 240.)

1212—Beloit Trac. Co.—Office, 120 State St.

Pres. Joel B. Dow.....Beloit
V. Pres. R. N. Baylies.....Chicago, Ill.
Sec. O. S. Baylies.....

Treas. W. F. Woodruff.....Rockford, Ill.
Audr. Paul Stich..... "
Gen. Mgr. T. M. Ellis, Jr.....Beloit
M. M., Samuel DeCamp..... "

Energy from Rockford & Interurban Ry. Co.

Repair shops at Beloit.

6 miles; 4-8½ g; 8 motor cars. 118

CEDARBURG. 1,777.

1213—Milwaukee Northern Ry. Co.—(Connects Milwaukee, Cedarburg Port Washington and Sheboygan.)

Pres. Wm. A. Comstock..Detroit, Mich
V. Pres., Gen. Mgr. & Ch. Engr.
F. W. Walker.....Port Washington

Sec. & Treas.
Henry A. Haigh.....Detroit, Mich
Audr. C. R. Bradburn.....Cedarburg

Asst. Gen. Mgr. & Pur. Agt.
John St. John..... "
Ch. Despatcher, A. Montaba..... "

Supt. Mil. City Div.
A. Carlson.....Milwaukee
Engr. Pwr. Sta.

Emil Albi.....Port Washington
M. M. Frank Kittsley.....Cedarburg
Gen. Fgt. & Pass. Agt.

Otto Maske..... "
Roadmaster E. Rutherford... "
Power sta. equip. 2 a. c. Allis-C. tot. 2000 kw. 3 ph. 25 cys; 4000 hp. e. gas

Allis-C; trans. volt. 22,000 v; trolley volt. 660 v.

Power sta. at Port Washington; repair shops at Cedarburg.

70 miles in operation; 4-8½ g; 24 cars. (Will extend line to Fond du Lac from Cedarburg via West Bend, 43 miles.) (Company sells energy.) 118

CHIPPEWA FALLS. 9,395.

(See No. 1214.)

EAU CLAIRE. 18,807.

1214—Wisconsin-Minnesota Lt. & Pwr. Co.—Office, 2-4 So. Barstow St. (Operates st. ry. system in Eau Claire and Chippewa Falls, and interurban line connecting Eau Claire, Chippewa Falls and Altoona.) (Controlled by American Public Utilities Co.)

Pres. J. H. Brewer..Grand Rapids, Mich.
1st V. Pres.

W. B. Parsons...Minneapolis, Minn.
2d V. Pres. & Gen. Mgr.

P. D. Kline.....Eau Claire
Sec. Blaine Gavett..Grand Rapids, Mich.
Treas. W. J. Ripley.

Dist. Audr. H. R. Ellis.....Eau Claire
Dist. Mgr. R. S. Lorraine..... "

Gen. Operg. Supt. Geo. A. Mills..... "
Ch. Engr. V. S. Hillyer..... "

Supt. Ry. E. V. Wahl..... "
Pur. Agt. M. B. Wheeler..... "
Claim Agt. A. C. Crandall... "

Supt. Pwr. Sta. & M. M.
N. N. Buck..... "
WISCONSIN STA. EQUIP.—6 a. c. Allis tot. 39,600 kva; 45,000 hp. turb. (wtr.) Allis.

LA CROSSE STA. EQUIP.—3 turbo-gen. Allis-C., West. tot. 3700 kva; 1500 hp. b. Bab. & W.

DELLS DAM STA. EQUIP.—1 a. c. G. E. 600 kva. 3 ph. 60 cys; 650 hp. turb. (wtr.) Smith.

MENOMONIE STA. EQUIP.—2 a. c. G. E. tot. 1200 kva. 3 ph. 60 cys; 2200 hp. turb. (wtr.) Smith.

CEDAR FALLS STA. EQUIP.—4 a. c. G. E. tot. 7500 kw. 3 ph. 60 cys; 10,800 hp. turb. (wtr.) Allis-C.

CHIPPEWA FALLS STA. EQUIP.—2 d. c. G. E. tot. 375 kw; 1 a. c. G. E. 1200 kw. 3 ph. 60 cys; 2500 hp. turb. (wtr.) Dayton, Globe.

EAU CLAIRE STA. EQUIP.—2 mo-gen. sets G. E. tot. 1000 kw; trans. volt. 120,000-66,000-33,000-13,000 v; trolley volt. 600 v.

Power stas. at Dells Dam, Menomonie, Cedar Falls, Chippewa Falls, Eau Claire

y. service). Wisconsin and La Crosse, tot. installed 56, 787½ kva; repair shop at Eau Claire.

Reaches Electric Park (owned). 25 miles; 4-8½ g; 26 motor and 3 other cars. (Company does a general ltg. & wr. business.) ★59

FOND DU LAC. 21,113 (1916).

1215—Eastern Wisc. Elec. Co.—For executive officers see Sheboygan. (Connects Fond du Lac, North Fond du Lac, Van Dyne, Black Wolf and Oshkosh.)

Local Mgr. M. H. Frank... Fond du Lac Supt. Elec. Dept. & Engr.

Pwr. Sta. Fred H. Whitney... Power sta. equip. 3 d. c. West., G. E. tot. 1000 kw. 600 v; 1 a. c. Allis-C. 1000 v. 2300 v. 3 ph. 60 cys; 1 mo-gen. set West. 200 kw. 1600 hp. e. Allis-C.; 2172 v. b. Bab. & W. Stir; 1000 kw. stm. urb. Allis-C; trans. volt. 2300 v; trolley volt. 600 v.

Power station at Fond du Lac; repair shops at Oshkosh.

Reaches City Park, Fond du Lac and Erveco Park, Oshkosh.

24.529 miles; 4-8½ g; 14 motor and 4 other cars. ★29

GRAND RAPIDS. 6,521.

1216—Grand Rapids St. Ry. Co.—Office, Grand Rapids. (Connects Grand Rapids, Pt. Edwards, So. Centralia and Nekoosa.)

Pres. L. M. Nash... Grand Rapids V. Pres. W. F. Kellogg... Sec. G. M. Hill... Treas. Frank J. Wood... Audr. Ruth Bankert... M. M., M. Jarosinski...

Power leased; repair shops at Grand Rapids.

Reaches park at Nekoosa. 9 miles; 4-8½ g; 3 motor and 2 other cars. 78

GREEN BAY. 29,352 (1916).

1217—Bay Shore St. Ry. Co.—Office, 315 No. Jefferson St. (Connects Green Bay with Town Preble, Bay Beach, Bay View Beach and Harbor View resorts.) (Operation superintended by the Wisconsin Public Service Co.)

Pres. & Gen. Mgr. J. A. Cusick... Green Bay Sec. J. P. Neugent...

Treas. H. J. Cusick... Energy purchased from Wisconsin Public Service Co.

Repair shops at Green Bay. Reaches Bay Beach Park. 2 miles; 4-8½ g; 4 cars. 67

1218—Wisconsin Public Service Co.—Office, 204 N. Washington St., Green Bay. (Superintends operation of Bay Shore St. Ry. and owns Green Bay Gas. & Elec. Co.) (Connects Green Bay and Duck Creek; De Pere, Wrightstown, Little Rapids and Kaukauna.)

Pres. Clement C. Smith 1410 1st Nat'l Bk. Bldg., Milwaukee V. Pres. C. R. Phenicie... Green Bay V. Pres. & Pur. Agt. J. P. Pulliam

1st Nat'l Bk. Bldg., Milwaukee Sec. & Treas. Howard Greene 1st Nat'l Bk. Bldg., Milwaukee

Asst. Sec.-Treas. H. C. Mackay Audr. Miss A. L. Buscher... Green Bay Gen. Supt. A. G. Carson... Supt. Chas. Erdman... Ch. Engr. C. A. Ewing... Claim Agt. Walter Bie...

Ch. Engr. E. A. Blodgett... Manitowoc Pwr. Sta. (W. J. Wadsworth... Crivitz

Pwr. Engr. J. Bedore... Green Bay M. M., J. Jossart... Engr. M. of W., Theodore Hendricks... Engr. Ovhd. Constr. C. M. Hasseler... Power sta. equip. 9 a. c. West. Allis-C. tot. 11,500 kw. 2300-4400 v. 3 ph. 60 & 25 cys; 1600 hp. e. Allis-C; 3200 hp. b. Stir; B. & W. 5500 kw. stm. turb. Allis-C; West. 9600 hp. turb. (wtr.) Allis-C; trans. volt. 66,000, 33,000 & 15,000 v; trolley volt. 625 v.

Power sta. at Green Bay, High Falls and Manitowoc; repair shop at Washington St., Green Bay. 2 sub-stas. tot. cap. 700 kw; 6 rot. conv. Controls Ridge Point Park. Reaches Bay View Beach. 44.6 miles; 4-8½ g; 34 motor and 6 other cars. (Co. also does general lighting and power business in 15 communities.) ★59

JANESVILLE. 14,339 (1916).

1219—Janesville Trac. Co.—Office, 311-313 Jackman Bldg. (Controlled by Union Ry., Gas & Elec. Co., and is operated as part of the Rockford & Interurban Ry. Co., which see for general officers.)

Supt. A. L. Doherty... Janesville Energy purchased from Rockford & Interurban Ry. Co.

Repair shop at Eastern Ave. 6.09 miles; 4-8½ g; 8 motor pass. and 2 other cars. ★69

KENOSHA. 31,576 (1916).

1220—Wisconsin Gas & Electric Co.—Offices, 305 6th St., Racine and Public Service Bldg., Milwaukee. (Operates local lines.) (Absorbed the Watertown Gas & Elec. Co. and the Burlington Elec. Lt. & Pwr. Co.) (Controlled by The Wisconsin Edison Co., Inc.)

Pres. James D. Mortimer, 30 Broad St., New York, N. Y. Asst. to Pres. Edwin Gruhl

V. Pres. S. B. Way... Milwaukee Sec. & Treas. F. J. Boehm... Asst. Sec. & Asst. Treas. James F. Fogarty... New York, N. Y.

Asst. Treas. Robert Sealy Audr. E. Jorgensen... Racine Gen. Mgr. D. E. Callender...

Asst. Gen. Mgr. A. C. Babson... Kenosha Mgrs. {O. Koenes... Watertown {W. J. Leach... Burlington

Ch. Engr. Pwr. Sta. John Anderson... Milwaukee Power sta. equip. 3 a. c. West., Allis-C, G. E. tot. 1900 kw. 2300 v. 3 ph. 60 cys; 550 hp. e. Prov; 1120 hp. b. Stir, Freeman; 2 stm. turb. tot. 1400 kw. G.E. Allis-C; trans. volt. 13,200-26,400; trolley volt. 600 v. Energy also purchased from Milwaukee Lt., Ht. & Trac. Co.

1 sub-sta. 5000-500 kw; 2 rot. conv. West. & G. E. Power sta. at Kenosha, Watertown and Burlington; repair shops at Kenosha. 7.5 miles; 4-8½ g; 13 motor and 4 utility cars. (Company does a general ltg. & pwr. business.) ★69

LA CROSSE. 31,677 (1916).

1221—La Crosse & Onalaska St. Ry. Co.—Office, 300 Main St., La Crosse. (Connects La Crosse and Onalaska.)

Pres. & Gen. Mgr. Peter Valier care La Crosse & S. E. Ry., La Crosse V. Pres. (Miss) Grace Edwards. Treas. R. C. Whelpley Natl. Bk. of La Crosse.

Energy purchased; repair shop at La Crosse. 2.37 miles; 4-8½ g; 2 motor cars. 59

2222—Wisconsin Ry., Lt. & Pwr. Co.
 —For general officers see Wisconsin, Minn.

Gen. Mgr. R. M. Howard La Crosse
 Andr. R. J. Schuch
 Claim Agt. Stanton Gordon
 Pwr. Agt. T. F. Knapp
 Supt. of Tramp.

Charles Mastroman
 Power sta. equip. 2 d. c. G. E. tot. 500 kw; 500 hp. c. Allis-C; 600 hp. b. Scotch. LaCrosse; trans. volt. from Hatfield 45,000 v; trolley volt. 600 v.
 1 sub-sta. cap. 750 kw; 1 rot. conv.; 1 mo. gen.

Power stan. at Hatfield, Wisc. and Wisconsin, Minn.; repair shop at 2nd & La Crosse Sta., La Crosse.

Reaches Fair Grounds and Myrick Park.

16 miles; 4-8½ g; 22 motor pass. and 4 other motor cars. ★59

MADISON. 30,000 (1916).

1224—Madison Railways Co.—Office.
 2202 Fair Oaks Ave. (Successor to Southern Wisc. Ry. Co.)

Pres. F. W. Montgomery Madison
 V. Pres. & Supt.
 Dudley Montgomery
 Treas. Warren Montgomery
 Sec. & Pwr. Agt.
 Hugh Montgomery

Security Audit Co. New York, N. Y.
 Claim Agt. J. Brown Madison
 Ch. Elec. & M. M. M. Stamp

Energy purchased from Madison Gas & Elec. Co.

Repair shop at 2202-8 Fair Oaks Ave.
 16.5 miles; 4-8½ g; 30 motor and 7 other cars. (5 cars to be added.) 59

MANITOWOC. 13,805 (1916).

1225—Manitowoc & Northern Trac. Co.—Controlled by Wisconsin Securities Co. For executive officers see Milwaukee. (Operates in Manitowoc and an interurban line connecting Manitowoc and Two Rivers.)

Power sta. equip. 2 d. c. West. Ft. W. tot. 450 kw; 600 hp. c. Allis-C, Bates; 400 hp. b. Manitowoc; trans. & trolley volt. 550 v. 118

MARINETTE. 14,610.

(See No. 497.)

MERRILL. 8,782.

1226—Wisconsin Valley Elec. Co.—
 For general officers see Wausau.

Local Supt. H. G. Tank Merrill
 Power sta. equip. 1 d. c. G. E. 100 kw; 2 a. c. Allis-C. tot. 1050 kw. 2300 v. 3 ph. 60 cys; 1150 hp. turb. (wtr.) Allis-C.; trans. 2300 v; trolley volt. 500 v.

Power sta. and repair shop at Merrill.
 2 miles; 4-8½ g; 4 cars. 118

MILWAUKEE. 472,000. (1917).

(See also Nos. 213, 516, 1213 and 1215.)

1227—Milwaukee Elec. Ry. & Lt. Co.

—Office, Public Service Bldg., Milwaukee. (Operates Milwaukee Lt., Ht. & Trac. Co., which Co. has interurban lines to Racine, Kenosha, Waukesha, Watertown, E. Troy and Burlington, and suburban lines to Wanatona, West Allis, Fox Point, North & South Milwaukee, and Whitefish Bay.) (Controlled by The Wisconsin Edison Co., Inc., which in turn is controlled by the North American Co., 30 Broad St., New York.)

Pres. Jas. D. Mortimer, New York, N. Y.
 Asst. to Pres. Edwin Gruhl
 V. Pres. Chas. F. Pfister Milwaukee
 V. Pres. & Gen. Mgr.
 S. B. Way

Sec. & Asst. Treas.

J. F. Fogarty New York
 Treas. G. R. Sheldon
 Asst. Sec. Robt. Randall
 Asst. Sec. & Asst. Treas.
 F. J. Boehm Milwaukee
 Asst. H. A. Muffett

Gen. Mgr. G. M. Van Dersce.
 Gen. Andr. Geo. W. Kalweit
 Pwr. Agt. Fred. V. Benz
 Supt. Tramp.

Gen. Kammmeisler, Jr.
 Claim Agt. M. S. Rausch
 Supt. Rolling Stock, J. H. Lucas
 Ch. Engr. of Pwr. Plants,
 John Anderson

Elec. Engr. Geo. G. Post
 Engr. W. & S., R. H. Finkley.

Power sta. equip. 13 d. c. G. E. 14,650 kw; 21 a. c. G. E., Allis-C. 80,300 kva. 13,300-4000 v. 3 ph. 25 cys; 38,244 hp. b. Edge Moore, Freeman; 73,400 kw. turb. (stm.) Allis-C. E; trans. volt. 13,300-26,400-66,000 trolley volt. 1200 & 600 v. d. c. purchases energy from Southern Pwr. Co. (6,000 kw.) and Wisc. Pwr. Co. (9,000 kw.)

15 sub-stas. (one with auto cont.) cap. 126,500 kw; 35 rot. conv. tot. 33,600 kw.

Power stan. at Onida St., Pub. Bldg., Commerce St., Holton St. Racine; repair shops at 38th St. & Spring Ave., Milwaukee.

403.17 miles; 4-8½ g; 611 motor & 113 trail pass. and 70 other motor

Operates lighting and power systems in Milwaukee, Racine, Wauwatosa, So. Milwaukee, Rochester, Watertown, Pewaukee, East Troy, Mukwonago, W. Allis, Cudahy and Shorewood and sells energy to other utilities in Milwaukee, Racine, Kenosha, Watertown, Watertown, North Milwaukee Honey Creek and New Butler.)

1227a—Wisconsin Securities Co.

1408 1st National Bank Bldg. (Holds company controlling through stock ownership Wisconsin Public Service Co., Green Bay; Wisconsin Ry., Pwr. Co., La Crosse; Sheboygan & Oshkosh Interurban Co., Oshkosh & Calumet Service Co.)
 Pres. Clement C. Smith Milwaukee
 V. Ludington Patton
 Prests. Oliver C. Fuller
 Sec. & Treas. Howard Greene

NEENAH. 5,734.

(See No. 1210.)

ONALASKA. 1,146.

(See No. 1221.)

OSHKOSH. 36,065 (1916).

(See also No. 1215.)

1228—Eastern Wisc. Elec. Co.—
 executive officers see Sheboygan

(Operates Oshkosh St. Ry., Oshkosh Neenah Interurban line and Oshkosh & Omro Interurban line. Connected Oshkosh, Neenah and Omro.)

Local Mgr. B. W. Arnold Oshkosh
 Engr. Pwr. Sta. Fred Johnson
 M. M., Earl F. Harra
 Track Fmn. M. Horan
 Roadmaster A. Kaericher

Power sta. equip. 2 d. c. G. E. tot. 4 kw; 1 double current G. E. 500 kw; 18 hp. e; 1800 hp. b. Bab. & W; trolley volt. 600 v.

Power sta. and repair shop at Oshkosh. Owns an amusement park in Oshkosh. 42.470 miles; 4-8½ g; 31 motor and other cars.

PORT WASHINGTON. 3,792.
(See No. 1213.)

RACINE. 46,486 (1916).
(See No. 1220.)

SHEBOYGAN. 28,559 (1916).

120—Eastern Wisc. Elec. Co.—Office, 128 No. 8th St. (Owns and operates what was formerly the Sheboygan Elec. Co., the Eastern Wisc. Ry. & Lt. Co., the Wisconsin Elec. Ry. Co., and the Milwaukee and Fox River Valley Ry. Connects Sheboygan, Sheboygan Falls, Plymouth, Crystal Lake and Elkhart Lake.) (Owned and operated by Kelsey, Brewer & Co., Grand Rapids, Mich.)

es. Jos. H. Brewer, Grand Rapids, Mich.
Pres. & Gen. Mgr.

Harry R. Ellis..... Sheboygan
c. Blaine Gavett, Grand Rapids, Mich.
eas. W. J. Ripley..... "

dr. Paul Stark..... "
t. Transp. & Rolling Stk.

C. E. Warwick..... Sheboygan
l. Engr.

L. B. Andrus... Grand Rapids, Mich.
ec. Engr. E. M. Hervey.. Sheboygan

b. Engr. Pwr. Sta.
L. P. Fessenden..... "

M., J. L. Curtis..... "
Power sta. equip. 3 d. c. Stan. G. E.

st. 1250 kw; 6 a. c. Stan. G. E. Allis-C.
st. 8500 kw. 2300 v. 2 and 3 ph. 60 cys;

150 hp. e. Allis-C, West; 2250 hp. b.
ab. & W; 6750 kw. stm. turb. G. E.

llis-C.; trans. volt. 13,200 v; trolley
olt. 650 v. d. c.

1 sub-sta. 400 kw. 2 mo. gen. sets.
Power sta. at N. 8th St. & Maryland

ve; repair shop at So. 8th St. & Clara
ve.

Reaches Lake View and Crystal Lake,
owned by the Company.

34 miles; 4-8½ g; 34 motor and 10 other
ars. (Company does general ltg. & pwr.
business.) ★69

SUPERIOR. 46,226 (1916).
(See No. 503.)

WALWORTH. 755.

**1230—Chicago, Harvard & Geneva
Lake Ry. Co.—**Office, Walworth.
(Connects Harvard and Big Foot, Ill.,
and Walworth and Fontana, Wis.)

Pres. Wm. McKinley,
29 So. La Salle St., Chicago, Ill.

V. Pres. C. F. Propst
803 Harris Trust Bldg., "

Sec. C. N. Hebner..... Oak Park
Gen. Mgr., Cl. Agt. & Pur. Agt.

E. E. Downs..... Walworth
Audr. A. D. Simonson..... "

M. M., Fred. Robinson..... "
Energy purchased from Walworth Ltg.
Plant.

Repair shop at Walworth.
Reaches Geneva Lake.

12.83 miles; 4-8½ g; 3 motor pass.
1 trail pass. and 15 other cars; 2 elec.
locos. (Company does freight business
and interchanges with Chicago & North-
western Ry. and Chicago, Milw. & St.
Paul. Ry.) ★59

WAUPACA. 2,789.

**1231—Waupaca Elec. Service & Ry.
Co.—**Office, Waupaca. (Successor
to Waupaca Elec. Lt. & Ry. Co.)
(Connects Waupaca and Wisconsin
Veteran's Home and Grand View
Hotel.)

Pres., Gen. Mgr. & Pur. Agt.
E. A. Aspnos..... Waupaca

V. Pres.

Freeman Hibbard, Minneapolis, Minn.
Sec. & Treas. Wm. Dressen.. Waupaca
Engr. Pwr. Sta.

W. C. Rasmussen..... "
Power sta. equip. 1 d. c. G. E. 150 kw;
1 a. c. Elec. Mch. 160 kw. 220) v. 3 ph.
60 cys; 200 hp. e. Erie; 160 hp. b. Erie;
210 hp. turb. (wtr.) Lef; trans. volt. 2200
v; trolley volt. 550 v.

Power sta. and repair shop at Wau-
paca.

Owns park at Chain-O-Lakes.

5 miles; 4-8½ g; 4 motor pass., 3
trail pass. and 4 other cars. (Com-
pany furnishes energy for lighting and
power.) 118

WAUSAU. 19,239 (1916).

1232—Wisconsin Valley Elec. Co.—

Office, 206-208 3rd St., Wausau. (Suc-
cessor to Wausau St. R. R. Co.) (Pur-
chased property of Merrill Ry. & Ltg.
Co. Connects Wausau, Schofield and
Rothschild.)

Pres. C. C. Yawkey..... Wausau

V. Pres. B. F. Wilson..... "

Sec., Treas. & Gen. Mgr.

M. C. Ewing..... "

Audr. Wm. Anderson..... "

Supt. Ovhd. Constr. R. B. Carter..... "

Power sta. equip. 2 d. c. Allis-C. C-W.

tot. 800 kw; 3 a. c. Natl. Allis-C. tot.

1600 kw. 220-110 v. 3 ph. 60 cys; 1800 hp.

b. Heine; 2250 kw. stm. turb. G. E. &

Allis-C, 2800 hp. turb. (wtr.) Lef, Allis-
C; trans. volt. 44,000 v.; trolley volt.

500 v.

Power sta. at Plummer Island, Wau-
sau; repair shops and car barns at

DeKalb St., Wausau.

Owns and reaches Rothschild-Park.

9.08 miles; 4-8½ g; 10 motor and 6

other cars. (Company does general ltg. &
pwr. business.) ★29†

WYOMING

CHEYENNE. 11,320.

1233—Cheyenne Elec. Ry. Co.—P. O.

Box 373, Cheyenne. (Connects

Cheyenne and Ft. Russell.)

Pres. J. A. Martin..... Cheyenne

V. Pres. A. D. Johnson..... "

Sec. & Treas. G. E. Abbott..... "

Audr. H. L. Davis..... "

Supt. C. F. Smith..... "

Energy purchased from Cheyenne Lt.,
Fuel & Pwr. Co.

Repair shops at Pioneer Park.

Reaches Pioneer Park (owned).

5.5 miles; 4-8½ g; 7 motor pass.,
and 10 trail pass. cars. ★59

SHERIDAN. 8,906.

1234—Sheridan Ry. Co.—Office, Sheri-

dan. (Successor to Sheridan Ry. & Lt.

Co.) (Connects Sheridan, Ft. Macken-

zie, Dietz, Carneyville and Monarch.)

Pres. J. Emanuel

V. Pres. A. B'way, New York, N. Y.

Sec. Wm. F. Breidenbach.. Dayton, Ohio

Treas. B. F. Perkins..... Sheridan

Gen. Mgr. D. W. Jones..... "

M. M., James McCoy..... "

Energy purchased from Sheridan

County Elec. Co.; trolley volt. 600 v.

1 sub-sta. cap. 525 kw; 2 d. c. rot. conv.

West.

Repair shop at Sheridan.

16.5 miles; 4-8½ g; 8 motor and 4 other
cars. 59

CANADA.

ALBERTA

CALGARY. 84,000 (est. 1916).

1235—Calgary Munic. Ry.
St. Ry. Commr. A. G. Graves.. Calgary
Supt. & Pur. Agt.
Thos. H. McCauley..... "
Supt. Pwr. J. F. McColl..... "
Energy from plant owned by city
(which purchases energy from Calgary
Wtr. Pwr. Co.)
Repair shops at 2nd St., E.
Reaches Bowness Park and St. George's
Public Park.
75 miles; 4-8½ g; 78 motor and 6
freight cars, 1 work and 1 scenic car; 3
sprinklers. ★59

EDMONTON. 68,500 (est. 1916).

1237—Edmonton Munic. St. Ry.—
Office, 80th St. and 117th Ave.
Comr. A. Ormsby, Civic Bldg. Edmonton
Treas. F. Barnhouse " "
Audr. D. Mitchell. " "
Supt. & Pur. Agt. J. H. Moir. " "
Claim Agt.
A. R. Duncan.. Civic Bldg., " "
City Engr.
A. W. Haddow " "
M. M., A. Laing..... " "
Roadmaster & Engr. Ovhd..... " "
Constr. W. J. Brunless..... " "
Energy purchased from Alliance Pwr.
Co., Ltd., which company leased plant
from City of Edmonton; trans. volt. 6600
v; trolley volt. 575 v.
Repair shops at 80th St. & 117th Ave.
Reaches East End City Park.
54 miles; 4-8½ g; 74 pass. motor and 5
other motor cars; 1 flat car. ★59

LETHBRIDGE. 11,000 (est. 1916).

1238—Lethbridge Munic. Ry.—Office
City Hall, Lethbridge.
Comr. Public Utilities
M. Freeman..... Lethbridge
Sec. & Treas. E. H. Derricott. " "
Audr. J. R. Patterson..... " "
Elec. Engr. R. Guilbault.... " "
Ch. Engr. Pwr. Sta. J. Watson " "
Engr. M. of W. & Ovhd. " "
Constr. W. Simons..... " "
Power sta. equip. 2 d. c. Siemens, Eng-
land. tot. 600 kw; 2 a. c. Belliss & Mor-
com, tot. 938 kw. 2200 v. 2 ph. 60 cys;
1100 hp. e. Belliss & Morcom; 2400 hp. b.
Bab. & W; 1500 kva. stm. turb. Willans
& Robinson; trans. volt. 2200 v; trolley
volt. 600 v.
Repair shop at car barns.
Reaches Henderson Park (owned by
City).
10.5 miles; 4-8½ g; 10 motor cars. 118

BRITISH COLUMBIA

NELSON. 4,476.

1239—Nelson St. Ry. Co., Ltd.
(Munic.)—Office, Front St.
Sec. & Treas.
W. E. Wasson, P. O. Box 1028, Nelson
Audr. J. Lawrence..... " "
Gen. Mgr. & Ch. Engr.
Herbert P. Thomas... Box 162 " "
Supt. F. C. Ingram..... " "
Ch. Engr. Pwr. Sta.
Thos. Needham... Bonnington Falls
Pwr. sta. equip. 2 d. c. Allis-C. West.
550 kw; 2500 hp. wtr. turb. Allis-C;
trans. volt. 12,000 v; trolley volt. 550 v.
Power sta. at Bonnington Falls on
Kootenay River; repair shop at Nelson.
Reaches Lake Side Park (owned by
City).
4 miles; 4-8½ g; 2 cars. 59

NEW WESTMINSTER. 17,200.

1240—British Columbia Elec. Ry.
Co., Ltd.—Office, Columbia St. (Op-
erates line to Sapperton, Millside and
Queensborough.) For general offices
see Vancouver.
Supt. W. H. Elson.. New Westminster
25.472 miles; 4-8½ g. ★59

1241—British Columbia Elec. Ry.
Co., Ltd. (Fraser Valley Branch—
New Westminster to Chilliwack.) For
general officers see Vancouver.
Supt. W. H. Elson... New Westminster
Sub-stas. at Cloverdale, Langley,
Matsqui, Sumas and Chilliwack.
75.402 miles; 4-8½ g. ★59

VANCOUVER. 120,000.

1242—British Columbia Elec. Ry.
Co., Ltd.—Head office, 34 Nicholas
Lane, Lombard St., London, Eng.
Local office, Hastings & Carrall Sts.,
Vancouver, B. C. (Company operates
city and suburban lines in Vancouver,
Victoria, No. Vancouver and New
Westminster; three interurban lines
connecting Vancouver with New West-
minster; interurban line connecting
Vancouver with Steveston and inter-
urban line from New Westminster to
Chilliwack. See also New Westminster,
Victoria and Fraser Valley Branch.)
Chairman,
R. M. Horne-Payne... London, Eng.
Actg. Sec. I. Davidson... "
Gen. Mgr. George Kidd... Vancouver
Asst. Gen. Mgr. W. G. Murrin. " "
Gen. Exec. Asst. F. R. Glover. " "
Solicitor, V. Laursen..... " "
Compt. E. H. Adams..... " "
Local Sec. J. V. Armstrong... " "
Gen. Fgt. & Pass. Agt.
W. D. Power..... " "
Pur. Agt. P. Lewis..... " "
Traffic Supt. Wm. H. Dinamore " "
Elec. Supt. J. I. Newell..... " "
Power sta. equip. (Lake Buntzen) 10
a. c. C. G. E. West. Dick Kerr, tot.
47,700 kw. 2200 v. 3 ph. 60 cys.
Vancouver stm. auxiliary, 12,500 kw.
stm. turb. Allis-C; trans. volt. 35,000 v.
trolley volt. 550-600 v.
Sub-stas. at Vancouver, Point Grey,
N. Vancouver, So. Vancouver, Lulu
Island, Burnaby, New Westminster,
Langley, Matsqui, Cloverdale, Sumas
and Chilliwack; repair shops at Van-
couver and New Westminster.
Reaches Stanley Park, Central Park,
English Bay and Kitsilano Beach.
366.06 miles (185.02 city and 181.04
interurban lines); 384 passenger, 19 ex-
press and baggage, 456 freight and 58
other cars; 17 locomotives. (Co. does a
general lighting and power business.)
★59

VICTORIA. 55,000.

1243—British Columbia Elec. Ry.
Co., Ltd.—For general officers see
Vancouver. (Operates city lines
(41.55 miles) and an interurban line
between Victoria and Saanich (24.29
miles), known as the Saanich Inter-
urban Line.)
Local Mgr. A. T. Goward..... Victoria
Mgr. Lt. & Pwr. Dept. S. J. Halls " "
Supt. City Lines, H. Gibson.... " "
Pur. Agt. A. R. Richardson.... " "
Elec. Engr. G. M. Tripp..... " "
Engr. M. of W. E. N. Horsey... " "
M. M., W. H. Armstrong..... " "
Energy purchased from Vancouver Is-
land Pwr. Co; trans. 60,000 & 17,500 v;
42 transf. West, C. G. E. tot. 49,200 kw;
2-300 kw. rot. conv; 2-1000 kw. mo. gen.

G. E.; 2-1000 kw. mo. gen. West. tot. 00 kw. 2200 v. 3 ph. 60 cys; trolley lt. 550 v.
 Auxil. steam sta. at Victoria, 1 d. c. West. 500 kw. 550 v; 5 a. c. C. G. E., est. tot. 2720 kw. 2200 v. 3 ph. 60 cys; 00 hp. e. Laurie; 2500 hp. b. Bab. & Climax.
 Controls Gorge Park and reaches Oak y Park and Beacon Hill Park.
 65.84 miles; 4-8½ g. ★79

MANITOBA.

BRANDON. 17,500 (est. 1916).
144—Brandon Municipal Ry.—Office City Hall, Brandon.
 ity Treas. G. F. Sykes..... Brandon
 ity Audr. J. B. Beveridge..... "
 apt. Thos. Boden..... "
 rmn. Car Barn T. E. Jones..... "
 1st St. & College Ave., "
 Energy purchased from Canada Gas & lec. Corp; 2 d. c. C. G. E. tot. 870 kw; 1 n. mo. C. G. E. 435 kva. 2300 v. 3 ph. 0 cys; trans. volt. 550-600 v.
 Car barn at 1st St. & College Ave., ranson.
 Reaches Fair Grounds.
 10.31 miles; 4-8½ g; 10 motor and 10 ther cars. ★59

WINNIPEG. 225,000 (est. 1916).

245—Winnipeg Elec. Ry. Co.—Office, Elec. Ry. Chambers. (Operates Suburban Rapid Transit Co., and Winnipeg, Selkirk and Lake Winnipeg Ry.) (Connects Winnipeg, St. Boniface, Selkirk, Stonewall and Headingly.)
 Pres. Sir Augustus Nanton... Winnipeg
 Gen. Mgr. A. W. McLemont..... "
 Sec. F. Morton Morse..... "
 Treas. J. S. Mackenzie..... "
 Asst. Sec. L. Polk..... "
 Asst. Treas. G. A. Henson..... "
 Audrs. Marwick, Mitchell, Peat & Co " Internal Audr. A. R. Ross..... " Gen. Supt. F. L. Butler..... " Pur. Agt. F. J. Pratt..... " Traffic Supt. R. R. Knox..... " Claim Agts. Moran, Anderson & Guy..... " Elec. Engr. & Engr. Ovhd. Constr. " Consulting Elec. Engr. W. Nelson Smith..... " Ch. Engr. Pwr. Sta. F. W. Woodman..... Pinawa Supt. Rolling Stk. W. H. McAloney..... Winnipeg Engr. M. of W., S. Wilkins..... " Winnipeg Power plant equip.—3 d. c. C. G. E. tot. 1850 kw; 5 a. c. Allis-C. G. E. tot. 2800 kw; 2800 v. 60 cys; 7400 hp. e. (stm.) G. & M; 7000 hp. b. Heine, Bab. & W; 9000 kw. stm. turb. C. G. E; 6100 hp. wtr. turb. Bab. & W; trans. volt. 60,000 v; trolley volt. 575 v.
 Pinawa hydro-elec. plant equip.—9 a. c. C. G. E. tot. 14,000 kw; 33,000 hp. wtr. turb. Morgan Smith.
 6 sub-stas. tot. cap. 13,500 kw; 14 mo. gen. sets.
 Repair shops at Main St. & Assiniboine Ave.
 Owns and controls River Park; reaches Assiniboine and Kildonan Parks.
 172.6 miles; 4-8½ g; 333 motor and 20 other cars. (Company furnishes energy for lighting and commercial purposes and operates gas works in Winnipeg and vicinity.) ★59

1246—Winnipeg, Selkirk & Lake Winnipeg Ry.—Office, Electric Railway Chambers. (Operated by Winnipeg Elec. Ry.) (Connects Winnipeg, Selkirk and Stonewall.)

Pres. F. M. Morse..... Winnipeg
 V. Pres. Geo. V. Hastings..... "
 Sec. L. Palk..... "
 Treas. J. S. Mackenzie..... "
 Audrs. Marwick, Mitchell & Co. "
 Gen. Mgr. A. W. McLimont... "
 Supt. G. Pettingell..... Selkirk
 Claim Agt. Moran, Anderson & Guy... Winnipeg
 Pur. Agt. F. J. Pratt..... "
 Elec. Engr. "
 Energy purchased from Winnipeg Elec. Ry. Co.; trans. volt. 13,200 v; trolley volt. 600 v.
 3 sub-stas. tot. cap. 2200 kw; 6 mo. gen. sets C. G. E.
 Repair shops at Selkirk.
 40 miles; 4-8½ g; 9 motor and 27 other cars. (Sells energy for lgt. to Selkirk, and does general lgt. & pwr. business in other municipalities.) ★69

1247—Suburban Rapid Transit Co.— (Line extends from Winnipeg to Headingly on the north, and beyond the city park on the south side of the Assiniboine River.) (Operated by Winnipeg Elec. Ry. Co.)
 Energy purchased from Winnipeg Elec Ry. Co.; trans. volt. 22,000 v; trolley volt. 600 v.
 1 sub-sta. cap. 2200 kw; 2 mo. gen. sets C. G. E.
 Repair shops at Winnipeg.
 20.021 miles; 4-8½ g; 10 cars. (Rented from Winnipeg Elec. Co.) 59

NEW BRUNSWICK.

MONCTON. 11,345 (1916).

1247a—Moncton Tramways, Electricity & Gas Co., Ltd.—Office, Moncton. (Operates in Moncton.)
 Pres. Robert Law, Jr. 21 E. 40th St., New York, N. Y.
 V. Pres. E. B. Reeser.. "
 Sec. & Treas. E. O. Bartlett..... "
 Asst. Sec. & Treas. & Pur. Agt. E. A. Cummings..... Moncton
 Supt. & Elec. Engr. Geo. Scott.. "
 Ch. Engr. Jasper Metcalf..... "
 M. M. & Roadmaster, Fred Brau..... "
 Power sta. equip. 1 d. c. C. G. E. 225 kw; 2 a. c. C. G. E. tot. 600 kw. 1100 v. 2 ph. 60 cys; 600 hp. e; 750 hp. b. Robb; trolley volt. 550 v.
 Power sta. and repair shops at 38 Mechanic St., Moncton.
 2.5 miles; 4-8½ g; 4 motor pass. cars and 1 other car. (Company does general lgt. & pwr. business.) ★59

ST. JOHN. 42,511 (1916).

1248—New Brunswick Power Co.— Office, cor. Dock and Union Sts. (Has taken over The St. John Ry. Co. and Eastern Elec. Co., Ltd.) (Connects St. John, West St. John, East St. John, Fairville, Lancaster and Coldbrook.)
 Pres. L. R. Ross..... St. John
 Treas. G. M. O. Peters..... "
 Sec., Gen. Mgr. & Pur. Agt. H. M. Hopper..... "
 Elec. Engr. & M. M. H. A. Brown " Engr. Pwr. Sta. J. Geary..... "
 Power sta. equip. 2 d. c. C. G. E. West. tot. 1400 kw; 4 a. c. C. G. E. tot. 3500 kw. 2300 v. 3 ph. 60 cys; 4000 hp. e. Robb & Laurie; 3200 kw. turb. (stm.) G. E. West; 6000 hp. b. Bab. & W; trolley volt. 550 v.
 Power sta. and repair shop at St. John. Owns Seaside Park, West St. John.

25 miles; 4-8½ g; 91 cars. (Company furnishes gas and electric lighting and power.) ★59

ST. STEPHEN. 2,336 (1916).

(See No. 379.)

NOVA SCOTIA.

HALIFAX. 46,619 (1916.)

(See also No. 1335.)

1249—Nova Scotia Tramway & Power Co., Ltd.—Office, 422-4 Barrington St. (Has taken over Halifax Elec. Tramway Co.)

Pres. A. Stuart Pratt

147 Milk St., Boston, Mass.

Sec.-Treas. & Mng. Dir.

H. P. Mallison..... Halifax

Claim Agt., Rainie & Keator

10 Prince St., "

Storekeeper J. F. Seriven..... "

Supt. Ch. Engr. Pwr. Sta. & M.M.,

P. A. Freeman, 5 Lower Water St. "

Supt. Transp. J. W. DeYoung "

Engr. Ovhd. Constr. W. S. Soper "

Power sta. equip. 4 a. c. C. G. E. tot. 6200 kw. 2300 v. 3 ph. 60 cys; 1600 hp. e. Prov; 5000 kw. turb. (stm.) C. G. E.; 4500 hp. b. Bab. & W; trans. 2300 v; trolley volt. 575 v.

Power sta. and repair shops at Lower Water St.

Reaches Public Gardens, Spring Garden Road, Point Pleasant and N. W. Arm.

21.173 miles; 4-8½ g; 62 motor cars. (Company also controls the city lighting and gas supply.) ★59

NEW GLASGOW. 6,386 (1916).

(See No. 1250.)

STELLARTON. 3,910 (1916).

1250—Pictou County Elec. Co., Ltd.—Office, Stellarton. (Connects New Glasgow, Stellarton, Westville & Trenton.)

Pres. Chas. A. Flaherty

Exchange Bldg., Boston, Mass.

V. Pres., Mgr. & Pur. Agt.

Leonard T. Flaherty..... Stellarton

Sec. & Treas. Wm. B. Rogers

Exchange Bldg., Boston, Mass.

Audr. F. H. Oxley..... Halifax

Supt. Ry. C. F. McQuarrie. New Glasgow

Ch. Engr. Pwr. Sta.

N. J. Miller..... "

M. M., Wm. Thompson..... Stellarton

Roadmaster, Jas. Marshall, New Glasgow

Power sta. equip. 6 d. c. C. G. E. tot. 675 kw; 4 a. c. C. G. E. tot. 975 kw. 2300 v. 3 ph. 60 cys; 2508 hp. e. Robb, Harris b; 1050 hp. b. Robb, Matheson; trolley volt. 550 v.

Power sta. and repair shops at Stellarton.

9.5 miles; 4-8½ g; 14 motor and 4 other cars. (Co. does lighting and power business.) ★60

SYDNEY. 17,723 (1916).

1251—Cape Breton Elec. Co., Ltd.—Office, Esplanade, Sydney. (Company does the entire electric lighting and electric railway business in Sydney, the entire electric lighting business in Sydney, the ferry business between Sydney and North Sydney, and an interurban line between Sydney and Sydney Mines.)

and Sydney & Glace Bay Ry.

Co., Ltd., an interurban line (10 miles) between Sydney and Glace Bay, which is operated under lease.)

Pres. A. Stuart Pratt

147 Milk St., Boston, Mass.

V. Pres. Frederick S. Pratt

147 Milk St., "

Sec. Edw. T. Crawford

147 Milk St., "

Treas. Henry B. Sawyer.. "

Gen. Mgrs.

Stone & Webster..... "

Local Mgr. C. C. Curtis..... Sydney

Supt. Ry.

J. B. Bulley, 65 Whitney Ave., "

Claim Agts. Young & Lorway

181 Charlotte St., "

Supt. Ferry Dept.

Capt. J. E. Muggah..... "

Supt. Distr. C. J. Campbell..... "

Ch. Engr. Pwr. Stn. A. C. Webber..... "

M. M., James Sharpe..... "

Power sta. equip. 3 d. c. C. G. E. tot. 700 kw; 3 a. c. C. G. E. tot. 1100 kw.

2200 v. 2 ph. 60 cys; 1875 hp. e. Laurie & Robb; 1300 hp. b. Robb; 500 kw. stm. turb. C. W., Allis-C; 1 mo. gen. C. G. E.

300 kw; trans. volt. 22,000 v; trolley volt. 600 v.

Power stas. (1800 kw. cap.) at Townsend St., Sydney and N. Sydney; repair shops at Sydney, No. Sydney and Glace Bay; sub-stas. at No. Sydney and Reserve each containing 1 mo-gen. 300 kw.

30.59 miles owned, 19 miles leased: 4-8½ g; 24 motor and 9 other cars. ★29

YARMOUTH. 6,600 (1916).

1252—Yarmouth Lt. & Pwr. Co., Ltd.—Office, Yarmouth. (Successor to Yarmouth St. Ry. Co., Ltd.)

(Operates in Yarmouth only.)

Pres. & Pur. Agt. Carl M. Pihl

50 Congress St., Boston, Mass.

V. Pres. Thos. L. Wiles

50 Congress St., "

Sec. & Com'l Supt.

D. B. Stoneman..... Yarmouth

Treas. & Audr. A. J. Markle

50 Congress St., Boston, Mass.

Supt. & Ch. Engr. J. C. Ross.. Yarmouth

Power sta. equip. 1 d. c. C. G. E. 150 kw; 3 a. c. C. G. E. tot. 525 kw. 2200 v. 3 ph. 60 cys; 400 hp. e. Robb, Leonard; 373 hp. b. Can. Fdy; 400 hp. wtr. turb. Smith; trans. volt. 22,000 v.; trolley volt. 550 v.

Power sta. and repair shops at Yarmouth.

Owns park, one mile from Yarmouth.

3 miles; 4-8½ g; 6 motor cars. (Company furnishes lighting and motor power for factories.) ★69

ONTARIO.

AMHERSTBURG. 2,560 (1916).

(See No. 1293.)

BRANTFORD. 23,132 (1916).

(See also No. 1260.)

1255—Brantford Munic. Ry.—Office, 303 Colborne St., Brantford. (In 1914 the city took over the Brantford St. Ry. Co. and the Grand Valley Ry. Co.)

(Operates in Brantford and connects this city with Paris.)

Bd. of Chmn. F. J. Calbeck.. Brantford

Ry. { W. R. Turnbull..... "

Comrs. { C. H. Hartman..... "

Sec., Gen. Mgr. & Pur. Agt,

A. H. Foster..... "

M. M., J. A. Bawtinheimer.... "

Supt. Track. Alex. Topp..... "

Energy purchased from Hydro-Elec.

Pwr Comm. of Ont. at Brantford, 2 mo-gen. sets tot. 400 kw; at Paris, rot. conv. 200 kw; trolley volt. 550-600 v.

Repair shops at Brantford.
 Reaches Mohawk Park (owned by city).
 29.76 miles (9 city and 20.76 inter-urban); 4-8½ g; 13 motor cars and 1 work car; 2 sweepers; 1 plow. ★59

CHATHAM. 10,770 (1916).

1256—Chatham, Wallaceburg & Lake Erie Ry. Co.—Office, 253 King St., Chatham. (Connects Chatham and Wallaceburg.)

Pres. R. G. O. Thompson
 43 Victoria St., Toronto
 V. Pres. J. D. Morton.....
 Sec. & Treas. H. S. Gansby.....
 Audr. Fgt. Acct. C. F. Waugh, Chatham
 Gen. Mgr. W. J. Curle.....
 M. M., A. A. Taggart.....
 Acctant. R. C. Bissett.....
 Power sta. equip. 2 d. c. Ridgway tot. 600 kw. 550 v; 900 hp. e. Ridgway; 750 hp. b. Bab. & W; trans. & trolley volt. 550 v. Energy purchased from Hydro-Elec. Pwr. Comm. (Niagara System.)
 Power sta. and repair shops at Chatham.

Reaches Erie Beach on Lake Erie (controlled.)
 40.77 miles in operation; 4-8½ g; 8 mo. pass., 2 trail pass. and 89 fgt. cars; 1 other car; 2 elec. locos. (Has freight interchange with Michigan Central R. R. at Charing Cross, Canadian Pacific Ry. at Chatham, the Pere Marquette R. R. at Wallaceburg, the Wabash R. R. and the Grand Trunk Ry.) ★59

CORNWALL. 6,598 (1916).

1257—Cornwall St. Ry., Lt. & Pwr. Co., Ltd.—Office, Second St.

Pres. S. H. Ewing..... Montreal, Que.
 V. Pres. Abner Kingsman
 Sec. & Treas. E. A. Macnutt.....
 Audr. P. S. Ross & Co.
 Gen. Mgr. & Ch. Engr.
 C. U. Peeling..... Cornwall
 Power sta. equip. 3 d. c. North, G.E. tot. 600 kw; 300 hp. e. Robb; 300 hp. b. Robb; 400 hp. wtr. turb. S. Morgan Smith; trolley volt. 550 v.
 Power sta. (water power), south of Cornwall Canal.
 Repair shops north of Cornwall Canal.
 Owns St. Lawrence Park.
 6 miles; 4-8½ g; 10 pass. motor cars; 2 elec. locos; 1 sweeper. ★59

FORT WILLIAM. 16,499 (1196).

(See also No. 1279.)

1258—Fort William Electric Ry. (Munic.)—Office, City Hall. (Operates in Ft. William and connects with Port Arthur Civic System.)

Chmn. Committee, G. MacDonald
 Victoria Ave., Fort William
 Treas. Harry James.....
 Audr. Chas. England.....
 Gen. Mgr. A. L. Farquharson..
 Traffic Mgr. M. E. Morton...
 M. M., E. H. Workman.....
 Energy purchased from Kaministiquia Pwr. Co.
 P sub-sta. 3 d. c. C. G. E. Allis-C. tot. 1675 kw; trolley volt. 550 v.
 Car barn at Waish St.
 Reaches Murphy Park.
 19.8 miles; 4-8½ g; 26 pass. motor and 3 trail cars; 1 work car; 1 sweeper. (City manages lighting and telephone utilities.) ★59

GALT. 10,299 (est. 1916).

1259—Grand River Railway—Office, 8 N. Water St. (Operates Galt, Preston & Hespeler Ry. and Preston &

Kitchener Street Ry.) (Connects Galt, Preston, Hespeler, Kitchener and Waterloo, and connects with Lake Erie & Northern Ry.)

Pres. Sir. A. D. McTier
 C. P. R., Montreal, Que.
 V. Pres. & Treas. M. Milne Todd.. Galt
 Sec. H. C. Oswald..... Montreal, Que.
 Audr. A. McL. Campbell.....
 Gen. Mgr. M. W. Kirkwood.....
 Supt. A. J. Clarke..... Preston
 Pur. Agt. F. Darnley.....
 Claim Agt. A. W. Cornish..... Galt
 Gen. Fgt. & Pass. Agt. C. J. Whitney. "
 Ch. Engr. F. H. Midgley..... "
 Ch. Engr. Pwr. Sta. R. E. Watt.. Preston
 M. M., R. Vondreau..... "
 Roadmaster, J. Deans..... "
 Power sta. equip. 1 a. c. C. West. 500 kw. 370 v. 3 ph. 25 cys; 750 hp. e. G. & McC; 500 hp. b. G. & McC; trans. volt. 6600 v; trolley volt. 600 v; also purchases energy from Hydro-Elec. Pwr. Comn. of Ont.

2 sub-stas. tot. cap. 1300 kw; 3 rot. conv.
 Power sta. and repair shop at Preston. Reaches and owns Idlewild Park.
 22 miles; 4-8½ g; 9 motor pass., 1 exp. motor, 2 fgt. and 2 other cars; 3 elec. locos. (Passenger and freight service.) ★59

1260—Lake Erie & Northern Railway

—Main office, Galt. (Leased for 999 years to Canadian Pacific Ry.) (Operates between Galt, Glenmoris, Paris, Brantford, Waterford, Simcoe and Port Dover, connecting with the main line of the Canadian Pacific Ry. at Galt.)

Pres. A. D. McTier,
 C. P. R., Montreal, Que.
 V. Pres. & Treas. M. Milne Todd.. Galt
 Sec. H. C. Oswald..... Montreal, Que.
 Audr. A. McL. Campbell..... Galt
 Gen. Mgr. M. W. Kirkwood.....
 Actg. Supt. A. J. Clarke..... Preston
 Pur. Agt. F. Darnley..... "
 Gen. Fgt. & Pass. Agt. C. J. Whitney, Galt
 Claim Agt. A. W. Cornish..... "
 Ch. Engr. F. H. Midgley..... "
 Ch. Engr. Pwr. Sta. R. E. Watt. Preston
 M. M., R. Vondreau..... "
 Roadmaster, J. J. Morissey, Brantford
 Engr. Ovhd. Constr.
 D. McKerchar..... "
 Energy purchased from Hydro-Elec. Pwr. Commission of Ont.; trolley volt. 1500 v.
 3 sub-stas. tot. cap. 1500 kw; 3 rot. conv.

Sub-stas. at Galt, Simcoe and Brantford; repair shops at Preston.
 Reaches Port Dover Park.
 50 miles; 4-8½ g; 4 motor pass., 16 trail pass., 2 exp. motor and 11 (Ballast) other cars; 2 60-ton elec. locos. ★59

GANANOQUE. 3,804.

(See No. 1274.)

GUELPH. 16,000.

(See also No. 1288.)

1261—Guelph Radial Ry. Co. (Munic.)

Office, Guelph.
 Pres. J. W. Lyon..... Guelph
 V. Pres. Thomas Hall.....
 Sec. H. Westoky.....
 Treas. S. Rundle.....
 Audrs. Fred. Page Higgins & Co.. "
 Gen. Mgr. & Pur. Agt.
 A. H. Foster..... "
 M. M., D. Emslie..... "
 Roadmaster A. Hauck..... "
 Energy purchased from Hydro-Electric Pwr. Comm. of Ont. trans. volt. 550-600 v; trolley volt. 600 v.
 Repair shop at Waterloo Ave., Guelph. Reaches Riverside Park (owned by Co.) 8.3 miles; 4-8½ g; 10 motor and 4 other cars. 78

HAMILTON. 81,969 (est. 1916).

1262—Brantford & Hamilton Elec. Ry.—Office, Hamilton Terminal Bldg. (Connects Hamilton, Ancaster, Alberton, Cainsville and Brantford.) (Controlled by the Dominion Pwr. & Transmission Co., Ltd.)
Energy from Hamilton Cataract Pwr., Lt. and Trac. Co.'s De Cew Falls plant, 40,000 v. 3 ph. 66 cys. trans.
23 miles in operation; 4-8½ g; 10 cars. 69

1263—Dominion Power & Transmission Co., Ltd.—Office, Terminal Bldg. (Controls Hamilton Cataract Pwr., Lt. & Trac. Co., the Hamilton Elec. Lt. & Pwr. Co., Hamilton St. Ry. Co. Hamilton Radial Elec. Ry. Co. (operations suspended), Hamilton & Dundas St. Ry., Hamilton, Grimsby & Beamsville Elec. Ry. Co., Brantford & Hamilton Elec. Ry. Co., Western Counties Elec. Co., Lincoln Elec. Lt. & Pwr. Co. and Welland Elec'l Co.)

Pres. J. R. Moodie..... Hamilton
V. Pres. Cyrus A. Birge.....
Sec., Mng. Dir. & Ch. Engr.
Wm. C. Hawkins.....
Treas. James Dixon.....
Gen. Mgr. Edw. P. Coleman...
Ch. Acctn. Geo. D. Fearman...
Supt. Ry. Dept. Geo. E. Waller
Gen. Supt. Ry. Dept.
William Parker.....
Cl. Agt. & Supt. Interurban Div.
F. B. Griffith.....
Pur. Agt. J. B. Griffith.....
Supt. of Const. C. K. Green...
Gen. Supt. Lt. & Pwr.
W. G. Angus.....

M. M.
J. O. Binkley, Terminal Sta.,
Power sta. equip. 11 d. c. C. G. E. West. tot. 3950 kw; 14 a. c. G. E. C. G. E. West. tot. 33,050 kw. 2400 v. 3 ph. 66½ cys; 5000 hp. e. G. & McC; 4200 hp. b. Edge; 40,300 hp. turb. (wtr.) Riva-Moneret, Kennedy, Voight; 25,000 kw. turb. (stm.) West; trans. volt. 40,000 v; trolley volt. 600 v.

Power stas. at Power Glen, near St. Catharines, Hamilton and Brantford; repair shops at Hamilton.
107 miles: 4-8½ g; 134 cars. (Co. sells energy for lighting.) 69

1264—Hamilton, Grimsby & Beamsville Ry. Co.—Office, Terminal Bldg. (Controlled by the Dominion Pwr. & Transmission Co., Ltd., which see for officers.)
Energy purchased from H. C. Pwr., Lt. & Trac. Co.
Repair shop at Hamilton.
22 miles; 4-8½ g; 12 cars. 69

1265—Hamilton Mountain Park Co., Ltd.—(Operates incline railway for transporting, passengers, freight, etc., up the "Mountain").
Energy purchased from Munic. Hydro-Elec. Dept.
1754 feet; 12-1½ g; 2 cars (double-gear electric incline hoist). 75j

KINGSTON. 18,874 (1916).

1266—Kingston, Portsmouth & Cataraqui Elec. Ry. Co.—Office, King St.
Pres. H. W. Richardson..... Kingston
Sec. & Treas. W. F. Nickle....
Supt. & Pur. Agt. H. C. Nickle.
M. M., A. E. Oakes.....
Park Mgr. D. P. Branigan.....
Energy purchased from City of Kingston.
Repair shops at Kingston.
Controls Lake Ontario Park.
8 miles; 4-8½ g; 23 cars. 59

KINGSVILLE. 1,427 (1916).

1267—The Windsor, Essex & Lake Shore Rapid Ry. Co.—Office, Kingsville. (Controlled by Dominion Traction and Lighting Co., Ltd.) (Connects Windsor, Essex, Kingsville and Leamington.)

Pres. Chatham
1st V. Pres., Gen. Mgr., Pur Agt. & Park Mgr. A. Eastman..... Kingsville
2d V. Pres. Jno. Piggott..... Chatham
Sec. W. R. Phillimore.....
Treas. J. W. McColl..... Toronto
Audr. J. L. Baird..... Kingsville
Supt. C. P. Cooper.....
Traffic Mgr. E. S. Hughes....
Ch. Engr. A. Baltzer.....
Ch. Engr. Pwr. Stn. F. Walsh....
M. M., J. Carnegie.....
Supt. Line Dept. C. Peterson.
Roadmaster Chas. Loop.....
Power sta. equip. 2 d. c. C. West. tot. 1000 kw; 2 a. c. West. tot. 1000 kw. s. ph. 25 cys; 1500 hp. e. (steam) G. & McC; 1400 hp. b. C. Fdy; trolley volt. 6600 v. s. ph.
Power sta. and repair shops at Kingsville.
Reaches Casino and Park at Kingsville-on-the-Lake.
38 miles; 4-8½ g; 7 motor, 1 electric express, 4 trail pass., 2 trail express and 28 other cars; 1 elec. loco. ★59

KITCHENER. 19,700 (1917).

1267a—The Berlin & Northern Ry. Co.—Office, 90 King St., West. (Connects Kitchener and Bridgeport.)
Pres. W. H. Breithaupt..... Kitchener
V. Pres. Geo. M. Shirk..... Bridgeport
Sec. & Treas. G. H. Clarke....
J. H. Wuest..... Kitchener
Energy purchased from city.
Reaches Riverside Park and Casino at Bridgeport.
3.5 miles; 4-8½ g; 3 cars. 118

1267b—Kitchener & Waterloo St. Ry. (Munic.)—Office, 169 King St., West. (Operated by the Kitchener Lt. Comm. Has traffic agreement with Preston & Kitchener St. Ry. Connects Kitchener, Waterloo and Bridgeport.)
Chmn. Lt. Comm. G. Lippert. Kitchener
Sec. & Treas. G. H. Clarke....
Supt. V. S. McIntyre.....
M. M., W. G. Sinclair.....
Energy purchased from Hydro-Elec. Pwr. Comm. of Ont. (Niagara System); trans. volt. 13,200 v. 3 ph. 25 cys; 3 rot. conv. West. tot. 825 kw; trolley volt. 550 v.
Sub-sta. and repair shop at Kitchener.
Controls and reaches park in Bridgeport.
6 miles; 4-8½ g; 10 motor and 4 trail cars. 59

LONDON. 46,300 (1916).

1269—The London & Port Stanley Ry. (Munic.)—Office, Philip & Maitland Sts. (Extends south from City of London through the Villages of Westminster, Glanworth and Yarmouth. City of St. Thomas, Village of White and terminates in Village of Port Stanley. Controlled and operated by London Railway Commission.)
Chrmn. Commn.
Sir Adam Beck, K. B..... London
Mayor, C. R. Somerville.....
Sec. C. S. Way.....
{ Dr. R. W. Shaw.....
Commrs. { Phillip Pocock.....
 { W. A. Martin.....
Treas. & Mgr. J. E. Richards....
Audr. D. L. Welch.....
Engr. M. of W., D. M. Morrison..
M. M., C. E. Lenhart.....

Energy purchased from Hydro-Elec. Pwr. Comn. of Ont.; trans. volt. 13,200. 3 ph. 25 cys; trolley volt 1500 v. d. c. (atenary).
Car barns and repair shops at London. Reaches and owns Port Stanley Park. 35 miles; 4-8½ g; 7 motor, 10 trail and 5 box cars; 3 60-ton elec. freight locos; 3 cabooses. ★59

270—London St. Ry. Co.—Office, 703 Dundas St. (Owns Springbank Park Line.)
 Pres. Charles Currie. Akron, O.
 Sec. & Treas. Leonard Tait. London
 Mgr. & Pur. Agt. C. B. King.
 M. M., H. Welburn.
 Supt. Track A. M. Daniel.

Energy purchased from Hydro-Elec. Pwr. Commission of Ont; trolley volt. 550 v.
 Repair shop at Lyle St., London. Reaches Springbank Park. 35 miles; 4-8½ g; 54 motor and 5 trail cars. 118

NIAGARA FALLS. 9,248 (1916).
 (See also No. 1291.)

1271—The Niagara Spanish Aero-car Co., Ltd.—Office, 41 Erie Ave. (Operates aerial cableway, for tourists, spanning the gorge in which the Whirlpool at Niagara Falls is located. Connects with International Ry. Co. and Niagara Gorge R. R. Co.)

Pres. Niagara Falls
 V. Pres. Gonzalo Torres.
 Sec., Treas. & Mgr. Herbert Ballard.
 Supt. & Engr. M. of W. Calvin Stevens.
 M. M., James R. Brown.
Energy purchased from Stamford Hydro-Electric Co., Thompson's Point; 1 motor West. 75 hp. 3 ph. 25 cys. 1780 ft; sextuple cable; 1 car. 118

1272—Whirlpool Rapids Elevator Co. (Lessee Whirlpool Rapids Incline.)—Office, 200-204 Gluck Bldg., Niagara Falls, N. Y. (An incline railway running from top of bank on the Canadian side to the gorge, a distance of about 300 feet, and used to convey passengers.)
 Treas. W. Laughlin. Niagara Falls, N. Y. **Energy** furnished by International Ry. Co; 50 hp. motor. 300 ft; cars operated by Otis electric elevator equipment. 118

NORTH COBALT. 200.

1273—Nipissing Central Ry.—Office, North Cobalt. (Connects Cobalt, North Cobalt, Haileybury, New Liskeard and Kerr Laks.)
 Pres. J. L. Englehart. Toronto
 Sec. & Treas. W. H. Maund.
 Audr. H. H. McGee. North Bay
 Supt. K. McDonald. North Cobalt
 Supt. of Traffic, W. A. Griffin. North Bay
 Claim Fgt. & Pass. Agt. A. J. Parr.
 Pur. Agt. W. A. Graham.
 Ch. Engr. S. B. Clement.
Energy purchased from The Northern Ontario Lt. & Pwr. Co.; trans. volt. 4300 v; trolley volt. 550 v.
 Reaches Athletic Park, North Cobalt. 15.37 miles; 4-8½ g; 8 motor cars and 1 other car. 118

OSHAWA. 7,436 (1916).

1274—The Oshawa Ry. Co.—Office, Gananoque. (Connects Cedar Dale, Twp. of East Whitby and Oshawa-on-the-Lake.)
 Pres. E. Walter Rathbun. Deseronto
 Sec., Treas. & Audr. J. H. Valleau. Gananoque
 Mgr., Gen. Fgt. & Pass. & Pur. Agt. H. W. Cooper.

Supt. J. J. Callaghan. Oshawa
 Ch. Engr. Pwr. Sta. W. M. Duffey.
 Roadmaster, H. A. Cooper.
Energy purchased from Hydro-Elec. Pwr. Comn. of Ont.; trans. 2400 v; trolley 600 v.
 1 sub-sta; 2 d. c. C. West, tot. 700 kw. Power plant and repair shops at Oshawa.
 Reaches Oshawa-on-the-Lake and Alexandria Park.
 10 miles; (4 mi. sidings); 4-8½ g; 6 motor pass., 1 exp. motor, 3 fgt and 2 other cars; 4 elec. locos. (Co. has large fgt. switching business.) ★59

OTTAWA. 110,000 (1916).
 (See also No. 1295.)

1276—The Ottawa Elec. Ry. Co.—Office, 248 Albert St. (City line; suburban line to Britannia, 5 miles from city.) (Controlled by Ottawa Trac. Co., Ltd.)
 Pres. T. Ahearn. Ottawa
 V. Pres. Warren Y. Soper.
 Sec. & Treas. G. L. Snelling.
 Supt. & Cl. Agt. F. D. Furpee.
 J. M. Ahearn.
 Audrs. Arthur A. Crawley & Co.
 Elec. Engr. M. C. O'Donnell.
 327 Albert St.,
 Ch. Engr. Pwr. Sta. W. H. Baldwin, Middle St.,
 M. M., R. A. Baldwin, 339 Albert St.,
Power sta. equip. 2 d. c. gen. and 5 mo. gen. West. tot. 6000 kw; 4000 hp. turb. (wtr.) S. & B. S. V. & Co., Smith; stor. bat; energy also purchased; trans. volt. 2200 v; trolley volt. 550 v.
 Aux. stm. plant; 1 turbo gen. West. 4000 kva. 2400 v; 3 b.—hp. Bab. & W. Power sta. at Middle St.; repair shop at Albert St.
 Owns Britannia-on-the-Bay Park and reaches Rockcliffe Park. 55 miles; 4-8½ g; 135 motor and 53 other cars. ★59

1277—Ottawa Trac. Co., Ltd.—(Controls The Ottawa Elec. Ry. Co.)
 Pres. T. Ahearn. Ottawa
 V. Pres. Warren Y. Soper.
 Sec. & Treas. G. L. Snelling.
 Audrs. Arthur A. Crawley & Co. ★59

PETERBORO. 18,360 (1916).

1278—The Peterboro Radial Ry. (Munic.)—Office, 289 George St., Peterboro. (In 1916, road purchased by Ontario Government, and now operated by the Hydro-Elec. Pwr. Comn. of Ontario.)
 Chmn. Sir Adam Beck, K.B., London
 Commrs. Hon. I. B. Lucas, M.P.P. Markdale
 W. K. McNaught, C.M.G., Toronto
 Sec. W. W. Pope.
 Ch. Engr. F. A. Gaby.
 Local Mgr. W. G. Ferguson. Peterboro
 Roadmaster, J. McCann.
Energy from Hydro-Elec. Pwr. Comn. of Ont; trolley volt. 550 v.
 7½ miles; 4-8½ g; 10 cars; 2 snow sweepers; 2 wing plows. 128

PORT ARTHUR. 11,220 (est. 1916).
 (See also No. 1258.)

1279—Port Arthur Civic Railway.—(Operated by the Public Utilities Comn.)—Office, Whalen Bldg. (Operates in Port Arthur and connects this city with Ft. William.)
 Chmn. Comn. I. L. Matthews, Port Arthur
 (A. E. Wideman.
 Malcolm C. Campbell.
 Commrs. A. G. Alexander.
 Mayor, E. J. Blaquier,

Treas. D. McIver.....Port Arthur
 Sec., Gen. Mgr. & Pur. Agt.
 M. M. Inglis.....
 Audrs.
 McIntosh, Cole & Robertson. Toronto
 M. M., F. Philip.....Port Arthur
 Roadmaster,
 Jas. Dillon... Car Barns, Port Arthur
 Energy purchased from Hydro-Electric
 Power Comm. of Ont.; 3 d.c.S.& H.,
 Allis-C. tot. 1150 kw; 200 hp. turb.
 (wtr.); trolley volt. 600 v.
 19.5 miles; 4-8½ g; 23 motor, 2 trail
 and 2 work cars; 1 air-equipped snow
 plow. (City manages lighting, telephone
 and water works system.) ★59

PORT DOVER. 1,138 (1916).
 (See No. 1260.)

PORT STANLEY. 891 (1916).
 (See No. 1269.)

PRESTON. 4,923.
 (See Nos. 1259 and 1260.)

ST. CATHARINES. 19,078 (1916).

1280—Niagara, St. Catharines & Toronto Ry. Co.—Office, St. Catharines. (Controls the Port Dalhousie, St. Catharines & Thorold Elec. St. Ry. and Niagara Falls, Wesley Park & Clifton Tramway Co.) (Part of Canadian National Rys.) (Connects Port Dalhousie, St. Catharines, Thorold, Niagara Falls, Welland, Port Colborne and Niagara-on-the-Lake.)
 Pres. D. B. Hanna.....Toronto
 V.Prests. { M. H. McLeod.....
 { A. J. Mitchell.....
 Sec. R. P. Ormsby.....
 Treas. H. G. Foreman.....
 Actg. Audr. W. J. Bennett, St. Catharines
 Gen. Supt. E. W. Oliver.....Toronto
 Supt. W. Robertson.....St. Catharines
 Pur. Agt. R. Wilson.....
 Claim Agt. H. MacDonald.....Toronto
 Gen. Fgt. & Pass. Agt.
 R. L. Fairbairn.....
 Ch. Engr. A. F. Stewart.....
 Elec Engr. W. H. Horton, St. Catharines
 Sig. Engr. W. M. Punter.....Toronto
 M. M., A. N. Pay.....St. Catharines
 Roadmaster, Jno. Carey...
 Energy purchased from Toronto Niagara Power Co.; trans. volt. 12,000 v; trolley volt. 600 v.
 5 sub-sta. tot. cap. 3850 kw; 8 rot. conv.
 Repair shop at St. Catharines.
 Owns and operates amusement park at Port Dalhousie and leases Lakeside Park.
 78 miles (electric and steam); 4-8½ g 55 pass. and 58 freight cars, 8 locos; 3 cabooses; 3 snow plows; 1 sweeper. ★69

ST. THOMAS. 17,000 (1916).

1281—St. Thomas Munic. St. Ry.—Office, City Hall.
 Sec. & Treas. Miss Lang... St. Thomas
 Audr. H. T. Gough.....
 Gen. Mgr.
 J. F. Daugherty, Car Barns.....
 Ch. Engr. M. Ferguson.....
 Ch. Engr. Pwr. Sta.
 John Roberts.....
 M. M.,
 Lorne Murphy, Car Barns,.....
 Roadmaster Thos. Shearing...
 Power sta. equip. 2 d. c. C. G. E. tot. 250 kw; 250 hp. e. Robb; 200 hp. b. White; trolley volt. 550 v.
 Power sta. and repair shops at St. Thomas.
 Reaches Pinafore Park, owned by city.
 7.5 miles; 4-8½ g; 16 cars. 118

SARNIA. 12,200 (1918).

1282—Sarnia St. Ry. Co. Ltd.—Office, 119 Front St. (Connects Sarnia and Point Edward.)
 Pres.
 Rob't MacKenzie... N. Vidal St., Sarnia
 V. Pres. Randall Kenny,
 273 N. Vidal St.,
 Sec. Treas. & Mgr. Geo. E. Wadland
 { H. Ingram.....
 Audrs. { H. W. Unsworth.....
 M. M.,
 J. R. Henderson... Maxwell St.,
 Roadmaster
 Wm. Pole, 428 Chrestina St., So.
 Pwr. sta. equip. 2 d. c. Swedish E. & W. West. tot. 800 kw; 1 rot. conv; 1 motor set; trolley volt. 500-600 v.
 Power sta. at Water St.; repair shop at Front St.
 Reaches and owns Lake Huron Park 9.25 miles; 4-8½ g; 10 motor pass. cars and 1 baggage car. ★58

SAULT STE. MARIE.

15,000 (1916).

(See also No. 501.)

1283—The International Transit Co. Office, Sault Ste. Marie, Ont. (Connects Sault Ste. Marie and Steelton operates a ferry between "Soo," Ont. and "Soo," Mich.) (Controlled by Great Lakes Pwr. Co., Ltd.)
 Pres. J. O. Heyworth,
 Harvester Bldg., Chicago, Ill.
 V. { Martin J. Insull,
 { 72 W. Adams St.,
 Prests. John A. McPhail,
 Sault Ste. Marie
 Sec. & Treas.
 Oliver E. McCormick
 Audr., Pur., Claim &
 Gen. Fgt. & Pass.
 Agt. W. T. Scott
 Gen. Mgr. A. E. Pickering,
 Supt. C. O. Weldon
 Energy purchased from Great Lakes Pwr. Co. Ltd.; trolley volt. 550 v.
 Repair shop at Sault Ste. Marie.
 4.32 miles; 4-8½ g; 9 motor and 4 other cars. 59

SUDBURY. 8,000.

1284—Sudbury, Copper Cliff Suburban Elec. Ry.—Office, Nickel Range Hotel Bldg. (Connects Sudbury and Copper Cliff.)
 Pres. J. J. MacKey.....Sudbury
 V. Pres. L. Laforest.....
 Sec. & Treas. C. Bibby.....
 Audr. J. W. Ross.....
 Gen. Supt. W. E. Massie.....
 Roadmaster, B. Legasse.....
 Energy purchased from Wahnapitae Pwr. Co., Ltd., 1 d. c. C. G. E. 300 kw; trans. volt. 2200 v; trolley volt. 550 v.
 Repair shops at Notre Dame St., Sudbury.
 Reaches Lake Ramsay.
 9.2 miles; 4-8½ g; 4 motor cars. 118

TORONTO. 470,140 (1916).

(See also Nos. 1045, 1280 and 1291.)

1285—Schomberg & Aurora Ry.—Office, 84 King St. East. (Connects Schomberg, Kettleby and Eversley with the Toronto & York Radial Ry.)
 Pres. Sir Wm. Mackenzie.....Toronto
 V. Pres. Frederic Nicholls.....
 Sec. & Treas. J. C. Grace.....
 Audr. J. M. Smith.....
 Gen. Mgr. W. H. Moore.....
 Asst. Gen. Mgr. Chas. L. Wilson
 Supt. C. W. Mott.....
 Pur. Agt. Geo. K. Hyde.....
 Traffic Mgr. F. S. Livingston...
 Res. Engr. C. P. Van Norman..

3c. Engr. Wm. B. Boyd..... Toronto
 M., A. M. Smith..... "
 admaster, W. Rose..... "
 gr. Ovhd. Constr.
 J. H. Middlebrook..... "
 Energy purchased from Toronto &
 rk Radial Ry. Co.; trolley volt. 600 v.
 Sub-sta. near Schomberg; 1 d. c. C.
 est. 750 kw.
 14.4 miles; 4-8½ g; rents cars from
 Toronto & York Radial Ry. Co. ★59

86—Toronto Civic Ry.—Office, Room
 313, City Hall, Toronto. (Operates
 on Gerard and Bloor Sts. and on St.
 Clair, Danforth and Lansdowne Aves.)
 an Mgr. R.C.Harris..... Toronto
 pt. D. W. Harvey..... "
 Clerk, W. Hocking..... "
 Traffic Mgr. Chas. H. Bachelor..... "
 M., M. Switzer..... "
 Energy purchased from Toronto Hydro-
 lec. System.
 Repair shops at Danforth & Coxwell
 ves.
 21.63 miles; 4-10½ g; 45 motor cars.
 59

87—Toronto Ry. Co.—Office, 92 King
 St. E. Toronto.
 Pres. Sir Wm. Mackenzie,
 1 Toronto St., Toronto
 Pres. Col. Frederic Nicholls,
 King & Simcoe Sts. "
 Sec. & Treas. J. C. Grace..... "
 Gen. Mgr. R. J. Fleming..... "
 Asst. to Gen. Mgr. F.L.Hubbard..... "
 Im. Agt. James H. Forrest..... "
 Tur. Agt. H. H. Beasley..... "
 Ch. Engr. Farley G. Clarke,
 12 Adelaide St. "
 M. M., W.R.McRae..... "
 Track Supt. James G. Smith..... "
 Engr. Ovhd. Constr.
 O. V. Anderson, 12 Adelaide St. "
 Energy purchased; repair shop at Fred-
 rick & Front Sts.
 139.119 miles; 4-10½ g; 808 motor and
 64 other cars. ★59

1288—Toronto Suburban Ry. Co.—
 Office, 2896 Dundas St., W. Toronto.
 (Connects Toronto, Weston, Lambton
 Mills, Woodbridge, Thistletown and
 West Toronto; also Lambton Mills,
 Huttonvale, Norval, Georgetown, Acton
 and Guelph.)
 Pres. D.B.Hanna, 9 Toronto St., Toronto
 V. Pres. A. J. Mitchell..... "
 Sec. R. P. Ormsby..... "
 Treas. A. Forman..... "
 Gen. Mgr. Col. Geo. C. Royce,
 Asst. Mgr. W. J. Radford..... "
 Claim & Pur. Agt. Robert Gilbert,
 Gen. Exp. Agt. Frank Butcher
 Elec. Engr. S. Roseveare..... "
 M. M., J. W. Walker..... "
 Roadmaster
 Frank Lindsay, 936 Keele St., "
 Energy purchased from Toronto Power
 Co.; 3 rot. conv. C. G. E. tot. 1700 kw;
 trans. volt. 13,000-2200 v. a. c.; trolley
 volt. 600 v.
 Sub-sta. at West Toronto; repair shops
 at Lambton.
 Owns Lambton Park.
 64.32 miles; 4-8½ g; 24 pass. motor,
 3 other motor, 2 express and 2 trail
 cars. (Co. does lighting and power
 business.) ★59

1289—Toronto & York Radial Ry. Co.
 —Office, 84 King St., East. (Consists
 of three divisions, Metropolitan,
 Mimico and Scarboro. Connects
 Toronto, Richmond Hill, Aurora, New-
 market, Jackson's Point, Sutton,
 Scarboro, West Hill, Mimico and Port
 Credit.)

Pres. Sir Wm. Mackenzie,
 Can. Nor. Bldg., Toronto
 V. Pres. Frederic Nicholls..... "
 Sec. & Treas. J. C. Grace..... "
 Compt. J. M. Smith..... "
 Gen. Mgr. W. H. Moore..... "
 Asst. Mgr. Charles L. Wilson... "
 Supt. C. W. Mott..... "
 Pur. Agt. Geo. K. Hyde..... "
 Supt. Ovhd. Const.
 J. H. Middlebrook..... "
 Traffic Mgr. F. S. Livingston... "
 Res. Engr. C. P. Van Norman... "
 Elec. Engr. W. B. Boyd..... "
 M. M., A. M. Smith..... "
 Engr. M. of W. W. Rose..... "
 Roadmaster, W. M. Abbott... "
 Energy purchased from Toronto Power
 Co.; trans. volt. 12,000 v; trolley volt.
 600 v.
 6 sub-stas; 9 d. c. C. G. E. West.
 tot. 4500 kw; 9 mo.-gen. sets.
 Repair shops at 1488 Yonge St.,
 Toronto.
 Owns Bond Lake and Scarboro Heights
 Parks; reaches Long Branch Park.
 82 miles; 4-8½ & 4-10½ g; 52 mo. pass.
 8 exp. mo., 3 fgt. and 35 other cars; 1
 elec. loco. (Sells energy to Schomberg
 & Aurora Ry.) ★59

WALKERVILLE. 3,302 (est. 1916)

1290—The Windsor & Tecumseh
 Electric Ry. Co.—(Connects Wind-
 sor, Walkerville, Ford and Tecumseh.)
 (Leased to the Sandwich, Windsor &
 Amherstburg Ry.)
 Pres. F. W. Brooks... Detroit, Mich.
 V. Pres. & Pur. Agt.
 James Anderson..... Windsor
 Sec. A. E. Peters..... "
 Treas. Jos. Bampton..... "
 Audr. Irwin Fullerton..... "
 Gen. Mgr. Sidney S. Anderson... "
 Supt. F. E. Hayes..... "
 Ch. Engr. Pwr. Sta. N. Maitland. "
 M. M., H. F. Ferguson..... "
 Roadmaster James Lynch..... "
 Engr. Ovhd. Constr.
 Edw. Jennings..... "
 Power sta. and repair shops at Windsor.
 Mileage and cars included in lessee
 Co.'s report. 59

WELLAND. 5,318 (est. 1916).

1291—Niagara, Welland & Lake Erie
 Ry. Co.—603 Dominion Bank Bldg.,
 Toronto. (Connects Niagara Falls and
 Welland.)
 Pres. H. C. Schofield..... Toronto
 V. Pres. W. W. Near..... "
 Sec. & Treas. H. Rooke..... "
 Audrs.
 Clarkson, Gordon & Dilworth. "
 Ch. Engr. Pwr. Sta. L. L. Farrer,
 Page-Hersey Iron Tube & Lead Co.,
 Welland
 Energy purchased from Page-Hersays
 Co.; trolley volt. 550 v.
 Reaches Alexandria Park.
 5.5 miles; 4-8½ g; 3 motor cars. 118

WELLAND PORT. 253 (1916).

1292—Dunnville, Welland Port &
 Beamsville Elec. Ry.—Office, Well-
 and Port. (Will connect Dunnville,
 Welland Port and Beamsville.) (Ne-
 gotiations on whereby the road may
 be completed by the Hydro-Elec. Pwr.
 Commission of Ont. and operated in
 connection with other hydro radial
 lines.)
 Pres. James A. Ross..... Welland Port
 Sec. M. R. Campbell..... "
 Ch. Engr. Edmund Wragge
 Traders Bank Bldg., Toronto
 23 miles. (Under construction.) 59

WINDSOR. 25,000 (est. 1916).

(See also No. 1267.)

1293—Sandwich, Windsor & Amherstburg Ry.—Office, 14 Sandwich St. (Operates under lease The Windsor & Tecumseh Elec. Ry.) (Controlled by the Detroit United Ry., Detroit, Mich.) (Connects Tecumseh, Ford, Walkerville, Windsor, Sandwich, Ojibway and Amherstburg.)

Pres. F. W. Brooks. Detroit, Mich.
V. Pres. & Pur. Agt.

James Anderson. Windsor
Sec. A. E. Peters. Detroit, Mich.
Treas. Jos. Bampton. "
Audr. Irwin Fullerton. "
Gen. Mgr. Sidney S. Anderson. . Windsor
Gen. Supt. F. E. Hayes. "
Ch. Engr. Pwr. Sta. N. Maitland. "
M. M., H. F. Ferguson. "
Roadmaster, James Lynch. "
Engr. Ovhd. Constr. "

Edw. Jennings. "
Power sta. equip. 1 d. c. Allis-C. 400 kw; 3 a. c. C. G. E. Swedish tot. 1675 kva. 2300 v. 3 ph. 60 cys; 2000 hp. e. G. & McC; 650 kva. stm. turb. G. & McC; 1000 hp. b. G. & McC, Robb; trans. volt. 1100 v. a. c; trolley volt. 500 v. d. c.

Power stas. and repair shop at London St., Windsor.

41.377 miles; 4-8½ g; 56 motor pass., 6 other motor, 4 trail pass. and 13 other cars. (Company furnishes energy for lighting.) ★59

WOODSTOCK. 9,320 (1916).

1294—Woodstock, Thames Valley & Ingersoll Elec. Ry. Co.—Office, 365 Dundas St., Woodstock. (Connects Woodstock, Beachville and Ingersoll.)

Trustee Judge Wallace. Woodstock
Treas. Effie Peacock. "
Audr. J. M. Brophy. "
Supt. & Pur. Agt. Ira Warfield. "
Ch. Engr. Pwr. Sta.

Milton Long. Beachville

Energy purchased from Hydro-Elec. Pwr. Commission of Ont; trans. volt. 13,200v; trolley volt. 600 v. substa., 2 rot. conv. tot. cap. 350 kw. 25 cys.

Repair shop 1 mile west of Woodstock. Owns and operates Fairmount Park. 12 miles; 4-8½ g; 7 mo. pass. cars. ★69

QUEBEC

AYLMER. 3,109 (1911).

(See No. 1295.)

HULL. 22,000 (1916).

1295—Hull Elec. Co.—Office, 117 Main St. (Connects Ottawa, Hull and Aylmer.)

Pres. A. D. MacTier. Montreal
V. Pres. & Gen. Mgr. G. Gordon Gale, Hull
Sec. & Treas. H. C. Oswald. Montreal
Supt. Lt. & Pwr. A. V. Gale. Hull
Supt. Transp. A. E. Meech. "
Engr. Pwr. Sta. N. E. Beaudry, Deschenes
Roadmaster, H. F. McKenney
M. M., W. J. Craig. "

Power sta. equip. 3 d. c. C. G. E. tot. 950 kw; 4 a. c. C. G. E. tot. 1900 kw; 10,000-2200-550-115 v. 3 ph. 60 cys; 2 motor gen. set tot. 750 kw. 2200-600 v. d. c.; 4015 hp. turb. (wtr.) Trump, Am; trans. volt. 10,000 v; trolley volt. 600 v. Energy also purchased from Ottawa & Hull Pwr. & Mfg. Co., Ltd.

Power sta. and repair shop at Deschenes; sub-stas. at Hull and Aylmer.

Owns and controls Queen's Park. 27.5 miles; 4-8½ g; 34 motor, 9 trailers and 10 other cars. (Company furnishes lighting.) ★59

LEVIS. 7,452 (1916).

1296—The Levis County Ry.—Office, 127 Commercial St., Levis. (Extends from Lauzon, St. Joseph, Bienville, Levis, St. Romuald, New Liverpool to Quebec Bridge.)

Pres. S. H. Ewing

142 Notre Dame St., West, Montreal
V. Pres. J. C. Blouin. Levis

Sec. & Treas. E. A. Macnutt
142 Notre Dame St., West, Montreal
Audr. Sharpe, Milne & Co.

Power Bldg., "
Gen. Mgr. & Pur. Agt.

H. E. Weyman. Levis

Supt. & Engr. M. of W.

A. Chandonnet. "

Claim & Gen. Fgt. & Pass. Agt.

H. S. C. Moffatt. "

M. M., D. Chenard. "

Energy purchased from Can. Elec. Lt. Co.; trans. volt. 11,000 v. 3 ph; trolley volt. 550 v.

Repair shops at Fraser St., Levis.

11.5 miles; 4-8½ g; 17 motor pass..

5 other motor, 3 other cars. 59

MONTREAL. 600,000 (1916).

(See also Nos. 499, 690, 1304, 1305, 1327 and 1334.)

1297—Canadian National Railways (Formerly The Canadian Northern Ry. Co.) (Montreal Tunnel & Terminals.)—Gen. Office, Toronto. (Extends from Mount Royal through tunnel to city of Montreal, a distance of 10 miles.)

Pres. D. B. Hanna. Toronto

{ A. J. Mitchell. "

V. Prests. { M. H. MacLeod. "

{ C. A. Hayes. "

Compt. & Treas.

S. L. Shannon. Moncton, N.B.

Gen. Mgr. A. E. Warren, Winnipeg, Man.

Gen. Supt. Elec. Lines

E. W. Oliver. Toronto

Elec. Engr. W. C. Lancaster

411 Dorchester St., W. Montreal

Energy purchased from the Montreal

Lt., Ht. & Pwr. Co.; trans. volt. 11,000

v; trolley volt. 2400 v. d. c.

Repair shops at Cartierville.

30 miles; 4-8½ g; 8 motor cars; 6

85-ton elec. locos. (Electrification completed but operating electrically in construction work only; passenger service will be inaugurated.) ★79†

1298—Montreal & Southern Counties Ry. Co.—Office, 401 Canadian Express Bldg., Montreal. (Connects Montreal, St. Lambert, Longueueie, Chambly, Richelieu, Marieville, Rougemont, St. Cesaire, Abbottsford and Granby.)

Pres. Howard G. Kelley. Montreal

V. Prests. { J. E. Dalrymple. "

{ Treas. Frank Scott. "

Sec. James A. Yates. "

Audr. J. P. Hudson. "

Gen. Mgr. W. B. Powell. "

{ Transp. A. F. Laberge. "

Actg. { Mo. Pwr. & Shops "

Supts. { R. N. Godin. "

Claim Agt. T. W. R. McRae. "

Pur. Agt. Geo. W. Caye. "

Roadmaster, A. E. Patterson, St. Lambert

Power sta. equip. 6 d. c. West. G. E. tot. 2600 kw; 6 a. c. West. G. E. tot. 2600

kw., 2300 v. 3 ph. 60 cys; trans. volt. 25,000 v; trolley volt. 600 v; energy also

purchased from Montreal Lt., Ht. & Pwr. Co.

Power stas. at St. Lambert (3 rot. conv. C. West. tot. 1500 kw.); Chambly

(1 mo.-gen. set C. West. 400 kw.); Rougemont

(1 mo.-gen. set C. G. E. 300 kw.)

and Granby; repair shops at St. Lambert

and Granby.

Reaches Pine Grove, Chambly Canton, Que. 56.5 miles; 4-8½ g; 37 motor and 6 other cars. ★59

1299—Montreal Tramways Co.—Office, 78 W. Craig St. (Controlled by the Montreal Tramways & Pwr. Co.)
 Pres. E. A. Robert..... Montreal
 V. Pres. J. W. McConnell..... "
 Sec.-Treas. Patrick Dubee..... "
 Audr. J. G. Robson..... "
 Gen. Mgr. J. E. Hutcheson..... "
 Compt. H. E. Smith..... "
 Supt. A. Gaboury..... "
 Supt. Const. & Ch. Engr. W. F. Graves..... "

Claim Agt. A. E. Shaw..... "
 Pur. Agt. D. Robertson..... "
 Supt. Pwr. Plants, A. S. Byrd..... "
 Supt. Rolling Stock, D. E. Blair, Youville Gen. Fgt. Agt. A. E. Peaple..... Montreal
 Ch. Engr. Pwr. Sta. J. N. Dick..... "
 Power sta. equip. 58 d. c. C. G. E. West, Allis-C. Bull, C-W. tot. 45,500 kw; 2 a. c. G. E. S. G. E. tot. 14,500 kw. 2200 & 13,200 v. 3 ph. 60 cys; 18,000 hp. e. Laurie, Penn, McI. & S; 22,400 hp. b. Bab. & W. Adamson, McDougall, Caledonia; 14,500 kw. stm. turb. G. E. Belliss & Morcom; trolley volt. 575 v.
 Power stas. at William St., Hochelaga, Pointe aux Trembles, St. Henry, St. Denis, Youville, Shawinigan, Cote des Neiges and Cote St. Paul; repair shops at Youville.
 270 miles; 4-8½ g; 1246 motor pass., 50 trail pass., 83 other motor and 85 other cars; 3 elec. locos. 118

1299—Montreal Tramways & Pwr. Co.—Office, 78 W. Craig St., Montreal. (Controls Montreal Tramways Co., Canadian Lt. & Pwr. Co. and various other light and power companies.)
 Pres. E. A. Robert..... Montreal
 V. Pres. J. W. McConnell..... "
 Sec.-Treas. Patrick Dubee..... " 118

1301—Shawinigan Falls Terminal Ry.—Office, 611 Power Bldg., Montreal. (A local line connecting Shawinigan Falls with St. Maurice Valley Ry. and Canadian National Ry. (stm. road), used for switching only.) (Controlled by The Shawinigan Wtr. & Pwr. Co.)
 Pres. Julian C. Smith..... Montreal
 V. Pres. W. S. Hart..... "
 Sec. H. G. Budden..... "
 Treas. James Wilson..... "
 Audr. Sharpe, Milne & Co..... "
 Supt. B. G. Wood..... Shawinigan Falls
 Pur. Agt. C. P. Walsh..... Montreal
 Energy from The Shawinigan Wtr. & Pwr. Co; trans. volt. 6600 v. s. ph; trolley volt, 6600 v. a. c.
 Repair shops at Shawinigan Falls.
 6 miles; 4-8½ g; 2 motor cars. ★59

QUEBEC. 104,000 (1918).

1302—Quebec Railway, Light & Power Co.—Gen. office, Cor. Crown & St. Joseph Sts. (Owns Quebec St. Ry. Co; operates in Quebec and a suburban line (30 miles, steam and electric) from Quebec to St. Annes and Cap Tourmente.) (Controlled by The Quebec Ry., Lt. & Pwr. Co.)
 Pres. Lorne C. Webster, Bd. of Trade Bldg., Montreal
 V. Pres. L. I. Tarte, La Patrie, "
 Sec. Arthur Le Moine..... Quebec
 Treas. Robert A. Wilson..... "
 Audrs. P. S. Ross & Co..... Montreal
 Gen. Mgr. W. J. Lynch..... Quebec
 Supt. City Div. R. M. Reade..... "
 Supt. Montmorency Div. & Gen. Fgt. & Pass. Agt. J. A. Everell. "
 Pur. Agt. S. S. Oliver..... "

Ch. Engr. & Engr. M. of W. C. J. Pigot..... Quebec
 Elec. Engr. L. Burran..... "
 M. M., Peter Quinn..... "
 Park Mgr. M. Kerwin..... Montmorency Falls
 Power sta. equip. 6 d. c. C. G. E. West, C. W. tot. 4500 kw; 5 a. c. Stan, A. C. B. tot. 3900 kw. 5500 v. 2 ph. 64 cys; 7225 hp. turb. (wtr.) S.-B, Allis-C; trans. volt. 24,000 v; trolley volt. 550 v.
 Energy also purchased from The Laurentain Pwr. Co.
 Power stas. at Montmorency Falls and Queen St., Quebec; sub-stas. at St. Anne de Beaupre, repair shop at Quebec.
 Owns Kent House Park, Montmorency Falls.
 74 miles (19.91 city track); 4-8½ g; 150 motor and 220 other cars. (Company does general ltg. and pwr. business.) ★59

1303—The Quebec Railway, Light, Heat & Power Co.—(Owns and operates Quebec Railway, Light & Power Co., the Quebec Gas Co., the Frontenac Gas Co., the Quebec Jacques Cartier Co., and the Canadian Elec. Lt. Co.)
 Pres. Lorne C. Webster, Bd. of Trade Bldg., Montreal
 V. Pres. Senator D. V. L'Esperance, Harbor Comr., Quebec
 Sec. Arthur LeMoine..... "
 Treas. Robert A. Wilson..... "
 Gen. Mgr. W. J. Lynch..... "
 Audrs. P. S. Ross & Co..... Montreal ★59

SHERBROOKE. 22,000 (1916).

1304—Sherbrooke Ry. & Pwr. Co.—Opr. Office, Clement Theatre Bldg., Sherbrooke. (Connects Sherbrooke & Lennoxville.) (Owned by Southern Canada Pwr. Co., Ltd., Montreal.)
 Pres. W. C. Hawkins, 330 Coristine Bldg., Montreal
 V. Pres. F. W. Teele..... "
 Sec. Treas. & Pur. Agt. Lewis Clark Haskell..... "
 Comptr. Chas. Johnstone..... "
 Gen. Mgr. J. B. Woodyatt..... "
 Supts. { Ry. F. X. Couture... Sherbrooke
 { Transp. Peter Miles... "
 { Pwr. F. C. Chisholm... "
 { Car Barns T. Quine... "
 Power sta. equip. 2 d. c. C. G. E. tot. 400 kw; 3 a. c. C. G. E. tot. 3000 kw. 2200 v. 3 ph. 60 cys; 4000 Jencks turb. (wtr.); trans. volt. 25,000; trolley volt. 600 v.
 Power sta. (water) at Sherbrooke, Magog River; repair shop on Lennoxville road.
 11.5 miles; 4-8½ g; 18 motor cars; 1 snow plow. (Company does general lighting and power business.) 59

THREE RIVERS. 18,000 (1916).

1305—Three Rivers Trac. Co.—Office, 611 Power Bldg., Montreal. (Operates in Three Rivers and extends to Cap de la Madeleine.) (A subsidiary of The Shawinigan Wtr. & Pwr. Co.)
 Pres. Thos. McDougal..... Montreal
 V. Pres. & Ch. Engr. Julian C. Smith..... "
 Mng. Dir. W. S. Hart..... "
 Sec. & Treas. Jas. Wilson..... "
 Adurs. Sharpe, Milne & Co... "
 Gen. Mgr. & Pur. Agt. R. J. Beaumont..... "
 Supt. J. H. McNeill..... Three Rivers
 Elec. Engr. P. S. Gregory... "
 Energy purchased from North Shore Pwr. Co; trolley volt. 550 v.
 2 sub-sta. tot. cap. 500 kw; 2 mo.-gen. Repair shops at St. Maurice St., Three Rivers.
 7.05 miles; 4-8½ g; 12 motor pass. cars. ★59

SASKATCHEWAN.

MOOSE JAW. 16,889. (1916).

1306 — The Moose Jaw Elec. Ry. Co., Ltd.—Gen. office, High St., Moose Jaw.
 Pres. A. A. Dion, 35 Sparks St., Ottawa, Ont.
 V. Pres. Robert Gill..... " "
 Sec. & Treas. D. O'Connor " "
 Mgr. A. H. Dion..... Moose Jaw
 Asst. Mgr. R. W. Moore..... " "
 Power sta. equip. 3 d. c. tot. 960 kw. 500-600 v; 900 hp. e. Diesel (oil).
 Power sta. and repair shops at cor. 4th Ave. & High St.
 Reaches Amusement Park, about 1 mile southwest of city.
 14 miles; 4-8½ g; 20 cars. 128

REGINA. 30,213 (1916).

1307—Regina Municipal Ry.
 Mayor, H. Black..... Regina
 Comr. L. A. Thornton..... " "
 Treas. J. E. Snowball..... " "
 Audrs. Gladwell, Wilson & Co.... " "
 Supt. D. W. Houston..... " "
 Claim Agt. G. F. Blair..... " "
 Pur. Agts., City Comrs..... " "
 Supt. Pwr. Sta. E. W. Bull..... " "
 M. M. John Baxter..... " "
 Power sta. equip. 2 d. c. Siemens tot. 800 kw. 600 v; 4 a. o. West. Siemens tot. 380; kw. 2200 v. 3 ph. 60 cys; 6 rect. West. tot. 300 kw; 1630 hp. e. Inglis, G. & McC; 5000 hp. b. Bab. & W; 3500 kw. stm. turb. West; 1 rot. conv.
 Power sta. at Broad St.; car barn at Albert St.
 Reaches Exhibition Grounds (owned by City).
 35 miles; 4-8½ g; 37 motor and 30 other cars. (City furnishes energy for lighting and power.) 59

SASKATOON. 28,000 (est. 1916).

1308 — Saskatoon Munic. Ry.—Office, Ave. C & 25th St. (Connects with Sutherland.)

Act. Sec. J. Weir... Car Barn, Saskatoon
 City Treas. J. C. Oliver..... " "
 City Audr. V. J. Ferguson.... " "
 Supt. & City Engineer
 G. D. Archibald, City Hall. " "
 M. M. & Eng. Ovhd. Constr.
 D. M. Murray..... Car Barn " "
 Energy from City Lighting Plant; 2 synchronous mo. gen. sets tot. 600 kw. with 550 v. West gen; trolley volt. 600 v.
 Car barns at Ave. C. & 25th St.
 Reaches Exhibition Park (owned by City).
 16.5 miles; 4-8½ g; 19 motor cars and 1 other car. 118

NEWFOUNDLAND.

(Letter postage rate same as United States.)

ST. JOHNS. 35,000 (1917).

1309—St. Johns St. Ry. Co.—Office, Water St. (Owned by Reid Newfoundland Co.)
 Pres. & Gen. Mgr. H. D. Reid. St. Johns
 V. Pres. R. G. Reid..... " "
 Sec. Treas. & Supt. F. J. Hunter. Montreal
 Audr. H. McNeil..... St. Johns
 Gen. Supt. J. P. Powell..... " "
 Pur. Agt. H. C. Crawford..... " "
 Elec. Engr. J. W. Morris..... " "
 Ch. Engr. Pwr. Sta.
 J. H. Halley..... Petty Harbor
 Roadmaster, W. F. Joyce..... St. Johns
 Power sta. equip. 4 a. c. West. tot. 3300 kva. 3 ph. 60 cys; 4000 hp. turb. (wtr.) Voith, Hendenheim; trans. volt. 15,000 v; trolley volt. 500 v.
 Water power sta. at Petty Harbor, 9 miles from St. Johns; repair shops at St. Johns.
 7 miles (electric); 3-6 g; 7 motor and 3 other cars. (Furnishes energy for lighting and motors.) 59

HAWAII.

(See under United States, page 28.)

MEXICO. (Rep.)

(Postage rates to Mexico same as United States.)

AGUASCALIENTES.

AGUASCALIENTES. 51,000.

1310 — Compania Productora y Abastecedora de Potencia Electrica S. A.—(Has taken over the plant of Cia. de Electricidad y Tranvias de Aguascalientes.) General Office, Apartado 756, Mexico, D. F.

Pres. Angel Alvarez Fernandez
Apartado 756, Mexico, D.F.
Sec. Manuel Medrano.....
Gen. Mgr. Carlos Sagredo. " "

Power sta. equip. 2 d. c. Ide, West. tot. 240 kw. 550 v; 3 a. c. A. E. G., West. tot. 625 kw. 3000 v. 3 ph. 60 cys; 400 hp. e. (oil) Busch-Diesel; 120 hp. e. (stm.); 200 hp. e. (gas) Koerting; 400 hp. gas pro. Koerting; 200 hp. b; 2600 amp. hr. stor. bat. Hagen 550 v; trans. volt. 3000 v trolley volt. 550 v.

11.16 miles; 4-8½ g; 11 motor and 8 other cars. (Furnishes light and power.) 128

CHIHUAHUA.

CITY OF CHIHUAHUA.

39,061.

1311—Compania Electrica y de Ferrocarriles de Chihuahua, S. A.—Calle Victoria 101, Chihuahua.—(Consolidation of Compania Tranvias de Chihuahua and the Ferrocarril Mineral de Chihuahua (steam); also purchased Cia Industrial Mexicana.)

Pres. V. { Juan B. Baca..... Chihuahua
Prests. { Col. R. Ornelas..... "
Sec. Enrique Gonzalez..... "
Treas. S. Vargas, hijo..... "
Audr. Alberto Heredia..... "
Gen. Mgr. Juan F. Treviño..... "
Supt. Ing. Enrique Cortazar..... "
Ch. Engr. Pwr. Sta. Federico Rodriguez..... "

Elecl. Engr. G. Salcido..... "
Roadmaster, G. Monzon..... "

Power sta. equip. 3 a. c. G. E. Allis C. tot. 1400 kw. 2300 v. 2 ph. 60 cys; 1500 hp. e. Industrial; 1000 hp. b. Heine; 500 kw. (stm.) turb. Allis C; trans. volt. 2300 v; trolley volt. 550 v.

Power sta. and repair shops at Chihuahua.

Reaches four parks.
10.56 miles elec., 14.28 miles steam
4-8½ g; 18 motor and 16 other cars
(Furnishes lighting and power.) ★7.

JUAREZ. 8,218 (1907).

(See No. 1133.)

COAHUILA.

TORREON. 13,845.

(See No. 1313.)

COLIMA.

COLIMA. 25,148.

1312—Ferrocarril Urbano De Colima.—Gen. office, Colima. (Connects Villa de Alvarez with Colima.)

Pres. & Gen. Mgr.

D. G. C. MacNeill..... Colima
Repair shops at Colima.
5.5 miles; 4-8½ g; 36 cars (horse and elec). 88

GOMEZ PALACIO. 10,000.

1313—Ferrocarril Electrico de Lerdo a Torreon, S. A.—Office, P. O. Box 219, Torreon, Coah. (Connects Lerdo, Torreon and Gomez Palacio.)

Pres. Leon Signoret
3a Capuchinas No. 75, Mexico City
V. Pres. & Sec. Federico Sarinena "
3a Capuchinas No. 69.

Treas. Jose R. Castro... Mexico, D. F.
Audr. Pedro de Heras... Torreon, Coah.
Gen. Mgr., Supt., Pur. Agt. & Cl. Agt. Elisu Aguino " "

Ch. Engr., Elecl. Engr. & Engr. Pwr. Sta. & Engr. Ovhd. Constr. Fernando Sanchez Armass " "

Roadmaster, Blas Cenicho " "
4 d. c. G. E. tot. 712 kw. 4 a. c. A. E. G. tot. 940 kva. 2200 v; 3 ph. 60 cys; 650 hp. e. (gas) A. E. G; 700 hp. b. Bab. & W. trans. volt. 6600 and 2020 v; trolley volt. 550 v.

2 sub-sta. tot. 110 kw.; 2 mo.-gen. sets G. E.

Power stas. at Torreon and Gomez Palacio; repair shop at Gomez Palacio.

13.75 miles (electric); 4-8½ g; 19 motor pass., 21 trail pass. and 4 other cars (Company furnishes electric lighting in Lerdo, Gomez Palacio and Torreon.) 128

HIDALGO.

PACHUCA. 38,620.

1314—Compania de Luz, Fuerza y Ferrocarriles de Pachuca.—Address, Deposito de Tranvias. (Connects Pachuca, Real del Monte, Mines of San Rafael, Santa Gertrudias and La Blanca.)

Pres. Joaquin D. Casasus... Mexico City
Treas. Jacinto Pimentel..... " "

Gen. Mgr. T. Brandenburg. " "
Supt. Claim Agt. Gen. Fgt. Pass. & Pur. Agt. Aaron Garcia... Pachuca

Ch. Engr. Geo. Schroder..... "
M. M. Francisco Chevallier... "

Roadmaster, Catarino Miranda... "
Power rented from Mexico Lt. & Pwr Co.; trans. volt. 6000 v; trolley volt. 1000 v. (outside of the city); 500 v. (in the city).

Repair shops at Pachuca. .
21 miles (electric); 3-8 g; 5 motor and 60 other cars; 5 locos. 6

JALISCO.

GUADALAJARA. 118,799.

1315 — Compania Hydroelectric E'Irrigadora del Chapala, S. A.—Office, Fernando Bldg., Guadalajara (Consol. of Compania de Tranvias Luz y Fuersode and Tranvias de Juana catlan.)

Pres. Fernando Pimentely Fagoaga
Mexico, D. F.

Sec's. { Eduardo I. Aguilar.. Guadalajara
 { Alfredo B. Alcalde... " "
 Cashier Francisco Catano... " "
 Audr. Louis Desableaux.... " "
 Gen. Mgr. Emile Pinson.... " "
 Asst. Mgr. Eugene Pinson... " "
 Ch. Engr. St. Ry. Dept.,
 T. Geelen..... " "
 Ch. Engr. Ltg. Dept.
 M. Schiaffino..... " "
 Pur. Agt. Jose Alvarez... " "
 Elec. { Paul Ponsolle... " "
 Engrs. { Eugene Jimbourg " "
 M. M. Antonio Sanso... " "
 Power stas. (hydro-electric) at Las Juntas, Juanacatlan and Puento Grande; tot. hp. 15,000; repair shops at Guadalajara. Trans. volt. 70,000 and 10,000 v. 3 ph. Reaches El Paraden Park. 60 miles; 4-8½ g; 110 cars. (Company furnishes energy for lighting.) 112

MEXICO.

MEXICO CITY. 525,000.

1316—Compania de Tranvias de Mexico, S.A. (Mexico Tramways Co.)—Address 19 Manning Arcade, Toronto, Can., and P. O. Box 134 Bis, Dist. Federal, Mex. (Operates Ferrocarriles del Distrito Federal de Mexico and Cia Mex. de Traccion. Reaches every important suburban town in the Federal District, pop. 780,000.) (Controls Mexican Lt. & Pwr. Co.)

Pres. R. C. Brown.. Toronto, Ont., Can.
 Miller Lash. " " "
 V. { Z. A. Lash... " " "
 Prests. { H. Malcolm Hubbard,
 3 London Wall Bldgs.
 London, Eng.

Sec. R. H. Merry
 603 Dominion Bk. Bldg., Toronto, Can.
 Local Sec.

P. Mendez y Mendez... Mexico City
 Treas. M. G. Fulton..... " "
 Mng. Dir. G. R. G. Conway... " "
 Technical Engr. A. E. Reynolds " "
 Energy from Mexicah Lt. & Pwr. Co.; trolley volt. 600 v; 6 sub-stas. with 12 motor-gen. tot. 11,000 kw.; 2 portable substas. tot. 850 kw.

Repair shops at Indianilla.
 204 miles elec., 9.5 miles mule; 3 g. & 4-8½ g; 355 elec., 8 mule, 139 freight and 84 funeral cars. (Interurban roads to Toluca (42 miles) and to Puebla (110 miles) under construction.) ★59

1316a — Compania Productora y Abastecedora de Potencia Electrica, S. A.—Office, Apartado 756 Mexico City. (Has taken over the plant of Cia de Electricidad y Tranvias de Aguas Calientes, Aguas Calientes (No. 1310), which see for officers and equipment. 128

TOLUCA. 31,247.

1317—Tranvias de Toluca.—Address, Apartado 25. (City line only.)

Pres. Eduardo Henkel..... Toluca
 Sec. & Treas. Alberto Henkel... " "
 Audr. E. Alcantara..... " "
 Gen. Mgr. L. Gouzalz..... " "
 Pur. Agts. Henkel Bros..... " "
 M. M., M. Pineda..... " "
 Roadmaster F. Hardy..... " "

Repair shops at Sta. Clara, Toluca.
 Reaches park at Colon Road.
 8.2 miles, 3-6 g; 43 cars. (Co. does general ltg. & pwr. business through Cia. de Luz Electrica de Toluca.) ★69

NUEVO LEON

MONTERREY. 81,006.

1318—Compania de Tranvias, Luz y Fuerza Motriz de Monterrey. (Monterrey Ry., Lt. & Pwr. Co.)

Office, Apartado No. 58, Calle de Dr. Mier 73, Monterrey, N. L., Mexico. (Operates all the street railway lines in Monterrey. Connects Monterrey and Topo Chico, Hot Springs.)
 Pres. Sir Wm. Mackenzie
 1 Toronto St., Toronto, Can.

V. Pres.
 Sir Donald Mann..... " "
 Sec. & Treas. R. P. Ormsby.. " "
 Compt. R. G. O. Thompson. " "
 Gen. Mgr. & Off. Rep.
 E. F. Seixas..... Monterrey
 Asst. to Gen. Mgr.
 E. G. St. Hill..... " "
 Mgr. Ry. Dept. D. S. Morcom " "
 Mgr. Lt. & Pwr. Dept.
 E. Dysterud..... " "
 Ch. Engr. Pwr. Sta.
 C. D. Baxter..... " "
 M. M. Canuto Puente..... " "
 Roadmaster Domingo Garcia " "
 Power sta. equip. 5 a. c. G. E. tot. 3125 kva. 4000 v. 3 ph. 60 cys; 3 mo.-gen. G. E. West. tot. 1000 kw.; 51,620 kw. stm. turb. G. E.; 2000 hp. b. Bab. & W, Atlas; trans. volt. 4000 v; trolley volt. 550 v.
 Power sta. at cor. Allende y Juarez Sts.; repair shop at cor. Alameda y Reforma Sts.

Reaches Topo Chico, Hot Springs (owned).
 25 miles elec.; 4-8½ g; 27 motor pass.. 4 trail pass. and 2 exp. motor cars. (Co. does lighting and power business.) ★59

PUEBLO

PUEBLA. 101,214.

1320—Compania de Tranvias, Luz y Fuerza de Puebla. (Puebla Tramway, Lt. & Pwr. Co.)—General office, 3a Calle Balderas No. 24, Mexico City; local office, P. O. Box 41, Puebla. (Consol. Ferrocarril Urbano de Puebla, the Ferrocarril Industrial de Puebla, the Cia Anonima de Alumbrado Electrico de Puebla and the Cia de Luz y Fuerza "El Portezuelo.")

Pres. Sir Clarendon G. Hyde
 London, England

Sec. & Treas.
 J. H. Macdonald... " "
 Gen. Mgr. F. J. Miller..... Puebla
 Mng. Dir. A. E. Worswick

P. O. Box 515, Mexico City
 Power sta. equip. 14 a. c. A. E. G., G. E. West. tot. 20,790 kw. 10,000-4000-2200 v. 3 ph. 60 cys; 6000 hp. turb. (wtr.) Voith; 5000 hp. wtr. wh. Pelton; 17,000 hp. turb. (wtr.) Escher, Wyss; trans. volt. 100,000-42,000-33,000 v.

Power stas. at Portezuelo, San Agustin and Tuxpango.
 46 miles; 4-8½ g; 37 cars, 6 Ford gas. mo. pass. and 2 Ford fgt. cars. (Does general lighting and power business.) ★69

SAN LUIS POTOSI

CATORCE. 9,547.

1321 — Compania del Ferrocarril "Ogarrio."—(Connects Catorce with Potrero, where it connects with National Railroad of Mexico.)

Pres. Joaquin de la Maza.
 Apartado 223, San Luis Potosi

Sec. & Treas.
 Rafael Gustavo Lopes,
 Apartado 348

Supt.
 Antonio Lomeli, Apartado 9, Catorce
 Power sta. equip. 3 d. c. C. G. E. tot. 300 kw; 1 a. c. C. G. E. 35 kw. s. ph. 60 cys; 160 hp. e. (gas & stm.) Dietz, Otto, McI. & S; 200 hp. b. Union Iron Wks; trolley volt. 500 v.

Power sta. and repair shops at Santa Ana.
14 miles elec.; 3-6 g; 34 cars. ★69

SINALOA

MAZATLAN. 22,000.

1322 — Empresa del Ferrocarril Urbano y Vecinal.—P. O. Box 29. (Controls Linea del Muelle, Linea del Puerto Viejo (1.5 miles under construction) and Ferrocarril Vecinal.) (Connects So. Pacific R. R. Sta., 1½ miles, and cemetery, 3 miles.)
Prop., Treas., Mgr. & Pur. Agt. Arthur de Cima..... Masatlan
Sec. Daniel C. Urrea.....
Supt. Robert de Cima.....
Repair shops at Masatlan car barns. Owns park at Loma Atravesada. 4.5 miles (mule and steam); 3-6 g; 8 cars. 128

TAMAULIPAS

NUEVO LAREDO. 7,000 (1918).

1323—Compania de Tranvias de Nuevo Laredo, S. A.
Pres. & Gen. Mgr. Juan F. de la Garza... Nuevo Laredo
V. Pres. Canuto Barreda.
Sec., Treas., Supt. & Pur. Agt. Luis Varela.....
Energy purchased from Laredo (Tex.) Elec. & Ry. Co. 3.5 miles; 4 g; 4 pass. cars and 1 fgt. car. 122

TAMPICO. 16,313 (1907).

1324—Compania Electrica de Luz, Fuerza y Traccion de Tampico, S. A. (Tampico Elec. Lt.; Pwr. & Trac. Ltd.)—General office, 3a Calle

Balderas No. 24, Mexico City; local office, Apartado 124, Tampico. (Operates in Tampico and connects Dona Cecilia and Miramar.)
Pres. Henry C. Waters. London, Eng. Mng. Dir. A. E. Worswick
P. O. Box 515, Mexico City
Sec. M. Schaap..... Tampico
Gen. Mgr. Harvey S. Leach.....
Pwr. sta. equip. 3 a. c. turbo-gen. A.E. G. Berlin tot. 6000 kw. 2300 v. 3 ph. 60cys; 6 boilers Bab. & W; 1-3000 kw. Westg. turbo.-gen; 2-500 kw. mo.-gen. sets; trans. volt. 10,000-2300 v; trolley volt. 550 v.
Power sta. and repair shop at Tampico. 12.75 miles; 1.44 meters g. (4-8¼); 14 motor and 7 other cars. (Co. does a lighting business.) 128

VERA CRUZ

VERA CRUZ. 29,164.

1325—Vera Cruz Elec. Lt., Pwr. & Trac. Ltd.—General office, 3a Calle Balderas, No. 24, Mexico City.
Chmn. Vincent York, 47 W. Parliament St., Westminster, S.W., London, Eng.
Dir. J. H. Macdonald.....
Mng. Dir. A. E. Worswick
P. O. Box 515, Mexico City
Gen. Mgr. F. J. Miller..... Vera Cruz
Power sta. equip. 6 a. c. gen. tot. 1800 kva. Siemens Bros; 2300 v. 3 ph. 60 cys; 3000 hp. Diesel (oil) e. Augsburg & Sulzer Bros; 3 mo. gen. sets tot. 550 kw; trolley volt. 600 v; trans. volt. 2300 v. Held as a standby sta. Energy purchased from Puebla Tramway Lt. & Pwr. Co.
Repair shops at Vera Cruz. Reaches a bathing resort. 13 miles; 4-8¼ g; 18 motor and 15 other cars. (Company does general ltg. & pwr. business.) 128

PHILIPPINE ISLANDS.

(See under the United States, page 166.)

WEST INDIES.

(*Postage rates to Cuba and Porto Rico same as United States; domestic rate applies also to letters, but not to other articles, addressed to Newfoundland and Barbados; to all other Islands, foreign rate.*)

BARBADOS (Br.)

(176,000)

BRIDGETOWN. 35,000.

1235—Bridgetown Tramway Co., Ltd.

Controlled by Wm. B. McKinley, Champaign, Ill., and associates.
 Chm. Local Board of Directors.
 C. Y. Simpson, Bridgetown.
 Gen. Mgr. Charge of Reconstruction & Electrification & Purchasing.
 H. E. Chubbuck, Peoria, Ill., U.S.A.
 Sec. & Treas. Edw. Woodman, 55 Exchange Pl., Portland, Me., U.S.A.
 Asst. Sec. Jas. M. Mendenhall, U.S.A.
 Andr. A. H. McKimstry, " "
 Mgr. R. A. D. Boyne, " "
 Constr. Engr. W. R. Morrison, " "
 Deputy Mgr. I. R. Gall, " "
 9 miles (mule line)—will be converted into electric tramway for 20 cars. 125

CUBA.

CAMAGUEY. 29,616.

1237—The Camaguey Co., Ltd.

Office, 164 St. James St., Montreal, Que., Can. Operating office, 91 Estrada Palma, Camaguey. Owns Camaguey Elec. Co., Ltd., Camaguey Tramway Co., Ltd., and Camaguey Land Co., Ltd.
 Pres. Carl C. Giles, Camaguey
 V. Pres. W. B. Ross, Halifax, N.S., Can.
 Sec. V. M. Drury, Montreal, Que., Can.
 Andrs. Deloitte, Plender, Griffith & Co., La Lonja, Havana.
 Mgr. C. Stuart Townsend, Camaguey
 Supt. H. R. Mills, " "
 Pur. Agt. Moody Eng'g Co., 90 West St., New York, N.Y.
 Ch. Engr.

Jose Berry, 55 Libertad, Camaguey
CAMAGUEY ELEC. CO.'S PLANT
 —2 d. c. G. E. tot. 300 kw; 3 a. c. G. E., Westg. tot. 800 kw. 1200 v. 2 ph. 60 cys; 675 hp. e. B. & W; 960 hp. b. A. & T; 500 kw. stm. turb. Westg; trans. volt. 1200 v; trolley volt. 550 v.
 Pwr. sta. and repair shops at 91 Estrada Palma, Camaguey.
 8 miles; 4-8½ g; 12 pass., 1 fgt. and 8 flat cars. (Co. furnishes lighting and power.) 88

CARDENAS. 24,280.

1238—Tranvia Electrico de Cardenas, S. A.—Office, av. Independencia y Calle 5 Cardenas. Operates in Cardenas; will construct a line to Varadero Beach, 13 miles.)

Pres. Martin Diaz,
 Hector y Ayllon, Cardenas
 V. Pres. Ernesto Castro
 Av. 1a y Calle 6
 Sec. Dr. Frank J. Larrien
 Av. 2a y Calle 6
 Ch. Engr. Jorge A. Larrien,
 Calle 5 y Av. Independencia.
 Treas. & Andr. Paulino Dias
 Gen. Mgr. Ed. Elgarresta
 P. O. Box 47

Supt. Pedro J. Diaz, Cardenas
 M. M., G. Sabater
 Engr. M. of W., Raul Castro,
 Calle 5 y Av. Independencia.
 Power sta. equip., 2 d. c. Primm, 120 kw. Energy purchased from Cia. Electricidad de Cardenas, S. A. (for emergency).
 7 miles; 4-8½ g; 12 storage battery cars.

CIENFUEGOS, S. C. 30,100.

1239—Cienfuegos, Palmira & Cruces Elec. Ry. & Pwr. Co.—Executive office, 233 B'way., New York, N. Y.; gen. office, Santa Elena, Cienfuegos, Santa Clara, Cuba. (Connects Cienfuegos, Cruces, Caunabo, Palmira, Camarones, Cumanavaca and Hormiguero.)

Pres. Jose Marimon, Havana
 1st V. Pres. Armando Godoy
 2d V. Pres. Gabriel Cardona
 Sec. Julio de la Torre
 Treas. Segundo Castelleiro
 Gen. Mgr. Jose Primelles, Cienfuegos
 Asst. Gen. Mgr. & Ch. of Ry. Service Frank M. Aguirre
 Pur. Agt. Juan P. Murray
 Ch. Engr. C. C. Vermeule
 Elec. Engr. G. H. Palmer
 M. M., A. Schomberg
 Engr. Orhd. Constr. W. D. Abbott
 Power sta. equip. 4 d. c. C-W, West. & Siemens; 230 hp. oil e. Miets & West. Dela Vergue; 1000 kw. stm. turb. G-E; 1500 hp. wtr. turb. G-E; trans. volt. 44,000 v; trolley volt. 2300 v.
 2 sub-stas.; 1 mo. gen. set. Siemens.
 Pwr. sta. and repair shops at Carrettera de Caunabo, Cienfuegos.
 29 miles; 4-8½ g; 26 pass. and 8 other cars. Storage battery system. (Company does gen. lig. and pwr. business in Cienfuegos.) (45 miles standard single track under construction.) 118

HAVANA. 297,159.

1230—Havana Elec. Ry., Lt. & Pwr. Co.—Gen. office, Havana, Monte No. 1. (Consolidation by merger of the Havana Elec. Ry. Co. and the Compania de Gas y Electricidad de la Habana.) (Controls all electric lines in Havana and the Insular Ry. Co.) (Operates in Havana and to and from Marianao.)

Pres. & Gen. Mgr. Frank Steinhart, Havana
 1st V. Pres. David T. Davis, 55 Liberty St., New York, N. Y.
 2d V. Pres. Emeterio Zorilla, Havana
 3d V. Pres. Antonio San Miguel
 Sec. & Treas. H. Kraemer, 55 Liberty St., New York, N. Y.
 Asst. Treas. F. Porro Orfila, Havana
 Andr. Ragueio Oduardo
 Asst. Gen. Mgr. & Ch. Engr. C. W. Ricker
 Claim Agt. Nestor Tremols
 Supt. Traffic, J. E. Fuentes
 Pur. Agt. A. McDonald
 Elec. Engr. R. W. Tassie
 Mech. Engr. G. Turk
 Ch. Engr. Pwr. Sta. R. E. Nelson
 M. M. Francisco Auer
 Supt. Orhd. Constr. B. H. Clay

Power sta. equip. 3 a. c. West. tot. 37,500 kw. 2200 v. 3 ph. 60 cys; 14,400 hp. b. Bab. & W. 37,500 kw. stm. turb. West; trans. volt. 13,200 v; trolley volt. 575 v.

6 sub-stas. tot. cap. 11,700 kw; 16 rot. conv. (9-1000 kw; 3-500 kw; 4-300 kw.)

Power sta. at Harbor, between Alambique & Aguila Sta.; repair shop at 9th & 18th Sta., Vedado.

Reaches Palatino and Playa de Marianao.

93 miles; 4-8½ g; 416 motor and 73 other cars; 8 elec. locos. (Company does lighting and power business.) 59

1331 — Havana Central R. E. Co.—

Central Station, Havana. (Connects Havana with suburban towns—Marianao, Punta Brava, Hoyo Colorado, Guanajay, Cotorro, San Jose de las Lajas, Guienes, "Providencia Sugar Mill," Regla and Guanabocoa.)

Pres. W. E. Ogilvie, 42 Broadway, New York, N. Y.

V. Pres. Frederick W. Baumann, 6 Hanover St., New York, N. Y.

2d V. Pres. Wm. A. Jones, Jr., 233 Broadway, New York, N. Y.

Sec. & Treas. H. Bellefeuille, 42 Broadway, New York, N. Y.

Asst. Sec. & Treas. B. A. Gale, 42 Broadway, New York, N. Y.

Audr. T. P. Mason, Havana

Gen. Mgr. G. A. Morson, " "

Mgr. Traffic & Transp. M. L. Masteller, " "

Supt. E. G. Robes, " "

Gen. Ft. & W. T. Medley, " "

Pass Agts. (Frank Roberts, " "

Supt. of Stores H. L. Ashley, " "

Claim Agt. G. G. Dedge, " "

Ch. Engr. Phillip Hammond, " "

Ch. Elec. Engr. John A. Thompson, " "

Master Car Builder B. F. Elliott, " "

Engr. M. of W., R. S. Webster, " "

Power sta. equip. 4 a. c. turbo-gen. G. E. tot. 8500 kw; 2200 v. 3 ph. 25 cys; 5625 hp. b. Munoz, Bab. & W.; trans. volt. 19,100 v; trolley volt. 600 v.

Power sta. at Havana; repair shop at Luyano.

77 miles; 4-8½ g; 36 pass. and baggage and 324 fgt. cars; 10 elec. and 5 steam locos. (Company furnishes energy for lighting in all towns connected except Havana.) ★59

MATANZAS. 36,009.

1332 — Ferrocarril Electrico De Matanzas, S. A.—

Office, San Carlos y Recurso. (Controls the Tranvia de Matanzas and The Yumuri, Matanzas & Bellamar Ry. Co. Operates in Matanzas and suburbs.)

Pres. Luis Amezaga, Matanzas

1st V. Pres. Bonifacio Menendez, " "

2nd V. Pres. Pedro U. Bea, " "

Sec. Eduardo Rodriguez Verrier, " "

Treas. Bautista Canizo, " "

Mgr. & Ch. Engr. J. Gonzalez Sigarros, " "

Supt. Antonio Morey, " "

M. M., Evelio Bello, " "

Supt. of Traffic Andres Aragon, " "

Energy purchased from Compania Anonima Electrica Alemana Cubana.

12,4274 miles; 4-8½ g; 21 storage battery cars. 88

REGLA.

(See No. 1331.)

SANTIAGO. 45,470.

1333—Compania Electrica de Al-

umbrado y Traccion de Santiago.

—Office Hartmann, baja 15, Santiago.

Pres. Jose Marimon, Banco Espanol, Havana

V. Pres. Jose Bosch, Santiago
Sec. Armando Godoy

Banco Espanol, Havana

Treas. Banco Espanol, Isla de Cuba

Audr. Eduardo Montanchez, Santiago

Gen. Mgr. Gaston Godoy, " "

Gen. Fgt. & Pass. Agt. Guillermo Alernany, " "

Pur. Agt. Eduardo Guerra, " "

Elec. Engr. Augusto Reig, " "

Ch. Engr., Pwr. Sta. Andres Santiago, " "

M. M., Baldomero Corona, " "

Engr. Ovhd. Constr. Francisco Bravo, " "

Power sta. equip. 2 d. c. Westg. tot. 800 kw; 4 a. c. G. E. tot. 1100 kw. 2300 v. 3 ph. 60 cys; 2000 hp. b. Bab. & W; 2000 hp. e. G. E. 1000 kw. stm. turb. G. E; trans. volt. 2300 v; trolley volt. 600 v.

1 sub-sta.; 2-400 kw. rot. conv.

Power sta. and repair shop at Punta Blanca, Santiago.

Reaches Vista Alegre and Villa Marimon.

14.80 miles; 4-8½ g; 30 motor and 3 other cars. (Co. does general lighting business.) 88

JAMAICA

KINGSTON. 57,379.

1334—The West India Elec. Co.,

Ltd.—151 Orange St. (Controls Jamaica Lt. & Pwr. Co.) (Connects Kingston and the Parish of St. Andrew.)

Pres. Jas. Hutchison, 260 St. James St., Montreal, Que., Can.

V. Pres. G. J. Crowd, Shaughnessy Bldg., " " "

Sec. J. M. Brady, Bk. of Toronto, " " "

Audr. Harold Davenport, Kingston

Mgr. David N. Barr, " "

Pur. Agt. Moody Eng'g Co., Inc., 115 Broadway, New York, N. Y.

Elec. Engr. H. A. Campbell, Kingston

Traffic Supt. David Peat, " "

Power sta. equip. 2 d. c. G. E. tot. 500 kw; 3 a. c. G. E. tot. 900 kw. 500 v. 3 ph. 40 cys; 750 hp. e. Belliss & Morcom; 700 hp. b. Bab. & W; 1350 hp. turb. (wtr.) S.-B.; trans. volt. 14,000 v; trolley volt. 550 v.

Power stas. (hydraulic) at Bog Walk and (steam) at Gold St.; repair shops at 151 Orange St.

Owens Rock Fort Gardens (leased to Amusement Co.)

26 miles (electric); 4-8½ g; 31 motor and 7 other cars. (Company does lighting business.) ★69

PORTO RICO.

(See under the United States, page 166.)

TRINIDAD

PORT OF SPAIN. 60,000.

1335—The Trinidad Electric Co.,

Ltd.—Office, cor. Park & Frederick Sts. Canadian office, Keith Bldg., Halifax, N. S. (Operates in Port of Spair and immediate surrounding territory.)

Pres. Hon. W. B. Ross, Halifax, N. S.

V. Prests. (Wm. Gordon-Gordon, Port of Spair

H. R. Silver, Halifax, N. S.)

Sec. & Treas. F. B. Oxley, " "

Audr. T. L. E. Piers, " "

Pur. Agt. Moody Eng'g Co., Inc., 115 Broadway, New York, N. Y.

Gen. Mgr. S. D. Harding.. Port of Spain
 Supt. L. W. Collins..... "
 Traffic Supt. Clemente Stoute "
 Elec'l Supt. Alberto Rodriguez "
 Ch. Engr. Pwr. Sta.
 Geo. S. Pollard..... "
 Car House Frmn. Thos. Hercules "
 Power sta. equip. 2 d. c. G. E. tot. 600
 kw; 3 a. c. G. E. tot. 650 kw. 2200 v. 2 ph.
 60 cvs; 2200 hp. e. Robb; 1000 hp. b. Bab.
 & W; 750 kw. stm. turb. West; trolley volt.
 550 v.
 Power sta. and repair shop at Port of
 Spain.
 Reaches Queen's Park, Savannah.
 14.24 miles; 4-8 1/2 g; 24 motor pass. cars.
 (Company does a lighting and power busi-
 ness.) 128

PANAMA

PANAMA. 75,000 (1915).

1336 — Panama Electric Co. —
 Office, 71 B'way., New York, N. Y.
 (Connects Panama, Ancon, Balboa, La

Boca, Ft. Grant, Bella Vista and Sa-
 banas.)
 Pres. W. J. Ferris... New York, N. Y.
 1st V. Pres. James S. Dales.... Panama
 2d V. Pres. A. P. Ennis..... Colon
 Sec. & Treas.
 E. P. Summerson.... New York, N.Y.
 Audr. Edmund George Ford... Panama
 Gen. Mgr. Jas. S. Dales..... "
 Supt. Elmer P. Haw..... "
 Claim Agt. J. F. de La Ossa, Jr. . "
 Pur. Agt. Electric Bond & Share Co.
 71 Broadway, New York, N.Y.
 Ch. Engr. E. A. Graham..... Panama
 Ch. Engr. Pwr. Sta. R. Slattery. "
 Engr. Ovhd. Constr. W. J. Swales "
 Power sta. equip. 3 a. c. West. tot. 2500
 kw. 2300 v. 3 ph. 60 cvs; 1050 hp. b. Bab.
 & W; 2500 kw. stm. turb. West; energy
 also purchased from Cia Panamena de
 Fuerza y Luz; trolley volt. 550 v.
 1 sub-sta. cap. 600 v; 2-300 kw. rot.
 conv. Westg.
 Repair shop at North Ave. & American
 Wharf.
 Reaches Bella Vista Bathing Beach and
 Pavilion.
 10.5 miles; 3-6 g; 22 motor and 2
 freight cars. ★59

ELECTRIC RAILWAY ASSOCIATIONS.

Arranged Alphabetically by Name

Alabama Light & Traction Association.

President, Thos. W. Martin, Alabama Pwr. Co., Birmingham.
Vice-President, A. R. Smith, Demopolis Elec. Lt. & Pwr. Co., Demopolis.
Secretary and Treasurer, J. P. Ross, Birmingham Ry. Lt. & Pwr. Co., Birmingham.
Executive Committee: H. P. Powell, Selma Ltg. Co., Selma; C. C. Henderson, Henderson Lt. & Pwr. Co., Greenville; T. K. Jackson, Mobile Elec. Co., Mobile. ★69

American Electric Railway Accountants' Association.

(Affiliated with A E R A)

President, M. R. Boylan, Gen. Andr. Public Service Ry. Co., Newark, N. J.
1st Vice-President, H. B. Cavanaugh, Haskins & Sells, Cleveland, Ohio.
2d Vice-President, I. A. May, Compt. The Conn. Co., New Haven, Conn.
3d Vice-President, John J. Landers, Andr. York Rys. Co., York, Pa.
Secretary-Treas. F. J. Davis, Public Service Ry. Co., Newark, N. J.
Executive Committee: The officers and P. V. Burlington, Sec. The Columbus Railway Power & Light Co., Columbus, Ohio; F. E. Webster, Treas. Mass. Northeastern Street Ry. Co., Haverhill, Mass.; F. H. Sillick, Comptroller Hudson & Manhattan R. R. Co., New York, N. Y.; W. G. Nicholson, Sec. & Andr. Omaha & Council Bluffs St. Ry. Co., Omaha, Neb. ★69

American Electric Railway Association.

President, John H. Pardee, Pres. Eastern Pennsylvania Railways Co., Pottsville, Pa.
1st Vice-President, Richard McCulloch, Pres. United Railways Co. of St. Louis, St. Louis, Mo.
2d Vice-Pres. T. S. Williams, Brooklyn Rapid Transit System, Brooklyn, N. Y.
3d Vice-Pres. R. I. Todd, Pres. Indianapolis Traction & Terminal Co., Indianapolis, Ind.
4th Vice-Pres. Philip J. Kealy, Pres. The Kansas City Ry. Co., Kansas City, Mo.
Secretary and Treasurer, E. B. Burritt, 8 West 40th St., New York, N. Y.
Executive Committee: Officers and M. R. Boylan, Pres. Accountants' Assn., Newark, N. J.; F. R. Phillips, Pres. Engineering Assn., Pittsburg, Pa.; R. E. McDougall, Pres. Claims Assn., Rochester, N. Y.; L. C. Bradley, Pres. Transportation & Traffic Assn., Houston, Tex.; Thos. Finigan, Vice-Pres. Amer. Brake Shoe & Fdy. Co., Chicago, Ill.; James H. McGraw, Pres., McGraw-Hill Company, Inc., New York, N. Y.; S. M. Curwen, Pres. J. G. Brill Co., Philadelphia, Pa.; E. W. Rice, Jr., Pres. General Elec. Co., Schenectady, N. Y.; Guy E. Tripp, Chmn. Bd. of Dir. Westinghouse Elec. & Mfg. Co., New York, N. Y. 69

American Electric Railway Claims Association.

(Affiliated with A E R A)

President, R. E. McDougall, Claim Agt. New York State Rys., Rochester, N. Y.
1st Vice-President, S. B. Hare, Claim Agt. Altoona & Logan Valley Elec. Ry. Co., Altoona, Pa.

2d Vice-President, J. J. Reynolds, Claims Atty., Boston Elev. Ry., Co., Boston, Mass.

3d Vice-President, W. H. Hyland, Claim Agt., Fonda, Johnstown & Gloversville R. R., Gloversville, N. Y.

Secretary and Treasurer, Joseph S. Kubu, Claim Agt., New York State Rys., Utica, N. Y.

Executive Committee: The President, Vice-Presidents, and J. H. Handlon, Claim Agt. United R. R. of San Francisco, Cal.; C. G. Rice, Asst. to Pres., Pittsburg Railways Co., Pittsburg, Pa.; W. H. Renaud, Jr., Claim Agt., New Orleans Ry. & Lt. Co., New Orleans, La.; Howard D. Briggs, Asst. Gen. Claim Agt., Public Service Ry. Co., Newark, N. J. ★69

American Electric Railway Engineering Association.

(Affiliated with A E R A)

President, F. R. Phillips, Supt. Equip. Pittsburgh Rys. Co., Pittsburgh, Pa.

1st Vice-President, _____

2d Vice-President, W. G. Gove, Supt. Equip. Brooklyn Rapid Transit System, Brooklyn, N. Y.

3d Vice-President, E. R. Hill, Conslt. Engr., Norfolk & Western Ry. Co., New York, N. Y.

Secretary and Treasurer, E. B. Burritt, 8 West 40th St., New York, N. Y.

Executive Committee: The officers and C. S. Kimball, Engr. Maint. of Way Washington Ry. & Elec. Co., Washington, D. C.; C. L. Cadle, Chief Engr. New York State Railways, Rochester, N. Y.; O. F. Bedwell, Asst. Engr. Public Service Ry. Co., Newark, N. J.; J. W. Welsh, Spec. Engr., American Elec. Ry. Association, New York City. ★59

American Electric Railway Manufacturers' Association.

President, Thomas Finigan, Asst. Vice-Pres. Amer. Brake Shoe & Fdry. Co., Chicago, Ill.

Vice-President, Chas. C. Pierce, Mgr. Ry. Dept. General Elec. Co., Boston, Mass.

Vice-President, Daniel W. Smith, Pres. The Peter Smith Heater Co., Detroit, Mich.

Vice-President & Treasurer, L. E. Gould, Pres. Economy Elec. Devices Co., Chicago, Ill.

Vice-President, E. F. Wickwire, Gen. Sales Agt., The Ohio Brass Co., Mansfield, O.

Secretary, Fred C. J. Dell, 50 East 42nd St., New York, N. Y.

Executive Committee: President, Vice-Presidents and W. F. Cutler, V. Pres. Southern Wheel Co., St. Louis, Mo.; Dwight B. Dean, Sales Mgr., The G. C. Kuhlman Car Co., Cleveland, O.; L. J. Drake, Jr., V. Pres. Galena-Signal Co., New York, N. Y.; Chas. R. Ellicott, Asst. Eastern Mgr. Westinghouse Trac. Brake Co., New York, N. Y.; B. A. Hegeman, Jr., Pres. National Railway Appliance Co., New York, N. Y.; M. B. Lambert, Asst. Mgr. Ry. & Ltg. Dept., Westinghouse Elec. & Mfg. Co., East Pittsburgh, Pa.; Edwin B. Meissner, V. Pres. St. Louis Car Co., St. Louis, Mo.; George Stanton, Mgr. Sales, Cleveland Frog & Crossing Co., Cleveland, O.;

A. H. Woodward, Pres. The International Register Co., Chicago, Ill. One vacancy in Executive Committee. 69

American Electric Railway Transportation and Traffic Association.

(Affiliated with A E R A)

President, L. C. Bradley, Dist. Mgr. Stone & Webster Properties, Houston, Tex.
 1st Vice-President, W. H. Collins, Gen. Mgr. Fonda, Johnstown & Gloversville R. R. Co., Gloversville, N. Y.
 2d Vice-President R. P. Stevens, Pres. Mahoning & Shenango Ry. & Lt. Co. Youngstown, Ohio.
 3d Vice-President, L. H. Palmer, Asst. to Pres. United Railway & Elec. Co., Baltimore, Md.
 Secretary and Treasurer, E. B. Burritt, 8 W. 40th St., New York, N. Y.
 Executive Committee: The officers and J. J. Dempsey, Vice-Pres. Brooklyn (N. Y.) Rapid Transit System; R. B. Stearns, 1st Vice-Pres. Bay State Street Ry. Co., Boston, Mass.; H. C. Donecker, Asst. Gen. Mgr. Public Service Ry. Co., Newark, N. J.; G. T. Seeley, Asst. Gen. Mgr., Metropolitan West Side Elevated Ry. Co., Chicago, Ill. ★59

Arkansas Utilities Association.

President, J. S. M. Wharton, Mgr. Helena Gas & Elec. Co., Helena, Ark.
 1st Vice-President, J. L. Longine, Mgr. Arkansas Lt. & Pwr. Co., Arkadelphia, Ark.
 2d Vice-President, P. T. Phillips, Constr. Supt. Little Rock Ry. & Elec. Co., Little Rock, Ark.
 Secretary-Treasurer, W. J. Sharp, Andr. Little Rock Ry. & Elec. Co., Little Rock, Ark. ★79

California Electric Railway Association.

President, W. R. Alberger, V. P. & G. M., San Francisco, Oakland Term. Rys., Oakland, Cal.
 Vice-President, W. E. Dunn, V. P. Los Angeles Ry. Corp., Los Angeles, Cal.
 Treasurer, The Anglo-London Paris Natl. Bank, San Francisco.
 Manager, W. V. Hill, 58 Sutter St., San Francisco, Cal.
 Executive Board: Paul Shoup, Pres. Pacific Electric Ry., Los Angeles; W. E. Dunn, V. Pres. Los Angeles Railway Corp., Los Angeles; Wm. Clayton, Mng. Dir. San Diego Elec. Ry., San Diego.; W. R. Alberger, V. Pres. & Gen. Mgr. San Francisco-Oakland Terminal Rys., Oakland, Cal. ★69

Canadian Electric Railway Association.

Office, 70 Bond St., Toronto, Can.

President, A. Eastman, V. Pres. & Gen. Mgr. Windsor, Essex & Lake Shore Rapid Ry. Co., Kingsville, Ont.
 Vice-President, A. Gaboury, Supt. Montreal Tramway Co.
 Honorary Secretary-Treasurer, Acton Burrows, Managing Director, Canadian Railway & Marine World, Toronto, Ont.
 Assistant Secretary, Aubrey A. Burrows, Business Mgr. Canadian Ry. & Marine World, Toronto, Ont.

Executive Committee: The Pres. Vice-President, Honorary Sec. Treasurer and E. D. Burges, Ottawa Elec. Ry.; G. Gordon, V. Pres. & Gen. Mgr. Hull Ry. Co., Hull, Que.; J. S. Macle, Treas. Winnipeg Elec. Ry., Winnipeg, Man.; W. B. Powell, Gen. Mgr. Montreal & Southern Counties Ry. Co.; H. M. Hopper, Gen. Mgr. New Brunswick Pwr. Co.; Gen. Mgr. British Columbia Elec. Ry. Co.; R. M. Reade, Supt. Quebec Lt. & Pwr. Co.; C. L. Wilson, Mgr., Toronto & York Radial Ry.

Central Electric Railway Accountants' Association.

President, A. C. Van Driesen, Sec. Toledo Rys. & Lt. Co., Toledo, O.
 1st Vice-President, C. B. Klein, Andr., Toledo & Indiana R. R.
 2nd Vice-President, J. B. Hooper, Fgt. Accts., Detroit United Lines.
 Secretary and Treasurer, A. L. Neercamer, 306 Traction-Terminal Bldg., Indianapolis, Ind.
 Executive Committee: H. F. McColl, Andr., Indianapolis & Louisville Trac. Ry. Co.; L. W. Van Bibber, Andr., Ohio Elec. Ry. Co.; E. O. Brown, Andr., Western Ohio Ry., Lima, O.; Walter Shroyer, Andr., Union Traction Co. of Indiana.
 Annual meeting, February, 1920.

Central Electric Railway Association.

President, J. F. Collins, V. Pres. & Gen. Mgr. Mich. Ry. Co. Jackson, Mich.
 1st Vice-President, R. I. Todd, Pres. Haute, Indianapolis & Eastern Traction Co., Indianapolis, Ind.
 2d Vice-President, A. G. Blinn, Vice-Pres. & Gen. Mgr., Northern Ohio Traction Co., Akron, Ohio.
 Secretary and Treasurer, A. L. Neercamer, 306 Traction-Terminal Bldg., Indianapolis, Ind.
 Executive Committee: F. D. Carpenter, Pres. Western Ohio Ry.; C. L. Eastman, Pres., Indianapolis & Cincinnati Trac. Co.; S. W. Greenland, Gen. Mgr. Ft. Wayne & No. Ind. Trac. Co.; A. Nichol, Gen. Mgr. Union Traction Co. of Indiana; F. R. Coates, Pres. Toledo Rys. & Lt. Co., Toledo, O.; W. S. Rodger, Gen. Traffic Mgr. Detroit United Lines; F. W. Coe, Gen. Mgr. Lake Shore Elec. Ry., Sandusky, Ohio.; C. N. Wilcox, Pres., Chicago, Lake Shore & San Bend Ry.; F. J. Haas, Gen. Mgr. Public Utilities Co. Evansville, Ind.; J. R. Farrell, Representative Gen. Electric Co.; L. G. Parker, Representative, Cleveland Frog & Crossing Co.; A. C. Van Driesen, Pres. Central Electric Ry. Accountants' Assn.

Central Electric Traffic Association.

Chairman, A. L. Neercamer, 306 Traction Terminal Bldg., Indianapolis, Ind.
 Executive Committee: Same as Central Electric Railway Association.
 Meetings held during January, March, May, September and November.

Colorado Electric Light, Power & Railway Association.

President, E. A. Phinney, Gen. Mgr. Golden County Pwr. & Lt. Co., Golden, Colo.

President, Norman Read, Gen. Mgr., The Colorado Pwr. Co., Denver.
Secretary-Treasurer, F. P. Safford, The Denver Gas & Elec. Lt. Co., Gas & Electric Bldg., Denver.
Executive Committee: W. J. Barker, Gen. Mgr., The Denver Gas & Elec. Lt. Co., Denver; W. F. Raber, Gen. Mgr., Ark. Valley Ry. Lt. & Pwr. Co., Pueblo; J. F. Dostal, Gen. Mgr., Colorado Springs Lt., Ht. & Pwr. Co., Colorado Springs; W. C. Sterne, The Summit County Pwr. Co., Denver; James A. Clay, Gen. Mgr., The Western Colorado Pwr. Co. Montrose
 ★69

Illinois Electric Railways Association.

President, W. C. Sparks, Gen. Mgr. Rockford & Interurban Ry. Co.
Vice-President, E. M. Walker, Gen. Mgr. Terre Haute (Ind.) & Western Ry. Co.
Vice-President, W. L. Arnold, Gen. Mgr. Elgin & Bellvidere Elec. Co., Chicago.
Secretary-Treasurer, R. V. Prather, 305 De Witt-Smith Bldg., Springfield.
Executive Committee: President, 1st and 2d Vice-Presidents and D. E. Parsons, Gen. Mgr. East St. Louis & Suburban Ry. Co., East St. Louis; Frank J. Baker, Vice-Pres. Public Service Co. of Northern Illinois; E. C. Faber, Vice-Pres. Aurora, Elgin & Chicago R. R. Co.; C. H. Handshy, Asst. Gen. Mgr. Illinois Traction System, Springfield; H. E. Chubbuck, V. Pres. Exec. Illinois Traction System; Britton I. Budd, Pres. Chicago Elev. Roads; J. R. Blackhall, Gen. Mgr. Chicago & Joliet Electric Ry. Co.;
 Annual meeting, January. ★69

Iowa Electric Railway Association.

President, J. P. Ingle, Keokuk Elec. Co., Ottumwa Ry. & Lt. Co., Ottumwa.
Vice-President, F. J. Hanlon, Gen. Mgr. Mason City & Clear Lake R. R., Mason City.
Secretary and Treasurer, H. E. Weeks, V. Pres. Tri-City Ry. & Lt. Co., Davenport.
Board of Directors: President, Vice-President, Secretary and Treasurer E. C. Allen, Gen. Mgr. Cedar Rapids & Marion City Ry., Cedar Rapids; R. A. Leussler, Asst. Gen. Mgr. Omaha & Council Bluffs St. Ry., Omaha, Neb.
 Annual meeting June. ★69

Kansas Public Service Association.

President, J. D. Nicholson, Newton.
Vice-President, M. L. Derge, Salina.
Vice-President, R. G. Lafite, Eureka.
Vice-President, J. L. Harvey, Kansas City, Mo.
Secretary-Treasurer, W. W. Austin, Cottonwood Falls.
Executive Committee: A. M. Patten, Topeka; L. O. Ripley, Wichita; L. S. Small, Concordia; H. W. Magruder, Liberal; W. W. Austin, Cottonwood Falls; C. L. Brown, Abilene and Walter Grundy, Hutchinson. 69

Massachusetts Street Railway Association.

President, C. V. Wood, Springfield.
Vice-President, W. W. Sargent, Fitchburg.
Vice-President, P. F. Drew, Newton.
Secretary-Treasurer, Charles S. Clark, 141 Milk St., Boston.

Executive Committee: President, Vice-Presidents and D. P. Abercrombie, Greenfield; D. A. Belden, Haverhill; H. H. Crapo, New Bedford; F. H. Dewey, Worcester and L. D. Pellisier, Holyoke. 69

Mississippi Electrical Association

President, H. E. Brandt, Meridian.
Vice-Pres. R. B. Claggett, Greenville.
Secretary and Treasurer, E. S. Myers, Vicksburg. ★69

Missouri Association of Public Utilities.

President, J. M. Scott, Kansas City.
1st Vice-President, L. P. Andrews, Sedalia.
2d Vice-President, H. Spohrer, St. Louis.
3rd Vice-President, Col. P. J. Kealey, Kansas City.
Secretary and Treasurer, F. D. Beardslee, 315 N. 12th St., St. Louis.
Executive Committee: Philip J. Kealy, Kansas City; B. C. Adams, Joplin. E. R. Locke, Mexico; T. C. McKenzie, Hannibal; J. S. Tritle, St. Louis, (Associate Member, representing class "C" members.)
Public Affairs Committee: V. L. Elbert, Chairman, St. Joseph; J. F. Porter, Kansas City; Bruce Cameron, St. Louis; L. C. Deal, Springfield; J. H. Van Brunt, St. Joseph; H. Wurdack, St. Louis. ★69

National Committee on Public Utility Conditions.

Office, 950 Munsey Bldg., Washington, D. C.
Philip H. Gadsden, Chairman
 E. K. Hall
 H. H. Crowell
 A. S. Hills, Executive Secretary.
 Representing the National Electric Light Association, American Electric Railway Association and American Gas Association. 69

New England Electric Freight Association.

President, R. E. Cosgrove, Fgt. & Pass. Agt. Springfield St. Ry. Co., Springfield, Mass.
Secretary-Treas. F. C. Lewis, Gen. Fgt. Agt. Boston & Worcester St. Ry. Co., Framingham, Mass. 69

New England Street Railway Club.

President, J. E. Dozier, Lynn, Mass.
Vice-Presidents for States: Alfred Sweeney, Maine; David A. Belden, Mass.; Thomas H. Kendrigan, N. H.; F. S. Nicholson, Vt.; A. E. Potter, Providence, R. I.; T. A. May, Conn.
Secretary, John W. Belling, Boston, Mass.
Treasurer, Fred F. Stockwell, Cambridge, Mass.
Finance Committee: J. E. Dozier, Lynn, Mass.; B. W. Barnwell, Winchester, Mass.; C. A. Record, Cambridge, Mass.
Executive Committee: R. W. Perkins, Norwich, Conn.; John W. Belling, Boston, Mass.; A. A. Hale, Boston, Mass.; Wm. W. Field, Cambridge, Mass.; C. D. Emmons, Framingham, Mass.; L. P. Morris, Boston, Mass.; Walter C. Bolt, Boston, Mass.
Publication Committee: Geo. W. Knowlton, Boston, Mass.; J. E. Johnson, Boston, Mass.; F. J. Stone, Boston, Mass. ★69

New York Electric Railway Association.

President, Edw. A. Maher, Jr., Vice-Pres. & Gen. Mgr., Third Ave. Ry., New York.

1st Vice-President, Talmadge C. Cherry, Vice-Pres. & Gen. Mgr. Rochester & Syracuse R. R., Syracuse.
 2d Vice-Pres., W. O. Wood, Pres. New York & Queens County Trac. Co., Long Island City.
 Secretary-Treasurer, Wm. F. Stanton, Asst. to Vice-President, New York State Rys., Rochester, N. Y.
 Executive Committee: The officers and James E. Hewes, Gen. Mgr. Albany Southern R. R. Co., Rensselaer; Geo. Keegan, Asst. to Vice-Pres. & Gen. Mgr. Interurban Rapid Transit Co., Benj. E. Tilton, Vice-Pres. & Gen. Mgr. Albany Southern R. R.; Wm. E. Gove, Supt. Equipt. Brooklyn Rapid Transit Co. ★69

Oklahoma Utilities Association-
 President, J. F. Owens, Vice-Pres. & Gen. Mgr. Oklahoma Gas & Elec. Co., Oklahoma City,
 1st Vice-President, J. W. Shartel, Vice-Pres. & Gen. Mgr., Oklahoma Ry. Co., Oklahoma City.
 2d Vice-Pres., C. E. Devin, Mgr. Apache Telephone Co., Apache.
 Treasurer, Wm. Mee, Pres. Security National Bank, Oklahoma City.
 Manager, H. A. Lane, 611 State National Bank Bldg., Oklahoma City. ★69

The Pacific Claim Agents' Association.

President, H. G. Winser, Tacoma (Wash.) Ry. & Power Co.
 1st Vice-President, W. H. Moore, San Diego (Cal.) Elec. Ry. Co.
 2d Vice-President, J. S. Mills, Oakland (Cal.) Traction Co.
 3d Vice-President, C. A. Blackburn, Butte (Mont.) Elec. Ry. Co.
 Secretary and Treasurer, B. F. Boynton, Portland Ry. Lt. & Pwr. Co. (Ore.)
 Executive Committee: J. H. Handlon, United Railroads of San Francisco, San Francisco, Cal.; A. M. Lee, Northern Pacific Railway Co., Seattle, Wash.; Thos. G. Aston, Washington Water Pwr. Co., Spokane, Wash.; J. T. Rupli, Puget Sound Trac., Lt. & Pwr. Co., Seattle, Wash.; S. A. Bishop, Pacific Elec. Ry. Co., Los Angeles, Cal.; F. J. Lonergan, Portland (Ore.) Ry., Lt. & Pwr. Co. 69

The Pennsylvania Street Railway Association.

President, Gordon Campbell, Pres. York Railways Co., York.
 Vice-President, T. B. Donnelly, West Penn. Traction Co.
 Secretary and Treasurer, Henry M. Stine, 211 Locust St., Harrisburg.
 Executive Committee: The President, Vice-President, C. L. S. Tingley, Amer. Rys. Co.; C. B. Fairchild, Jr., Phila. Rapid Transit Co.; Thos. A. Wright, Wilkes-Barre Railways Co.; Thomas Cooper, Westinghouse Elec. & Mfg. Co. 79

Public Utilities Association of West Virginia.

President, Herbert Markle, Gen. Mgr. Appalachian Pwr. Co., Bluefield, W. Va.
 1st Vice-President, Mentor Hetzer, Gen. Mgr. Moundsville Wtr. Co., Moundsville, W. Va.
 2d Vice-President, Hon. Fred Paul Grosscup, Charleston, W. Va.
 3d Vice-President, P. P. Crafts, Gen. Mgr. Kanawha Trac. & Elec. Co., Parkersburg, W. Va.
 Secretary - Treasurer, W. C. Davison, Vice-Pres. West Virginia Water & Elec. Co., Charleston, W. Va.
 Executive Committee: President, Vice-Presidents and M. P. Pankey, Bluefield Telep. Co., Bluefield, W. Va.; H. S.

Newton, Gen. Mgr. Ohio Valley Elec. Co., Huntington, W. Va.; H. E. Watt, Gen. Mgr. Huntington Wtr. Co., Huntington, W. Va.; John B. Garden, Gen. Mgr. Wheeling Elec. Co., Wheeling, W. Va.; W. C. Matthews, Pres. Va. Western Pwr. Co., Clifton Forge, Va.; W. A. Maxwell, Gen. Mgr. Logan Heat, Lt. & Pwr. Co., Logan, W. Va. 18

Public Service Association of Virginia.

President, J. N. Shannahan, Hampton, Va.
 1st Vice-President, J. F. Rison, Danville, Va.
 2d Vice-President, W. F. Ficklen, Staunton, Va.
 3d Vice-President, Thomas S. Wheelwright, Richmond, Va.
 Secretary-Treasurer, W. J. Kehl, Richmond, Va. 69

Southwestern Electrical & Gas Association.

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 1st Vice-President, A. Hardgrave, Dallas, Tex.
 2d Vice-President, C. E. Calder, Dallas, Tex.
 3d Vice-President, Alba H. Warren, El Paso, Tex.
 Secretary, H. S. Cooper, 408-404 Slaughter Bldg., Dallas, Tex.
 Treasurer, J. B. Walker, Dallas, Tex.
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Advisory Committee: H. O. Clarke, Houston, Tex.; K. L. Simons, El Paso, Tex.; F. L. Weisser, San Antonio, Tex.; H. E. Danner, Houston, Tex.; B. F. Cherry, Weatherford, Tex.; A. Patterson, Texarkana, Tex.; W. E. Wood, Galveston, Tex.; D. G. Fisher, Dallas, Tex.; Jas. P. Griffin, Dallas, Tex.; J. W. Dawley, Abilene, Tex.; R. J. Irvine, San Angelo, Tex.; J. W. Carpenter, Dallas, Tex.; H. E. Borton, Calvert, Tex.; A. W. Houston, Houston, Tex.; Theo. Dienst, Bay City, Tex.; F. N. Lawton, Wichita Falls, Tex.; W. A. Darter, Brenham, Tex.; V. W. Berry, Ft. Worth, Tex.; R. G. Soper, Dallas, Tex.; R. C. Jones, San Antonio, Tex.; R. W. Van Valkenburgh, Dallas, Tex.; C. W. Davis, Dallas, Tex.; H. E. Hobson, Dallas, Tex.; F. G. Kune, Dallas, Tex.; C. A. Newning, Houston, Tex.; H. O. Clarke, Houston, Tex.; K. L. Simons, El Paso, Tex.; F. L. Weissner, San Antonio, Tex.; H. E. Danner, Houston, Tex.; H. E. Borton, Calvert, Tex.
 Finance Committee: J. E. Van Horn, Dallas, Tex.; R. G. Soper, Dallas, Tex.; C. H. Dickey, Houston, Tex. ★69

The Tramways & Light Railways Association of Great Britain.

President, Rt. Hon. Viscount Chilton.
 Hon. Lord Vaux of Harroden.
 Lord Arthur Butler.
 Sir Alex. B. W. Kennedy,
 M. I. E. E., M. I. C. E.
 Sir Charles Petrie, J. P.
 J. S. Harmood-Banner, Bart.,
 M. P.
 V. Prests. } J. M. Henderson, M. P.
 W. M. Murphy.
 R. A. Smithson.
 E. Garcke, M. I. E. E.
 F. Russell-Taylor, J. P.

1st Vice-President, C. S. Thompson,
Mgr. Shawnee Gas & Elec. Co.
Shawnee.

Asst.-Secretary, Professor F. G. Tappan,
University of Oklahoma, Norman.

President, W. A. Sullivan, Shreveport, La.

2d Vice-President, E. S. Fletcher,
Secretary, A. DeTurckheim.

Chairman of Council, Hon. Sir Arthur
Stanley, G. B. E.

Vice-Chairman, R. J. Howley,
Offices, Sanctuary House, Westmin-
ster, London, S. W., England.

Annual meeting, February of each year.
★69

**Union Internationale de Tram-
ways et de Chemins de fer
d'intérêt local.**

Honorary President, Baron Janssen, Pre-
sident de la Société "Les Tramways
Bruxellois," Brussels, Belgium.

President, C. de Buriel, Inspecteur Génér-
ale des Ponts et Chaussées, Brussels.

Vice-Presidents, H. Géron, Administra-
teur Member of the Council of the
Compagnie Générale des Chemins de
fer Secondaires, Brussels.

Secretary, Henry Camp, 23 Rue d'Arlon,
Brussels, Belgium.

Executive Committee: The officers and
J. Kessels, Administrateur Société
Générale de Chemins de fer Eco-
nomiques, Brussels; A. Mariage,
Gen. Mgr. Compagnie Générale des
Omnibus de Paris; G. Pavie, Admini-
strateur délégué Compagnie Général,
Française de Tramways, Paris; Ch.
Rochat, Gen. Mgr. Compagnie
Genevoise de Tramways Electriques,
Geneve; Ch. Thonet Administrateur
V Pres. Société anonyme d'Entre-
prise Générale de Travaux, Liège.
★79

Wisconsin Electrical Association.

President, ———
1st Vice-President, W. C. Lounsbury, Gen.
Supt. Water, Light & Pwr. Co.,
Superior.

2d Vice-President, A. K. Ellis, Sec., Wis-
consin Trac., Lt., Ht. & Pwr. Co.
Appleton.

3d Vice-President, L. R. Bolsen, Vice-
Pres., Ashland Lt., Pwr. & St. Ry.
Co., Ashland.

Secretary and Treasurer, J. P. Pulliam,
1408 First Nat'l Bank Bldg., Mil-
waukee.
★69

NATIONAL AND STATE RAILROAD AND PUBLIC UTILITY COMMISSIONS

Arranged by States

Alabama Public Service Commission.

Sam P. Kennedy, Pres.,
Anniston. }
B. H. Cooper, }
Montgomery } Commission-
S. P. Gaillard, Mobile } ers.
Atticus Mullin, Sec., Montgomery. ★69

Arizona Corporation Commission.

Phoenix.
Amos A. Betts }
Chairman. } Commission-
F. A. Jones } ers.
D. F. Johnson }
A. L. Stelzer, Sec.
Gertrude Fogle,
Chief Clerk Incorporating Dept.
F. L. Banta, Chief Clerk Insurance Dept.
H. M. Berry,
Chief Clerk Investment Co. Dept.
D. R. Johnson, Tariff Expert.
Ben Ferguson, Engineer. ★69

Arkansas, State Tax Commission.

Little Rock.
(Commission to Assess and Equalize
Railroads, Telegraphs, Telephones,
Street Railroads, Interurbans, Water
Works, Electric Light Plants, Pipe
Lines, Express Companies, Sleeping
Car Companies, Toll Roads, Toll
Bridges, etc., to have and exercise
general and complete supervision
over the assessment and collection of
taxes and the enforcement of the tax
laws of the State, etc.)
Reuben G. Dye, Chairman. }
Monroe Smith } Commission-
A. C. Martineau } sioners
J. P. Machen, Sec.
Mabel Smith, Clerk: ★69

Arkansas Corporation Commission.

Little Rock.
Walter G. Brasher, }
Chairman. } Commission-
T. E. Wood } sioners.
H. R. Wilson }
Guy A. Freeling, Sec.
Tom W. Campbell, Gen. Counsel.
W. L. Helmreich, Chief Engr.
Le Roy Wood, Chief Clerk.
Mrs. J. H. Sanderlin, Asst. Clerk
O. P. Findley, Reporter.
Miss Ina House }
" Idene Braher } Stenographers.
David Wilson } ★69

California R. R. Commission.

State of.
883 Market St., San Francisco.
E. O. Edgerton, }
Pres. }
H. D. Loveland }
Frank R. Devlin } Commission-
Harley W. Brundige } sioners.
Irving Martin }
W. R. Williams, Sec.
H. G. Mathewson, Asst. Sec.
W. P. Geary, Rate Expert.
R. Sachse, Chief Engr.
W. C. Fankhauser, Bond & Stock Expert.
Douglas Brookman, Att'y.
Myron Westover }
Harry A. Encell } Examiners.
W. J. Handford }
J. W. White, Chief Auditor.
Ralph A. Sollars, Chief Reporter.
R. W. Hawley, Chief Hydraulic Section.

L. E. Ready, Chief Gas & Elec. Section.
A. L. Wilson, Chief Tel. & Tel. Section.
★69

Canada, Board of Railway Commissioners for.

Ottawa, Ont.
Sir Henry L. Drayton, K. C., }
C. M. G., Chief }
Hon. W. Bruno Nantel, K. C., }
L. L. D., Deputy } Commission-
S. J. McLean, L. L. B., Ph. D. } sioners.
A. S. Goodeve }
A. C. Boyce, K. C. }
J. G. Rutherford, C. M. G. }
A. D. Cartwright, Sec.
E. A. Primeau, Asst. Sec. (French)
R. Richardson, Asst. Sec.
James Hardwell, Ch. Traffic Officer.
Geo. A. Mountain, Chief Engr.
T. L. Simmons, Asst. Chief Engineer.
John Murphy, Electrical Engineer.
George Spencer, Chief Oper. Officer.
A. G. Blair, K. C., Solicitor.
James Mills, Librn. & Superv. Officer.
Clyde Leavitt, Chief Fire Inspector.
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Canada, Dominion of.

Department of Railways and Canals.
Ottawa, Ont.
Hon. J. D. Reid, P. C., Minister.
G. A. Bell, C. M. G., Deputy Minister.
L. K. Jones, I. S. O., Asst. Deputy
Minister.
J. W. Pugsley, Sec.
W. A. Bowden, Chief Engr. 69

Canada, Manitoba Public Utilities Commission.

201 Tribune Bldg., Winnipeg.
P. A. Macdonald, Commissioner.
A. W. Smith, Secretary.
George L. Guy, Electrical Engineer.
Hugh McNair, Gas Engineer. ★69

Colorado Public Utilities Commission.

Denver.
LeRoy J. Williams, Chairman }
Grant E. Helderman } Commis-
A. P. Anderson } sioners.
Geo. A. Flannigan, Secretary. ★69

Connecticut—Public Utilities Commission.

Hartford.
Richard T. Higgins, Chairman, }
Winsted }
Chas. C. Elwell, New Haven }
Joseph W. Alsop, Avon } Commission-
Henry F. Billings, Hartford, Secretary } sioners.
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District of Columbia—Public Utilities Commission.

Charles W. Kutz, Chairman. }
Louis Brownlow }
W. Gwynn Gardiner } Commission-
Walter C. Allen, Executive Secy. } sioners.
Conrad H. Syme, Gen. Counsel. ★69

Interstate Commerce Commission.

Washington, D. C.
Clyde B. Aitchison of Oregon, }
Chairman. }
Edgar E. Clark of Iowa.
Charles C. McChord of Kentucky.
Balthasar H. Meyer of Wisconsin.
Henry C. Hall of Colorado.

Winthrop M. Daniels of New Jersey.
Robert W. Woolley of Virginia.
Joseph B. Eastman of Massachusetts.
George B. McGinty of Georgia, Sec.
Alfred Holmead of District of Columbia,
Asst. Sec.
Thomas A. Gillis of Pennsylvania,
Asst. to the Sec.
William M. Lockwood of District of
Columbia, Chief Clerk & Pur. Clerk. ★69

Florida R. R. Commission.

Tallahassee.

R. Hudson Burr, Chairman } Commis-
Newton A. Blitch } sioners
Royal C. Dunn }
Lewis G. Thompson, Sec.
Dozler A. De Vane, Counsel.
J. H. Tench, Rate Expert. ★69

Georgia—R. R. Commission of.

Atlanta.

C. M. Candler, Chairman. }
Paul B. Trammell, } Commis-
V-Chairman, Dalton. } sioners
Jas. A. Perry, }
Lawrenceville. }
John T. Boifeuillet }
J. D. Price }
Albert Collier, Sec., Atlanta. }
J. Prince Webster, Rate Expert, }
Atlanta. }
James K. Hines, Special Att'y., Atlanta. } ★69

Hawaii—Public Utilities Commission.

Honolulu.

William T. Carden, Chairman }
Alexis J. Gignoux } Commis-
T. M. Stainback } sioners.
H. P. O'Sullivan, Secy.
H. Gooding Field, Audr.
J. R. Kenney, Asst. Sec. ★69

Idaho—Public Utilities Commission of The State of.

Boise City.

A. L. Freehafer, Pres. }
Geo. E. Erb } Members.
E. M. Sweeley. }
C. J. Callahan, Sec.
Raymond L. Givens, Atty.
W. L. Gorton, Chief Engr.
F. W. Hassan, Audr.
Leonard Way, Rate Clerk.
J. R. Cummock, Reporter ★69

Illinois—Public Utilities Commission of.

Springfield.

Thomas E. Dempcy, Chairman,
Frank H. Funk
Walter A. Shaw
Patrick J. Lucey
James H. Wilkerson
R. Allen Stephens, Sec.
G. E. Doying, Asst. Sec.
W. M. Hammond, Actg. Ch. Acctnt.
Frank G. Ewald, Ch. Engr.
H. M. Slater, Transpt. Rate Expert ★69

Indiana—Public Service Commission of.

E. I. Lewis, Chairman, }
Indianapolis. } Commis-
Glenn Van Auken, Auburn } sioners
John W. McCardle, }
Indianapolis. }
Paul P. Haynes, " }
Fred. B. Johnson, " }
Carl H. Mote, Secretary, Indianapolis.
O. P. Gothlin, Tariff Clerk.
A. L. Carter, Ch. Acctnt.
H. O. Garman, Chief Engineer.
D. E. Matthews, Chief Inspector. ★69

Indiana—Board of Tax Commissioners.

Indianapolis.

Philip Zoercher.
S. N. Cragun.
Fred A. Sims.
Lewis B. Bowman.
Frank D. Hughes, Inheritance Tax In-
vestigator.
W. C. Harrison, Clerk. ★69

Iowa Railroad Commission.

Des Moines.

Dwight Lewis, Chairman }
John A. Guiber } Commis-
Chas. Webster } sioners.
Geo. L. McCaughan, Sec., Des Moines.
J. H. Henderson, Commerce Counsel,
Indianola.
Walter Condran, Asst. Commerce
Counsel, Des Moines.
W. F. Parsons, Chief Rate Clerk, Des
Moines.
Leonard C. Donohoe, Chief Clerk.
Howard S. Phelps, Elec. Engr.
Thos. H. Boylan, Signal Engr.
C. Bailey Ellis, Statistician. ★69

Kansas—Public Utilities Commission.

Topeka.

John M. Kinkel, }
Chairman. } Commissioners.
W. L. Higgins }
C. W. Green }
Carl W. Moore, Sec.
A. E. Helm, Commerce Counsel.
F. S. Jackson, Atty.
G. A. Engh, Accountant. ★69

Kentucky R. R. Commission.

Frankfort.

Laurence B. Finn, 1st Dist., }
Chairman, Franklin. }
Sid. T. Douthitt, 2d Dist., }
New Castle. } Commis-
H. G. Garrett, 3d Dist., } sioners.
Winchester. }
W. J. J. Preuss, Rate Clerk,
Louisville.
Richard Tobin, Sec.,
Frankfort. 69

Louisiana, R. R. Commission of.

Baton Rouge.

Shelby Taylor, Chairman, Crowley.
John T. Michel, Commissioner 1st Dis-
trict, New Orleans.
Huey P. Long, Jr., Commissioner 2nd
District, Winnfield.
H. Jastremski, Secretary. 69

Maine, Public Utilities Commission of.

Augusta.

Benjamin F. Cleaves, Chairman, Bidde-
ford.
Herbert W. Trafton, Ft. Fairfield.
Albert Greenlaw, Eastport
George F. Giddings, Clerk, Augusta.
Paul L. Bean, Ch. Engr., Augusta.
Elmer E. Parkman, Chief Inspector,
Augusta.
F. J. McArdle, Chief of Rates &
Schedules.
Albert E. Lamb, Bangor, Chief Ac-
countant. ★69

Maryland—Public Service Commission.

Munsey Bldg., Calvert & Fayette Sts.,
Baltimore.

Albert G. Towers, Chairman. }
John Milton Reifsnider. } Commis-
James C. Legg. } sioners.

W. Cabell Bruce } Gen.
 J. S. Goldsmith } Counsel.
 Benjamin T. Fendall, Sec.
 Chas. G. Edwards, Chief Engr.
 J. L. Wickes, Transportation Expert.
 Jas. F. Dunn, Jr., Auditor.
 Frank Harper, Rate Expert. ★69

Massachusetts — Public Service Commission.

Boston.

Frederick J. Macleod, }
 Chairman, Cambridge. } Commis-
 Everett E. Stone, } sioners.
 Springfield. }

Andrew A. Highlands, Sec., 1 Beacon St., Boston.

Chas. E. Mann, Executive Sec., Malden.
 Geo. W. Bishop, Chief Inspection Dept., Newtonville.

Henry W. Hayes, Engr., Arlington.
 Lewis E. Moore, Bridge & Signal Engr., Newtonville.

C. Peter Clark, Chief Rate & Tariff Dept., Newton.

Justin W. Lester, Chief Accountant, Boston.

William H. O'Brien, Chief Telep. & Telep. Dept., Boston. ★69

Massachusetts—Board of Gas and Electric Light Commissioners.

15 Ashburton Place, Boston.

Alonzo R. Weed, Chairman. } Commis-
 Morris Schaff. } sioners.
 Solomon Lewenberg. }
 Robert G. Tobey, Clerk. 69

Michigan Public Utilities Commission.

Lansing.

Wm. M. Smith, Chairman. }
 Wm. W. Potter, } Commis-
 Sherman T. Handy, } sioners.
 Samuel Odell, }
 Will H. Brunson, Sec. }

James Bice, Chief Inspecting Engr.

M. L. Munson, Chief Clerk. 69

E. A. Calkins, Statistician.

Minnesota—Railroad & Warehouse Commission.

Capitol Bldg., St. Paul.

Ira B. Mills.

O. P. B. Jacobson.
 Fred W. Putnam

A. C. Clausen, Sec.
 Thos. Yapp, Asst. Sec.

A. L. Flinn, Rate Expert.
 H. B. Warren, Statistician.

D. F. Jurgensen, Engr.
 Wilfred Kearton, Signal Engr.

J. W. Howatt, Supvr. Telephones. 69

Mississippi R. R. Commission.

Jackson.

F. M. Sheppard, President, Richton.
 W. B. Wilson, Corinth.

Geo. R. Edwards, McCool.
 James Galceran, Sec., Jackson.

M. C. Moore, Rate Expert, Jackson.
 T. C. Russell Asst. Rate Expert, Jackson. 69

Missouri Public Service Commission.

Jefferson City.

W. G. Busby, Chairman. }
 E. J. Bean } Commis-
 D. E. Blair } sioners.
 Edward Flad }
 N. W. Simpson }
 K. R. Morrow, Sec. }

R. P. Spencer, General Counsel.

J. D. Lindsay, Asst. General Counsel.

J. L. Harrop, Chief Engineer.

T. J. Murphy, Chief Accountant.
 C. B. Bee, Chief Rate Clerk.
 R. E. Duffy, Elec. Lt., Gas & Water Expert.
 W. W. Johnson, Telephone Expert. ★69

Montana—R. R. and Public Service Commission.

Helena.

Daniel Boyle, Chairman. } Commis-
 Lee Dennis } sioners.
 J. E. McCormick }

W. J. Haynes, Secretary.
 Thos. J. Hefling, Audr.

James H. Bonner, Engineer.
 H. B. Schaefer, Rate Clerk ★69

National Association of Ry. & Utility Commissioners.

Charles E. Elmquist, of Minnesota, President.

Charles M. Candler, of Georgia, 1st V. Pres.

Jas. B. Eastman, of Mass., 2nd V. Pres.
 James B. Walker, of New York, Secretary, 49 Lafayette St., New York, N. Y.

Next convention, Oct. 14, 1919, Indianapolis, Ind. 69

Nebraska State Railway Commission.

Lincoln.

Thos. L. Hall, Chairman.
 H. G. Taylor.

Victor E. Wilson.
 T. A. Browne, Sec.

U. G. Powell, Rate Expert.
 B. E. Forbes, Chief Engr.

Hugh La Master, Counsel. 69

Public Service Commission of Nevada.

Carson City.

J. F. Shaughnessy, Chairman. } Commis-
 J. G. Scragham. } sioners.
 W. H. Simmons, Reno. }

E. H. Walker, Secretary.
 Eugenia Stone, Asst. Secretary.

F. O. Broll, Chief Engr. ★69

New Hampshire Public Service Commission.

Concord.

Wm. T. Gunnison, Chairman.
 Thos. W. D. Worthen.

John W. Storrs.
 Walter H. Timm, Clerk.

Mary A. Nawn, Asst. Clerk. ★69

New Jersey — Board of Public Utility Commissioners.

State House, Trenton.

John W. Slocum, Pres.
 Alfred S. March

Geo. F. Wright.
 Andrew Gaul, Jr.

Harry L. Knight.
 Alfred N. Barber, Sec. ★69

New Mexico — State Corporation Commission.

Santa Fe.

Hugh H. Williams, }
 Chairman. } Commis-
 J. M. Luna. } sioners.
 Bonifacio Montoya. }

A. L. Morrison, Clerk. ★69

New York—State Public Service Commissions.

(Utilities operating in Greater New York.)

FIRST DISTRICT — Official address,
 49 Lafayette St., New York.

Lewis Nixon, Commissioner.
 Edward J. Glennon,

Deputy Commissioner.

Godfrey Goldmark, Counsel.
James B. Walker, Sec.
John H. Delaney, Transit Construction
Commissioner.
Daniel L. Ryan, Deputy Construction
Commissioner.
D. L. Turner, Ch. Engr. ★69

**SECOND DISTRICT—Official address,
58 North Pearl St., Albany.**

(Utilities operating outside of Greater
New York.)

Chas. B. Hill, Chairman.
Frank Irvine.
John A. Barhite.
Thos. F. Fennell.
Joseph A. Kellogg.
Ledyard P. Hale, Counsel, Canton.
Francis X. Disney, Sec., Albany.
Francis E. Roberts, Asst. Sec.
Edward C. McEntee, Executive Clerk.
H. C. Hasbrouck, Statistician, Troy.
E. J. Cheney, Chief Engr. Div. Lt., Ht.
& Pwr., Albany.
C. A. Volz, Assistant Engineer.
C. R. Vanneman, Chief Div. Steam R.
R., Albany.
C. R. Barnes, Chief Inspector, Elec. R.
R., Rochester.
W. E. Griggs, Chief Div. Tariffs,
Albany.
E. B. Rogers, Chief Div. Teleg. and
Telep., Albany. ★69

**North Carolina—Corporation Com-
mission.**

Raleigh.

W. T. Lee, Chairman.
George P. Pell.
A. J. Maxwell.
J. S. Griffin, Clerk.
W. G. Womble, Rate Clerk. 69

**North Dakota — Board of Rail-
road Commissioners.**

Bismarck.

S. J. Aandahl, Pres.,
Litchville } Commissioners
C. F. Dupuis
Frank Milhollan
J. H. Calderhead, Sec.
Lester Hendershott, Ch. Clerk. ★69

**Ohio—The Public Utilities Com-
mission of. Office, 9th floor, State
Office Bldg., Columbus.**

Charles C. Marshall,
Chairman. } Commissioners
Beecher W. Walter-
mire. }
Byron M. Glen Dening }
G. C. Maxwell, Secretary.
E. H. Hanna, Statistician and Auditor.
D. E. Butler, Supt. Bureau of Rates
and Service.
D. S. Archer, Asst. Secretary.
T. E. Green, Telephone Expert.
L. G. White, Electrical Expert.
E. E. Corn, Attorney. ★69

**Oklahoma Corporation Commis-
sion.**

Oklahoma City.

Art. L. Walker, Chairman, Waurika.
Campbell Russell, Warner.
R. E. Echols, Elk City.
P. E. Glenn, Secretary.
L. Bennett, Rate Expert.
H. W. Hubenthal, Telephone Engr.
A. I. Thompson, Engineer.
E. B. Johnston, Gas & Elec. Engr.
J. M. Gayle, Audr. ★69

**Oregon — Public Service Commis-
sion of.**

Salem.

Fred. G. Buchtel, Chairman. } Commis-
F. A. Williams. } sioners
H. H. Corey. }
Ed. Wright, Secretary.
W. T. Neill, Elec. Engr., Dept. Utilities
T. C. Davies, Rate Clerk. ★69

**Pennsylvania—Department of In-
ternal Affairs, Bureau of Rail-
ways.**

Harrisburg.

James F. Woodward, Sec. of Internal
Affairs.
F. C. Gerberich, Ch. Bureau of Rys.
J. F. Bierstein, Asst. Ch. Bureau of
Rys., Harrisburg. ★69

**The Public Service Commission of
The Commonwealth of Penn-
sylvania.**

Harrisburg.

William D. B. Ainey,
Chairman, Montrose. } Commis-
John S. Rilling, Erie. } sioners.
Samuel M. Clement, Jr.
John W. Reed. }
Milton J. Brecht, Lancaster.
James Alcorn, Philadelphia.
S. Ray Shelby. }
Archibald B. Millar, Secretary.
Berne H. Evans, Counsel.
John Fox Weiss, Asst. Counsel,
Harrisburg.

William C. Hartman, Marshal.
John P. Dohoney, Investigator of Acci-
dents.

F. Herbert Snow, Chief, Bureau of
Engineering.
H. E. Ehlers, Chief, Bureau of Rates
and Tariffs.
R. F. Busher, Actg. Chief, Bureau of
Accounts and Statistics.
E. M. Vale, Chief, Bureau of Public
Convenience. ★69

**Porto Rico—Public Service Com-
mission**

San Juan.

Mr. de Hostos, Acting Sec. 69

**Rhode Island — Public Utilities
Commission of.**

Room 121 State House, Providence.

William C. Bliss, Chairman, East Provi-
dence.
Samuel E. Hudson, Woonsocket.
Robert F. Rodman, North Kingstown.
John W. Rowe, Sec.
Geo. A. Carmichael, Special Agent. 69

South Carolina R. R. Commission.

Columbia.

Frank W. Shealy,
Chairman, Columbia. } Com-
H. H. Arnold. } missioners
James Cansler. }
J. P. Darby, Sec. ★69

South Dakota R. R. Commissioners.

Pierre.

J. J. Murphy, Chairman. } Commis-
J. W. Raish. } sioners
D. E. Brisbane. }
H. A. Ustrud, Sec.
Oliver E. Sweet, Counsel for Bd.
Ross Miller, Engr. R. R. & Telep.
L. R. Bitney, Statistician. ★69

Tennessee Railroad & Public Utilities Commission.

Nashville.

B.A. Enloe, Chairman
 H. H. Hannah
 Geo. N. Welch
 (Miss) Willie Fields, Sec.
 J. O. Hendley, Rate Clerk. ★69

Texas—R. R. Commission of.

Austin.

Allison Mayfield,
 Chairman. } Commissioners.
 Earle B. Mayfield.
 C. E. Gilmore.
 E. R. McLean, Sec.
 R. D. Parker, Civil Engineer.
 W. E. Fitz Gerald, Expert Accountant.
 O. D. Hudnall, Expert Rate Clerk. 69

Utah—Public Utilities Commission of.

Salt Lake City.

Joshua Greenwood, Pres. } Commis-
 Henry H. Blood. sioners.
 Warren Stoutnour.
 T. E. Banning, Secretary. 69

Vermont—Public Service Comm. of The State of.

Brattleboro.

Walter A. Dutton, Chairman, Hardwick.
 William R. Warner,
 Vergennes. } Commissioners.
 Eli Porter,
 Wilmington. }
 Neil D. Clawson, Clerk, Brattleboro. 69

Virginia—State Corporation Commission.

Richmond.

Robert E. Williams,
 Chairman. } Com-
 Wm. F. Rhea. missioners.

Richard T. Wilson, Clerk.
 J. C. Dickerman, Engineer. ★69

Washington—The Public Service Commission of.

Olympia.

E. F. Blaine,
 Chairman } Commissioners.
 Arthur A. Lewis
 Frank R. Spinning }
 J. H. Brown, Secretary.
 O. O. Calderhead, Rate Expert.
 D. F. McCurrach, Engineer.
 Hance C. Cleland, Asst. Atty. 69

West Virginia—The Public Service Commission of.

Charleston.

George R. C. Wiles, Chairman.
 E. F. Morgan.
 Ernest D. Lewis.
 R. B. Bernheim, Secretary.
 Charles O. Wolfes, Chief Clerk ★69

Wisconsin R. R. Commission.

Madison.

Carl D. Jackson,
 Chairman. } Commissioners.
 Henry R. Trumbower
 John S. Allen. }
 C. D. Secheverell, Sec. ★69

Wyoming Board of Equalization & Public Service Commission. of the State of.

Cheyenne.

Claude L. Draper,
 Chairman. } Commis-
 Maurice Groshon. sioners
 C. M. June.
 C. A. Cullen, Sec. ★69

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Barstow Management Assn., Inc., W. S., Boro of Manhattan, New York City.....	694a
Bartlesville Inter-Urban Ry. Co., Bartlesville, Okla.....	364
Batavia Trac. Co., Batavia, N. Y.....	626
Baton Rouge Electric Co., Baton Rouge, La.....	362
Bay Shore R. R. Co., San Diego, Cal.....	55b
Bay Shore Street Ry. Co., Green Bay, Wis.....	1217
*Bay State Street Ry. Co., Boston, Mass.....	401
Beaumont Traction Co., Beaumont, Tex.....	1082
*Beaver Valley Street Ry., New Brighton, Pa.....	968
Beaver Valley Traction Co., New Brighton, Pa.....	968
*Beaver & Vanport Electric Street Ry., New Brighton, Pa.....	968
Beech Grove Traction Co., Beech Grove, Ind.....	251
*Bellaire-Southwestern Trac. Co., Wheeling, W. Va.....	1206
Bellows Falls & Saxton's River Street Ry. Co., Bellows Falls, Vt.....	1182
Beloit Traction Co., Beloit, Wis.....	1212
Belt Line Railway Corporation, Boro. of Manhattan, New York City.....	674
*Ben Avon & Emsworth St. Ry. Co., Pittsburgh, Pa.....	990
*Bennington & North Adams Street Ry. Co., Bennington, Vt.....	1182
Benton & Fairfield Ry. Co., Fairfield, Me.....	374
Benton Harbor-St. Joe Ry. & Light Co., Benton Harbor, Mich.....	474
*Bergen Turnpike Co., Newark, N. J.....	602a
*Berkeley Traction Co., Oakland, Cal.....	52
*Berkley St. Ry., Berkley, Va.....	1142
Berkshire Street Ry. Co., Pittsfield, Mass.....	450
Berlin & Northern Ry. Co. (The), Kitchener, Ont., Can.....	1267a
Berlin Street Ry. Co., Berlin, N. H.....	370
Berwick & Nescopeck Street Ry. Co., Berwick, Pa.....	396
*Bethany Traction Co., Lincoln, Nebr.....	562
Bethlehem & Nazareth Passenger Ry. Co., Allentown, Pa.....	392
Bethlehem & South Bethlehem Street Ry. Co., Allentown, Pa.....	392
Biddeford & Saco R. R. Co., Biddeford, Me.....	379
*Biloxi Electric Ry. & Power Co., Gulfport, Miss.....	519
Binghamton Railway Co., Binghamton, N. Y.....	622
*Birdsbro Street Ry. Co., Reading, Pa.....	1004
Birmingham & Edgewood Electric Ry. Co., Birmingham, Ala.....	2
*Birmingham, Ensley & Bessemer R. R., Birmingham, Ala.....	2
Birmingham Ry., Light & Power Co., Birmingham, Ala.....	4
Birmingham Tidewater Ry. Co., Birmingham, Ala.....	2
*Birmingham-Tuscaloosa Ry. & Utilities Co., Tuscaloosa, Ala.....	15
Black River Traction Co., Watertown, N. Y.....	756
*Bloomington, Decatur & Champaign R. R., Peoria, Ill.....	233
*Bloomington & Normal Ry., Elec. & Htg. Co., Bloomington, Ill.....	165
Bloomington & Normal Ry. & Light Co., Bloomington, Ill.....	165
Bloomington, Pontiac & Joliet Ry. Co., Pontiac, Ill.....	237
Blue Hill Street Ry. Co. (The), Canton, Mass.....	415
*Blue Ridge Light & Power Co., Staunton, Va.....	1159
*Blue Ridge R. R., Waynesboro, Pa.....	1081
Blue Ridge Traction Co., Danielsville, Pa.....	914
Blue Valley Ry., Kansas City, Mo.....	534
*Boise Railroad Co., Ltd., Boise, Idaho.....	152
Boise Railway Co., Boise, Idaho.....	152
Boise Valley Trac. Co., Boise, Idaho.....	152
*Boston & Chelsea R. R. Co., Boston, Mas.....	401
Boston Elevated Railway Co., Boston, Mass.....	402
Boston & Maine R. R. Operating Concord & Manchester Electric Ry. of Concord & Montreal R. R., Concord, N. H.....	574

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

Boston & Maine R. R. (Portsmouth Elec. Branch), Portsmouth, N. H.....	584
Boston & Maine R. R., Boston, Mass.....	403, 445
*Boston, Revere Beach & Lynn R. R., Winthrop, Mass.....	469
*Boston & Revere Electric St. Ry. Co., Boston, Mass.....	401
Boston Suburban Electric Companies, Newtonville, Mass.....	443
Boston & Worcester Electric Companies, Boston, Mass.....	405
Boston & Worcester Street Ry. Co., Boston, Mass.....	404
*Boyertown & Pottstown Ry. Co. (The), Boyertown, Pa.....	1004
Brandon Municipal Ry., Brandon, Man., Can.....	1244
Brantford & Hamilton Electric Ry., Hamilton, Ont., Can.....	1262
Brantford Munic. Ry., Brantford, Ont., Can.....	1255
*Brantford Street Ry. Co., Brantford, Ont., Can.....	1255
*Brattleboro Street Ry. Co., Brattleboro, Vt.....	1124
*Brazil Rapid Transit Street Ry. Co., Terre Haute, Ind.....	293
*Bridgeport & Danbury Elec. Ry., Danbury, Conn.....	98
Bridge Operating Co., Boro of Brooklyn, New York City.....	666
Bridgeton & Millville Traction Co., Bridgeton, N. J.....	588
*Bridgeton Rapid Transit Co., Bridgeton, N. J.....	598
Bridgetown Tramway Co., Ltd., Bridgetown, Barbados.....	1326
Bristol & Norfolk Street Ry. Co., Randolph, Mass.....	454a
Bristol & Plainville Tramway Co. (The), Bristol, Conn.....	95
Bristol Traction Co., Bristol, Tenn.....	1064
British Columbia Electric Ry. Co., Ltd., Vancouver, B. C., Can.....	1242
Brockton & Plymouth Street Ry. Co., Plymouth, Mass.....	451
*Bronx Traction Co., Boro of Bronx, New York City.....	673
*Brooklyn City R. R. Co., Boro of Brooklyn, New York City.....	665
*Brooklyn Heights R. R. Co., Boro of Brooklyn, New York City.....	665
Brooklyn & North River R. R. Co., Boro of Manhattan, New York City.....	675
*Brooklyn, Queens County & Suburban R. R., Boro of Brooklyn, New York City..	685
Brooklyn Rapid Transit Co., Boro of Brooklyn, New York City.....	667
*Brooklyn Union Elevated R. R. Co., Boro of Brooklyn, New York City.....	665
Brownsville Street & Interurban Railroad Co., Brownsville, Texas.....	1085
*Brownsville St. Ry. Co., Pittsburg, Pa.....	991
Brunswick Terminal & Railway Securities Co., Boro of Manhattan, New York City	695
Bryan & Central Texas Interurban Ry. Co., Bryan, Tex.....	1066
Bryan & College Interurban Ry. Co., Bryan, Texas.....	1067
*Bucks County Interurban Ry. Co., Trenton, N. J.....	612
*Buffalo, Bellevue & Lancaster Ry. Co., Buffalo, N. Y.....	634
Buffalo & Depew Ry. Co., Buffalo, N. Y.....	630
Buffalo & Lackawanna Traction Co., Buffalo, N. Y.....	631
Buffalo & Lake Erie Traction Co., Buffalo, N. Y.....	632
*Buffalo & Lockport Ry., Buffalo, N. Y.....	634
*Buffalo, Lockport & Rochester Ry. Co., Rochester, N. Y.....	739
*Buffalo & Niagara Falls Electric Ry., Buffalo, N. Y.....	634
*Buffalo Ry. Co., Buffalo, N. Y.....	634
Buffalo Southern Ry. Co. (The), Buffalo, N. Y.....	633
*Buffalo, Tonawanda & Niagara Falls Electric R. R. Co., Buffalo, N. Y.....	634
*Buffalo Traction Co., Buffalo, N. Y.....	634
Buffalo & Williamsville Electric Ry. Co., Williamsville, N. Y.....	760
Burlington County Transit Co., Hainesport, N. J.....	594
Burlington Ry. & Light Co., Burlington, Ia.....	300
Burlington Traction Co., Burlington, Vt.....	1135
Bush Terminal R. R. Co., Brooklyn, N. Y.....	668
Butte, Anaconda & Pacific Ry. Co., Anaconda, Mont.....	553
Butte Electric Ry. Co., Butte, Mont.....	557
Bylesby & Co., H. M., Chicago, Ill.....	189
*Cairo Electric & Traction Co., Cairo, Ill.....	166
Cairo Ry. & Light System, Cairo, Ill.....	166
*Cairo & St. Louis R. R. Co., Cairo, Ill.....	166
Calais Street Ry., Calais, Me.....	873
Caldwell Traction Co., Ltd., Caldwell, Idaho.....	154
Calgary Munic. Ry., Calgary, Alta., Can.....	1235
*California-Pacific Ry. Co., Los Angeles, Cal.....	46
*California Ry., Oakland, Cal.....	52
California Ry. & Power Co., San Francisco, Cal.....	69
California Street Cable R. R. Co., San Francisco, Cal.....	61
Calumet & South Chicago Ry. Co., Chicago, Ill.....	172
Camaguey Co., Ltd. (The), Camaguey, Cuba.....	1327
*Camaguey Elec. Co. Ltd., Camaguey, Cuba.....	1327
*Camaguey Tramway Co., Ltd., Camaguey, Cuba.....	1327
*Camden, Gloucester & Woodbury Ry. Co., Newark, N. J.....	602
*Camden Horse R. R. Co., Newark, N. J.....	603
*Camden & Suburban Ry. Co., Newark, N. J.....	602
*Campania de Gas y Elec. de la Habana, Havana, Cuba.....	1230
Canadian National Rys., St. Catharines, Ont. Can.....	1297
*Canadian Northern Ry. Co., The, (Montreal Tunnel & Terminals) Montreal, Que., Can.....	1297
*Canarsie R. R. Co., Boro of Brooklyn, New York City.....	665
*Canton-Akron Consolidated Ry. Co., Akron, O.....	779
*Canton-Akron Ry. Co., Akron, O.....	779
*Canton-New Philadelphia Ry. Co., Akron, O.....	779
Cape Breton Electric Co., Ltd., Sydney, N. S., Can.....	1251
Cape Girardeau-Jackson Interurban Ry. Co., Cape Girardeau, Mo.....	533
Cape May, Delaware Bay & Sewell's Point R. R. Co., Cape May, N. J.....	592
Capital Traction Co., Washington, D. C.....	114
Capital Traction Co., Oklahoma City, Okla.....	871
Capitol Car Line, Bismarck, N. D.....	775
*Capitol Railway (The) Albany, N. Y.....	632

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

*Carbon Transit Co., Manch Chunk, Pa.....	569
*Carbondale Ry. Co., Scranton, Pa.....	1009
*Carlisle & Mechanicsburg Street Ry. Co., Lemoyne, Pa.....	951
*Carlisle & Mt. Holly Ry. Co., Carlisle, Pa.....	902
Carolina Pwr. & Lt. Co., Raleigh, N. C.....	771
Carolina Traction Co., Rock Hill, S. C.....	1059
Cassville & Western R. R. Co., Cassville, Mo.....	530
*Catawauqua & Northern Street Ry. Co., Allentown, Pa.....	893
*Cedar Rapids & Iowa City Ry. & Light Co., Cedar Rapids, Ia.....	802
Cedar Rapids & Marion City Ry. Co., Cedar Rapids, Ia.....	801
*Centerville, Albia & Southern Ry. Co., Centerville, Ia.....	803
*Centerville Light & Traction Co., Centerville, Ia.....	808
Central Arkansas Ry. & Light Corporation, Hot Springs, Ark.....	27
Central California Traction Co., San Francisco, Cal.....	62
*Central Carolina Power Co., Raleigh, N. C.....	771
*Central Electric Railway Co., Kansas City, Mo.....	536
*Central Electric Street Ry., New Brighton, Pa.....	968
*Central Georgia Transmission Co., Macon, Ga.....	142
Central Illinois Public Service Co., Mattoon, Ill.....	223
Central Illinois Traction Co., Mattoon, Ill.....	224
Central Indiana Lighting Co., Columbus, Ind.....	254
*Central Market St. Ry., Columbus, Ohio.....	802
Central Mississippi Valley Electric Properties, Keokuk, Ia.....	317
*Central New England R. R. (Hospital Branch), Poughkeepsie, N. Y.....	788
Central Passenger Ry. Co., Atlantic City, N. J.....	587
Central Pwr. & Lt. Co., Walnut Ridge, Ark.....	82
Central R. R. of Oregon, Union, Ore.....	890
*Central Valley R. R., Scranton, Pa.....	1006
Centralia & Central City Traction Co., Centralia, Ill.....	168
Centralia Traction Co., Centralia, Ill.....	169
Centre & Clearfield Ry. Co., Phillipsburg, Pa.....	983
Chambersburg & Gettysburg Electric Ry. Co., Chambersburg, Pa.....	904
Chambersburg, Greencastle & Waynesboro Street Ry. Co., Waynesboro, Pa.....	1031
Chambersburg & Shippensburg Ry. Co., Chambersburg, Pa.....	905
Charles City Western Ry. Co., Charles City, Ia.....	805
*Charleston Consolidated Ry., Gas & Electric Co., Charleston, S. C.....	1055
Charleston Consolidated Ry. & Lighting Co., Charleston, S. C.....	1055
Charleston-Dunbar Traction Co. (The), Charleston, W. Va.....	1184
Charleston Interurban R. R. Co., Charleston, W. Va.....	1185
*Charleston-Isle of Palms Ry., Charleston, S. C.....	1056
Charleston-Isle of Palms Traction Co., Charleston, S. C.....	1056
*Charlotte Electric Ry. Co., Charlotte, N. C.....	766
Charlottesville & Albermarle Ry. Co., Charlottesville, Va.....	1143
Chatham, Wallaceburg & Lake Erie Ry. Co., Chatham, Ont., Can.....	1256
Chattahoochee Valley Ry. Co., West Point, Ga.....	150
*Chattanooga Railways Co., Chattanooga, Tenn.....	1065
Chattanooga Ry. & Light Co., Chattanooga, Tenn.....	1065
Chattanooga Traction Co., Chattanooga, Tenn.....	1066
Chautauqua Traction Co., Jamestown, N. Y.....	855
*Chester, Darby & Philadelphia Ry., Chester, Pa.....	909
*Chester & Delaware Street Ry., Chester, Pa.....	909
Chester & Derry R. R., Chester, N. H.....	572
Chester & Eddystone St. Ry. Co., Chester, Pa.....	908
*Chester & Media Electric Ry., Chester, Pa.....	909
Chester & Philadelphia Ry. Co., Philadelphia, Pa.....	972
*Chester Street Ry., Chester, Pa.....	909
Chester Traction Co., Chester, Pa.....	909
Cheyenne Electric Ry. Co., Cheyenne, Wyo.....	1233
Chicago, Aurora & DeKalb R. R., Aurora, Ill.....	163
Chicago, Burlington & Quincy R.R. Co., Deadwood, S. D.....	1062
Chicago City Ry. Co., Chicago, Ill.....	173
*Chicago & Des Plaines Valley Electric Ry. Co., Joliet, Ill.....	217
Chicago Elevated Rys., Chicago, Ill.....	190
Chicago, Harvard & Geneva Lake Ry. Co., Walworth, Wis.....	1220
Chicago Heights Street Ry. Co., Chicago Heights, Ill.....	194
Chicago & Interurban Traction Co., Chicago, Ill.....	174
Chicago & Joliet Electric Ry. Co., Joliet, Ill.....	217
Chicago & Joliet Rapid Transit Co., Joliet, Ill.....	217
Chicago, Lake Shore & South Bend Ry. Co., (The) Michigan City, Ind.....	283
Chicago, Milwaukee & St. Paul Ry. Co. (Rocky Mt. and Missoula Divs.), Chicago, Ill.....	175
*Chicago & Milwaukee Electric Ry., Highwood, Ill.....	213
*Chicago & Milwaukee Electric Ry. Co. (The), Highwood, Ill.....	213
Chicago North Shore & Milwaukee R. R. (The), Highwood, Ill.....	213
Chicago & Oak Park Elevated R. R. Co., Chicago, Ill.....	176
Chicago, Ottawa & Peoria Ry., Ottawa, Ill.....	229
Chicago Rys. Co., Chicago, Ill.....	177
Chicago Surface Lines, Chicago, Ill.....	178
Chicago, South Bend & Northern Indiana Ry. Co., South Bend, Ind.....	291
*Chicago Subway Co., Chicago, Ill.....	191
Chicago Tunnel Co., Chicago, Ill.....	179
Chicago Utilities Co., Chicago, Ill.....	191
Chicago Warehouse & Terminal Co., Chicago, Ill.....	179
Chicago & West Towns Ry. Co., Chicago, Ill.....	180
*Chicago, Wheaton & Western Ry. Co., Aurora, Ill.....	162
Chickasha Street Ry. Co., Chickasha, Okla.....	865
Chillicothe Electric R. R. Light & Power Co., (The), Chillicothe, O.....	726
*Choctaw Ry. & Ltg. Co., McAlester, Okla.....	869
*Christiana & Coatesville Street Ry. Co., Lancaster, Pa.....	946
Cienfuegos, Palmira & Cruces Ry. & Pwr. Co., Cienfuegos, S. C., Cuba.....	1829

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

Cincinnati & Columbus Traction Co., Cincinnati, O.....	787
*Cincinnati, Covington & Erlanger Ry., Covington, Ky.....	350
*Cincinnati, Dayton & Toledo Traction Co., Hamilton, O.....	821
Cincinnati & Dayton Traction Co., Hamilton, Ohio.....	821
*Cincinnati & Eastern Electric Ry. Co., Cincinnati, O.....	798
Cincinnati, Georgetown & Portsmouth R. R. Co., Cincinnati, O.....	788
*Cincinnati & Hamilton Trac. Co., Cincinnati, O.....	794
Cincinnati, Lawrenceburg & Aurora Electric Street R. R. Co., Cincinnati, O.....	789
*Cincinnati, Milford & Eastern Traction Co., Cincinnati, O.....	790
*Cincinnati, Milford & Goshen Traction Co., Cincinnati, O.....	790
Cincinnati, Milford & Loveland Traction Co., (The), Cincinnati, O.....	790
Cincinnati, Newport & Covington Light & Traction Co., Covington, Ky.....	849
Cincinnati, Newport & Covington Ry. Co. (The), Covington, Ky.....	850
*Cincinnati-Northwestern Ry. Co., Hamilton, O.....	821
*Cincinnati Street Ry., Cincinnati, O.....	791
Cincinnati Traction Co. (The), Cincinnati, O.....	791
Cities Service Co., Boro. of Manhattan, New York City.....	696
*Citizens' Electric Street Ry. Co., Haverhill, Mass.....	427
*Citizens' Passenger Ry. Co., Norristown, Pa.....	968
Citizens' Railway Co., Clarksville, Tenn.....	1069
*Citizens' Railway Co., Springfield, O.....	840
*Citizens' Ry., Lt. & Pwr. Co., Hampton, Va.....	1145
*Citizens' R. R. Light & Power Co., Beacon, N. Y.....	627
*Citizens' Street Ry. Co., Wheeling, W. Va.....	1208
*Citizens' Traction Co., Oklahoma City, Okla.....	871
Citizens' Traction Co. (The), Oil City, Pa.....	969
City Electric Co., Albuquerque, New Mex.....	619
*City Electric Ry. Co. (of Port Huron), Detroit, Mich.....	479
*City & Elm Grove R. R. Co., Wheeling, W. Va.....	1207
City Light & Traction Co. of Sedalia, Sedalia, Mo.....	549
*City Ry. Co., Los Angeles, Cal.....	46
*City Railway Co., Wheeling, W. Va.....	1207
City Railway Co., Dayton, O.....	806
*City & Suburban Ry. of Washington, Washington, D. C.....	119
City & Suburban Ry. Co., Brunswick, Ga.....	126
Clairton Street Ry. Co., Clairton, Pa.....	911
*Clarksville & Dunbar Cave Ry. Co., Clarksville, Tenn.....	1069
Clarksville R. R. Co., Clarksville, Ga.....	137
Claremont Railway & Lighting Co., Claremont, N. H.....	573
Cleveland, Alliance & Mahoning Valley R. R., Ravenna, Ohio.....	835a
Cleveland & Chagrin Falls Ry. Co. (The), Cleveland, O.....	795
Cleveland & Eastern Traction Co., Cleveland, O.....	796
*Cleveland Electric Ry. Co., Cleveland, O.....	797
Cleveland & Erie Ry. Co., Girard, Pa.....	927
Cleveland, Painesville & Eastern R. R. Co., Willoughby, O.....	854
Cleveland Ry. Co. (The), Cleveland, O.....	797
Cleveland, Southwestern & Columbus Ry. Co. (The), Cleveland, O.....	798
*Cleveland, Youngtown & Eastern Ry. Co., Cleveland, O.....	795
*Clifton Suspension Bridge Co., Buffalo, N. Y.....	634
Clinton, Davenport & Muscatine Ry. Co., Davenport, Ia.....	309
Clinton Street Ry. Co., Clinton, Ia.....	306
Coal Belt Electric Ry. Co., Marion, Ill.....	222
*Coal Castle Electric Ry. Co., Pottsville, Pa.....	998
*Coatesville Traction Co., West Chester, Pa.....	1032
Coatesville Trolley Co., Coatesville, Pa.....	912a
Cohoes Ry. Co., Cohoes, N. Y.....	638
*Coeur d'Alene & Spokane Ry. Co., Ltd., Spokane, Wash.....	1175
Colfax Springs Ry., Colfax, Ia.....	307
*College & Grandview Electric R. R., New Brighton, Pa.....	963
*Collegedale Electric Street Ry. Co., Norristown, Pa.....	968
*Colonial City Traction Co., Kingston, N. Y.....	658
Colorado Springs & Interurban Ry. Co., Colorado Springs, Colo.....	81
*Colorado Springs Rapid Transit Co., Colorado Springs, Colo.....	81
*Colorado Springs & Suburban Ry. Co., Colorado Springs, Colo.....	81
*Columbia & Donegal Ry., Lancaster, Pa.....	946
*Columbia Electric Street Ry., Light & Power Co., Columbia, S. C.....	1057
*Columbia Gas & Electric Co., Charleston, W. Va.....	1186
*Columbia & Ironville Ry., Lancaster, Pa.....	946
Columbia Railway, Gas & Electric Co., Columbia, S. C.....	1057
*Columbian St. Ry. Co., Providence, R. I.....	1052
*Columbus, Buckeye Lake & Newark Traction Co., Springfield, O.....	839
Columbus, Delaware & Marion Elec. Co., Columbus, O.....	800
*Columbus, Delaware & Marion Ry. Co., Cincinnati, O.....	800
Columbus Electric Co., Columbus, Ga.....	183
*Columbus, Grove City & Southwestern Ry. Co. (The), Springfield, O.....	839
*Columbus & Lake Michigan R. R., Springfield, O.....	839
*Columbus, London & Springfield Ry. Co. (The), Springfield, O.....	839
Columbus, Magnetic Springs & Northern Ry. Co., Richmond, O.....	826
Columbus, Marion & Bucyrus Ry. Co. (The), Marion, O.....	828
Columbus, New Albany & Johnstown Traction Co., Columbus, O.....	801
*Columbus, Newark & Zanesville Electric Ry. Co., Springfield, O.....	839
Columbus R. R. Co., Columbus, Ga.....	139
*Columbus Railway Co., Columbus, O.....	802
*Columbus Ry. & Lt. Co., Columbus, O.....	802
Columbus Ry., Light & Power Co., Columbus, Miss.....	517
Columbus Ry., Power & Light Co., Columbus, O.....	802
*Columbus Trac. Co., Columbus, O.....	802
Columbus, Urbana & Western Electric Ry. Co. (The), Columbus, O.....	808
Commonwealth Power, Railway & Light Co., Grand Rapids, Mich.....	486
*Compania Anonima de Alumbrado Electrico de Puebla, Puebla, Mex.....	1320

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Eureka Traction Co., Eureka Springs, Ark.....	2
Evanston Ry. Co., Evanston, Ill.....	201
Evansville & Ohio Valley Ry. Co., Evansville, Ind.....	263
*Evansville Public Service Co., Evansville, Ind.....	263
*Evansville Rys. Co., Evansville, Ind.....	263
Evansville, Suburban & Newburgh Ry. Co., Evansville, Ind.....	263
*Everett Ry., Light & Water Co., Everett, Wash.....	116
Exeter, Hampton & Amesbury Street Ry., Exeter, N. H.....	571
*Exeter Railway & Lighting Co., Exeter, N. H.....	571
Fairburn & Atlanta Ry. & Electric Co., Fairburn, Ga.....	14
Fairchance & Smithfield Traction Co., Uniontown, Pa.....	109
Fairfax Incline Railroad Co., San Francisco, Cal.....	61
Fairfield & Shawmut Railway, Fairfield, Me.....	374
*Fairmont & Mannington R. R. Co., Fairmont, W. Va.....	1187
Fairmount Park Transit Co., Philadelphia, Pa.....	973
*Fairmount Park Transportation Co., Philadelphia, Pa.....	973
Fallon Electric R. R. Co., Fallon, Nev.....	567
Federal Light & Traction Co., Boro. of Manhattan, New York City.....	700
Fernandina Munic. Ry., Fernandina, Fla.....	122
Ferrocarril Electrico de Lerdo a Torreon, S. A., Gomez Palacio, Durango, Mex.....	1812
Ferrocarril Electrico De Matanzas, S. A., Matanzas, Cuba.....	1835
*Ferrocarriles del Distrito, Federal de Mexico, Mexico, Mex.....	1816
*Ferrocarril Industrial de Puebla, Puebla, Mex.....	1830
*Ferrocarril Mineral de Chihuahua, Chihuahua, Mex.....	1811
Ferrocarril Urbano de Colima, Colima, Mex.....	1812
*Ferrocarril Urbana de Puebla, Puebla, Mex.....	1820
*Finance & Holding Corporation, Boro. of Manhattan, New York City.....	702
Fishkill Electric Ry. Co., Beacon, N. Y.....	627
Fitchburg & Leominster Street Railway Co., Fitchburg, Mass.....	491
Five Mile Beach Electric Ry. Co., Wildwood, N. J.....	618
Fonda, Johnstown & Gloversville R. R. (Elec. Div.), Gloversville, N. Y.....	648
Fort Dodge, Des Moines & Southern R. R. Co., Boone, Ia.....	298
Fort Madison Street Ry. Co., Fort Madison, Ia.....	315
Fort Scott & Nevada Light, Heat, Water & Power Co. (The), Nevada, Mo.....	540
Fort Smith Light & Traction Co., Fort Smith, Ark.....	24
Fort Smith-Oklahoma Light & Traction Co., Fort Smith, Ark.....	25
Fort Wayne & Decatur Trac. Co. (The), Decatur, Ind.....	257
Fort Wayne & Northern Indiana Traction Co., Fort Wayne, Ind.....	266
Fort Wayne & Northwestern Ry. Co., Kendallville, Ind.....	277
*Fort Wayne & Springfield Ry. Co. (The), Decatur, Ind.....	257
*Fort Wayne, Van Wert & Lima Trac. Co. (The), Springfield, O.....	639
Fort William Electric Ry. (Munic.), Fort William, Ont., Can.....	1258
*Fort Worth Southern Traction Co., Fort Worth, Tex.....	1104
Forty-Second Street, Manhattanville & St. Nicholas Ave. Ry. Co. (The), Boro. of Manhattan, New York City.....	677
Fostoria & Fremont Ry. Co. (The), Fostoria, O.....	818
Fox & Illinois Union Ry., Aurora, Ill.....	164
*Fox River Valley Electric Ry. Co., Appleton, Wis.....	1210
Frankford, Tacony & Holmesburg St. Ry. Co., Philadelphia, Pa.....	974
Frankford & Shelbyville Traction Co., Shelbyville, Ky.....	359
*Frankford & Utica Street Ry., Utica, N. Y.....	755
*Freedom & Conway Electric Street Ry., New Brighton, Pa.....	968
French Lick & W. Baden R. R. Co., French Lick, Ind.....	267
*Fresno City Ry. Co., Fresno, Cal.....	41
Fresno Interurban Railway Co., Fresno, Cal.....	40
Fresno Traction Co., Fresno, Cal.....	41
*Front & Fifth Street Ry. Co., Reading, Pa.....	1004
*Front & Union Street Railway, Wilmington, Del.....	113
*Frontier Electric Railway, Buffalo, N. Y.....	684
Fryeburg Horse R. R. Co., Fryeburg, Me.....	375
Gadsden, Bellevue & Lookout Mountain Ry., Gadsden, Ala.....	7
*Gadsden Ry. Co., Gadsden, Ala.....	6
*Gainesville Ry. & Power Co., Gainesville, Ga.....	184
Galesburg & Kewanee Electric Ry. Co., Kewanee, Ill.....	221
Galesburg Railway, Lighting & Power Co., Galesburg, Ill.....	269
Gallatin Valley Ry., Bozeman, Mont.....	806
Gallipolis & Northern Traction Co. (The), Gallipolis, O.....	820
Galt, Preston & Hespeler Street Ry. Co., Ltd, Galt, Ont., Can.....	1259
Galveston Electric Co., Galveston, Tex.....	1106
Galveston-Houston Electric Co., Galveston, Tex.....	1108
Galveston-Houston Electric Ry. Co., Galveston, Tex.....	1107
*Gardner, Westminster & Fitchburg Street Ry. Co., Athol, Mass.....	398
*Gary, Hobart & Eastern Traction Co., Hobart, Ind.....	269
Gary & Hobart Trac. Co., Gary, Ind.....	269
Gary & Interurban R. R. Co., Gary, Ind.....	268
Gary & Southern Traction Co., Crown Point, Ind.....	264
General Gas & Electric Co. (The), Boro. of Manhattan, New York City.....	701
Geneva, Seneca Falls & Auburn R. R. Co., Inc., Seneca Falls, N. Y.....	747
*Georgetown & Tennyaltown Ry. Co., Washington, D. C.....	119
Georgia Light, Power & Railways, Macon, Ga.....	143
*Georgia Ry. & Electric Co., Atlanta, Ga.....	134
Georgia Ry. & Power Co., Atlanta, Ga.....	134
*Girard Coal Belt Electric Ry. Co., Pittsburg, Kans.....	841
Glen Cove R. R. Co. (The), Glen Cove, N. Y.....	645
Glendale & Montrose Railway, Glendale, Cal.....	43
*Glens Falls, Sandy Hill & Fort Edward Street R. R. Co., Glens Falls, N. Y.....	646

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

*Gogebic & Iron Counties Railway & Light Co., Ironwood, Mich.....	491
Goldsboro Electric Railway Co., Goldsboro, N. C.....	768
*Gordon Heights Ry. Co., Wilmington, Del.....	118
*Gough Street Railroad, San Francisco, Cal.....	68
Grafton Light & Power Co., Grafton, W. Va.....	1186
*Grafton & Uptown R. E., Milford, Mass.....	439
Grand Forks Street Ry. Co., Grand Forks, N. D.....	777a
*Grand Haven Street Ry. Co., Grand Rapids, Mich.....	483
Grand Rapids, Grand Haven & Muskegon Ry. Co., Grand Rapids, Mich.....	483
Grand Rapids, Holland & Chicago Ry., Holland, Mich.....	488
Grand Rapids Railway Co., Grand Rapids, Mich.....	484
Grand Rapids St. Ry. Co., Grand Rapids, Wis.....	1216
Grand River Ry., Galt, Ont., Can.....	1259
Grand River Valley Railway Co. (The), Grand Junction, Colo.....	83
Grand Trunk Ry. Co. (St. Clair Tunnel Co.), Port Huron, Mich.....	499
*Grand Valley Ry. Co., Brantford, Ont., Can.....	1265
Grand View Railroad Co., Kirkwood, Mo.....	538
*Granite City Ry. Co., St. Cloud, Minn.....	511
*Gray's Harbor Electric Co., Aberdeen, Wash.....	1161
Gray's Harbor Railway & Light Co., Aberdeen, Wash.....	1161
Great Falls Street Ry., Great Falls, Mont.....	558
Great Lakes Pwr. Co., Ltd., Sault Ste Marie, Ont., Can.....	1283
Great Northern R. R. (Cascade Tunnel), St. Paul, Minn.....	512
Great South Bay Ferry Co., Freeport, N. Y.....	644
Greeley & Denver R. R. Co. (The), Greeley, Colo.....	89
*Greensburg & Southern Elec. St. Ry. Co., Pittsburg, Pa.....	991
Greenville Railway & Light Co., Greenville, Tex.....	1109
*Greenville, Spartanburg & Anderson Ry. Co., Charlotte, N. C.....	765
*Greenville Traction Co., Charlotte, N. C.....	766
*Greenwich & Schuylerville Electric R. R., Glens Falls, N. Y.....	646
*Groton & Stonington Street R. R. Co., Norwich, Conn.....	108
Guelph Radial Ry. Co. (Munic.), Guelph, Ont., Can.....	1261
*Gulfport Development Co., Gulfport, Miss.....	519
Gulfport & Mississippi Coast Traction Co., Gulfport, Miss.....	519
Guthrie Railway Co. (The), Guthrie, Okla.....	867
Hagerstown & Frederick Ry. Co. (The), Frederick, Md.....	395
*Halifax Electric Tramway Co., Ltd., Halifax, N. S., Can.....	1249
*Hamilton Cataract Power, Light & Traction Co., Hamilton, Ont., Can.....	1263
*Hamilton & Dundas Street Ry. Co., Hamilton, Ont., Can.....	1268
Hamilton, Grimsby & Beamsville Ry. Co., Hamilton, Ont., Can.....	1264
*Hamilton & Lindenwald Electric Transit Co., Hamilton, O.....	831
Hamilton Mountain Park Co., Ltd., Hamilton, Ont., Can.....	1265
*Hamilton Radial Electric Ry. Co., Hamilton, Ont., Can.....	1263
*Hamilton Street Ry. Co., Hamilton, Ont., Can.....	1263
*Hammond, Whiting & East Chicago Electric Ry., Chicago, Ill.....	182
Hammond, Whiting & E. Chicago Ry., Chicago, Ill.....	182
*Hampton Roads Traction Co., Hampton, Va.....	1145
Hannibal Ry. & Electric Co., Hannibal, Mo.....	532
*Hannibal Traction Co., Hannibal, Mo.....	532
Hanover & McSherrystown Street Ry. Co., Hanover, Pa.....	930
*Harrisburg City Passenger Ry. Co., Harrisburg, Pa.....	931
*Harrisburg & Mechanicsburg Electric Ry. Co., Lemoyne, Pa.....	951
Harrisburg Rys. Co., Harrisburg, Pa.....	931
*Harrisburg Traction Co., Harrisburg, Pa.....	931
Hartford & Springfield Street Ry. Co., Warehouse Point, Conn.....	109
Hattiesburg Traction Co., Hattiesburg, Miss.....	520
Havana Central R. R. Co., Havana, Cuba.....	1331
*Havana Electric Ry. Co., Havana, Cuba.....	1330
Havana Electric Ry., Light & Power Co., Havana, Cuba.....	1330
*Haverhill & Amesbury Street Ry. Co., Haverhill, Mass.....	427
*Haverhill & Plaiatow Street Ry. Co., Haverhill, Mass.....	427
*Haverhill, Plaiatow & Newton Street Ry. Co., Haverhill, Mass.....	427
*Haverhill & Southern New Hampshire Street Ry. Co., Haverhill, Mass.....	427
Helena Light & Railway Co., Helena, Mont.....	559
*Henderson & Owensboro Ry. Co., Evansville, Ind.....	262
Henderson Traction Co., Henderson, Ky.....	351
*Herkimer, Mohawk, Ilion & Frankfort Electric Ry., Utica, N. Y.....	755
Hershey Transit Co., Hershey, Pa.....	955
Highland Grove Traction Co., McKeesport, Pa.....	955
*Highland Park & Fruitvale R. R., Oakland, Cal.....	59
*Highland R. R. Co., New Albany, Ind.....	236
Hillsboro-Cynthiana-Bainbridge-Chillicothe Traction Co., Chillicothe, O.....	786a
Hoboken Manufacturers' R. R. Co., Lessee of Hoboken Shore Road, Hoboken, N. J.....	595
Hoeking-Sunday Creek Traction Co. (The), Nelsonville, O.....	831
*Holston Valley Ry., Bristol, Tenn.....	1064
Holyoke Street Ry. Co., Holyoke, Mass.....	429
Homestead & Mifflin Street Ry. Co., Homestead, Pa.....	936
Honolulu Rapid Transit & Land Co., Honolulu, Hawaii.....	151
Hoosick Falls Railroad Co., Hoosick Falls, N. Y.....	650
*Hopewell & City Point Ry. Co., Petersburg, Va.....	1151
Hornell Traction Co., Hornell, N. Y.....	651
Hot Springs Street Ry. Co., Hot Springs, Ark.....	23
Houghton County Trac. Co., Houghton, Mich.....	489
Houston Electric Co., Houston, Tex.....	1111
Hudson & Manhattan R. R. Co., Boro. of Manhattan, New York City.....	678
*Hudson, Pelham & Salem Street Ry. Co., Haverhill, Mass.....	427
Hudson River & Eastern Traction Co., Ossining, N. Y.....	799
Hudson Valley Ry. Co., Glens Falls, N. Y.....	646

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Hull Electric Co., Hull, Que., Can.....	1295
Humboldt Transit Co., Eureka, Cal.....	88
Huntingdon, Lewistown & Juniata Valley Traction Co., Huntingdon, Pa.....	987
*Huntingdon, Ashland & Cattlettsburg Street Ry. Co., Huntingdon, W. Va.....	1190
Huntington R. R. Co., Huntington, N. Y.....	652
Hutchinson Inter-Urban Ry. Co. (The), Hutchinson, Kans.....	333
*Idaho Traction Co., Boise, Idaho.....	153
Idlewyde Ry. Co., Baltimore, Md.....	368a
Illinois Central Electric Ry., Canton, Ill.....	167
*Illinois Central R. R., Evansville, Ind.....	262
*Illinois Central Traction Co., Peoria, Ill.....	233
*Illinois & Indiana Elec. Ry. Co., E. St. Louis, Ill.....	204
Illinois Light & Traction Co., Streator, Ill.....	246
Illinois Northern Utilities Co., Freeport, Ill.....	208
Illinois Traction System, Peoria, Ill.....	233
Indiana, Columbus & Eastern Traction Co., Cincinnati, O.....	792
Indiana County Street Ry. Co., Indiana, Pa.....	937a
*Indiana Harbor Line, Michigan City, Ind.....	233
*Indiana Ry. Co., South Bend, Ind.....	291
Indiana Rys. & Light Co., Kokomo, Ind.....	278
Indiana Utilities Co., Angola, Ind.....	250
Indianapolis & Cincinnati Traction Co., Indianapolis, Ind.....	271
*Indianapolis Coal Traction Co., Indianapolis, Ind.....	276
Indianapolis, Columbus & Southern Traction Co., Columbus, Ind.....	255
*Indianapolis, Crawfordsville & Danville Electric Ry. Co., Indianapolis, Ind.....	276
*Indianapolis & Eastern Ry. Co., Indianapolis, Ind.....	276
Indianapolis & Louisville Traction Ry. Co., Scottsburg, Ind.....	290
*Indianapolis & Martinsville Rapid Transit Co., Indianapolis, Ind.....	276
Indianapolis, New Castle & Eastern Traction Co., Anderson, Ind.....	249a
*Indianapolis & Northwestern Traction Co., Indianapolis, Ind.....	276
*Indianapolis, Shelbyville & Southeastern Traction Co., Indianapolis, Ind.....	271
Indianapolis Street Ry. Co., Indianapolis, Ind.....	274
*Indianapolis Traction & Terminal Co., Indianapolis, Ind.....	274
*Indianapolis & Western Ry. Co., Indianapolis, Ind.....	276
*Insular Ry. Co., Havana, Cuba.....	1330
Interborough-Consolidated Corporation, Boro. of Manhattan, New York City...	702
*Interborough-Metropolitan Co., Boro. of Manhattan, New York City.....	702
Interborough Rapid Transit Co., Boro. of Manhattan, New York City.....	679
Intercity Terminal Ry., Argenta, Ark.....	21
International Railway Co., Buffalo, N. Y.....	634
International Traction Co., Buffalo, N. Y.....	635
International Transit Co. (The), Sault Ste Marie, Ont., Can.....	123
Interstate Consolidated Street Ry. Co., Attleboro, Mass.....	399a
Interstate Public Service Co., Indianapolis, Ind.....	275
Interstate Railways Co., Camden, N. J.....	590
*Interstate Street Ry. (of Providence, R. I.), Attleboro, Mass.....	399a
Inter-Urban Railway Co., Des Moines, Ia.....	818
*Interurban Ry. Co., Helena, Ark.....	26
Interurban Ry. & Terminal Co., Cincinnati, O.....	793
*Interurban Terminal Co., Cincinnati, O.....	793
Iola Electric R. R. Co., Iola, Kans.....	324
Iowa Railway & Light Co., Cedar Rapids, Iowa.....	803
Iowa Southern Utilities Co., Centerville, Ia.....	303
*Iowa Traction Co., Cedar Rapids, Ia.....	303
Iron River, Stambaugh & Crystal Falls St. Ry. Co., Iron River, Mich.....	490
Ironwood & Bessemer Railway & Light Co., Ironwood, Mich.....	491
Irwin-Herminie Traction Co. (The), Irwin, Pa.....	938
Ithaca Trac. Corp., Ithaca, N. Y.....	654
Jackson Light & Traction Co., Jackson, Miss.....	521
Jackson Ry. & Light Co., Jackson, Tenn.....	1070
*Jackson & Suburban Street R. R. Co., Jackson, Tenn.....	1070
Jacksonville Ry. & Lt. Co., Jacksonville, Ill.....	215
*Jacksonville St. Ry. Co., Jacksonville, Ill.....	215
Jacksonville Traction Co., Jacksonville, Fla.....	124
*Jamestown, Chautauqua & Lake Erie Ry. Co., Jamestown, N. Y.....	657
Jamestown St. Ry. Co., Jamestown, N. Y.....	656
Jamestown, Westfield & Northwestern R. R. Co., Jamestown, N. Y.....	657
Janesville Traction Co., Janesville, Wis.....	1219
*Janesville Traction Co., Rockford, Ill.....	240
Jefferson City Bridge & Transit Co., Jefferson City, Mo.....	533
*Jefferson County Traction Co., Beaumont, Tex.....	1064
Jefferson Traction Co., Punxsutawney, Pa.....	949
Jersey Central Traction Co., Keyport, N. J.....	697
*Jersey City, Hoboken & Paterson Street Ry. Co., Newark, N. J.....	602
Jersey Shore & Antea Fort R. R., Jersey Shore, Pa.....	939
Jersey Shore Electric Street Ry. Co., Jersey Shore, Pa.....	940
Johnson City Traction Corp., Johnson City, Tenn.....	1071
*Johnstown Passenger Ry. Co., Johnstown, Pa.....	941
Johnstown & Somerset Ry., Somerset, Pa.....	1015
Johnstown Traction Co., Johnstown, Pa.....	941
*Joliet R. R. Co., Joliet, Ill.....	217
Joliet & Eastern Traction Co., Joliet, Ill.....	218
Joplin & Pittsburg Ry. Co., Pittsburg, Kans.....	241
*Kananga Traction Co., Gallipolis, O.....	620
Kanawha Trac. & Elec. Co., Parkersburg, W. Va.....	1197

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*Kanawha Valley Traction Co., Charlestown, W. Va.....	1155
Kankakee Electric Ry. Co., Kankakee, Ill.....	219
Kankakee & Urbana Traction Co., Urbana, Ill.....	248
Kansas City, Clay County & St. Joseph Ry. Co., Kansas City, Mo.....	535
*Kansas City Elevated Ry. Co. (The), Kansas City, Mo.....	536
Kansas City, Kaw Valley & Western Ry. Co., Bonner Springs, Kans.....	329
Kansas City, Lawrence & Topeka R. R. Co., Kansas City, Mo.....	536a
Kansas City Railways Co. (The), Kansas City, Mo.....	536
Kansas City-Western Ry. Co. (The), Kansas City, Kans.....	337
*Kansas City & Westport Belt Ry., Kansas City, Mo.....	536
Kansas Electric Utilities Co., Lawrence, Kan.....	338
Kaydross Railroad Corporation, Ballston, N. Y.....	625
Keene Electric Ry. Co., Keene, N. H.....	577
Kensington & Eastern R. R. Co., Chicago, Ill.....	188
Kensington Ry. Co., Kensington, Md.....	396
Kenton Traction Co., North Portland, Ore.....	882a
*Kentucky & Indiana Bridge & Ry. Co., New Albany, Ind.....	295
Kentucky Securities Corp., Philadelphia, Pa.....	960
Kentucky Traction & Terminal Co., Lexington, Ky.....	352
Kentucky Utilities Co., Somerset, Ky.....	360
*Keokuk Electric Ry. & Power Co., Keokuk, Ia.....	318
Keokuk Electric Co., Keokuk, Ia.....	318
Keystone Utilities Co., Scranton, Pa.....	1010
Key West Electric Co. (The), Key West, Fla.....	125
*Kingsbridge R. R., Boro. of Manhattan, New York City.....	689
*Kingston City R. R. Co., Kingston, N. Y.....	658
Kingston Consolidated R. R. Co., Kingston, N. Y.....	658
Kingston, Portsmouth & Cataract Electric Ry. Co., Kingston, Ont., Can.....	1276
Kitchener & Waterloo St. Ry. (Munic), Kitchener, Ont., Can.....	1267b
*Kittanning & Leechburg Railways Co., Pittsburg, Pa.....	991
Knox County Electric Co., Rockland, Me.....	383
Knoxville Railway & Light Co., Knoxville, Tenn.....	1072
*Kokomo, Frankfort & Western Traction Co., Kokomo, Ind.....	278
*Kokomo, Marion & Western Traction Co., Kokomo, Ind.....	278
*Kokomo Public Utilities Co., Kokomo, Ind.....	276
*Kutztown & Fleetwood Street Ry. Co., Allentown, Pa.....	891
*Lackawanna Valley Traction Co., Scranton, Pa.....	1009
Lackawanna & Wyoming Valley R. R. Co. (Laurel Line), Scranton, Pa.....	1006
*Lackawanna & Wyoming Valley Rapid Transit Co., Scranton, Pa.....	1012
Laconia Street Ry. Co., Laconia, N. H.....	578
*La Crosse City Ry. Co., Winona, Minn.....	516
La Crosse & Onalaska St. Ry. Co., La Crosse, Wis.....	1221
Lake Charles Ry., Light & Water Works Co., Lake Charles, La.....	853
*Lake Erie, Bowling Green & Napoleon Ry. Co. (The), Fostoria, O.....	819
Lake Erie & Northern Ry., Galt, Ont., Can.....	1260
*Lake James R. R., Angola, Ind.....	250
Lake Shore Electric Ry. Co., Cleveland, O.....	799
*Lake Shore & Michigan Southern Ry., Ashtabula, O.....	782
*Lakeside Ry. Co., Duluth, Minn.....	505
Lake Superior Corp. (The), Sault Ste Marie, Mich.....	601
*Lancaster City Street Ry., Lancaster, Pa.....	946
*Lancaster & Columbia Ry., Lancaster, Pa.....	946
Lancaster County Ry. & Light Co., Lancaster, Pa.....	947
*Lancaster & Eastern Street Ry., Lancaster, Pa.....	946
*Lancaster & Litzitz Ry., Lancaster, Pa.....	946
Lancaster, Mechanicsburg & New Holland Ry., Lancaster, Pa.....	946
*Lancaster & Millersville Ry. Co., Lancaster, Pa.....	946
*Lancaster, Petersburg & Manheim Ry., Lancaster, Pa.....	946
*Lancaster & Quarryville Street Ry., Lancaster, Pa.....	946
*Lancaster & Rocky Springs Ry., Lancaster, Pa.....	946
Lancaster Traction & Power Co. (The), Lancaster, O.....	822
*Lancaster, Willow Street, Lampeter & Strasburg Ry., Lancaster, Pa.....	946
Lancaster & York Furnace Street Ry. Co., Millersville, Pa.....	959
*Langley Field & Hampton R. R. Co., Hampton, Va.....	1145
*Lansingburg & Cohoes R. R. Co., Albany, N. Y.....	632
*La Porte & Michigan City Ry. Co., South Bend, Ind.....	291
Laredo Electric & Ry. Co., Laredo, Tex.....	1113
Las Vegas Transit Co., Las Vegas, New Mex.....	620
*Latrobe-Hecla St. Ry. Co., Pittsburg, Pa.....	991
*Latrobe Street Ry. Co., Pittsburg, Pa.....	991
*Lurel Light & Ry. Co., Laurel, Miss.....	523
*Lawrence & Methuen Street Ry. Co., Haverhill, Mass.....	427
*Lawrence Ry. & Light Co., Lawrence, Kans.....	338
Lawton Ry. & Ltg. Co., Lawton, Okla.....	868
Lebanon & Franklin Traction Co. (The), Dayton, O.....	810
Lebanon-Thorntown Traction Co., Lebanon, Ind.....	380
*Lebanon Valley Street Ry. Co., Lebanon, Pa.....	949
Lehigh Pwr. Securities Corp., Boro. of Manhattan, New York City.....	702a
Lehigh Traction Co., Hazleton, Pa.....	933
*Lehigh Valley Traction Co., Allentown, Pa.....	893
Lehigh Valley Transit Co., Allentown, Pa.....	893
Lethbridge Municipal Ry., Lethbridge, Alta., Can.....	1238
Levis County Ry. (The), Levis, Que., Can.....	1296
Lewisburg, Milton & Watontown Passenger Ry. Co., Milton, Pa.....	960
Lewisburg & Roncoveite Electric Railway Co., Lewisburg, W. Va.....	1191
*Lewiston & Auburn Elec. Lt. Co., Lewiston, Me.....	876
Lewiston, Augusta & Waterville Street Ry., Lewiston, Me.....	877

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Lewiston-Clarkston Transit Co., Clarkston, Wash.....	116
*Lewiston Connecting Bridge Co., Buffalo, N. Y.....	63
*Lewiston & Youngstown Frontier Ry. Co., Niagara, Falls, N. Y.....	72
Lewistown & Reedsville Electric Ry. Co. (The), Lewistown, Pa.....	92
Light & Development Co. of St. Louis, St. Louis, Mo.....	54
*Lima Electric Ry. & Light Co., Springfield, O.....	82
*Lima, Findlay & Toledo Ry., Lima, O.....	82
*Lima & Toledo Traction Co., Springfield, O.....	82
Lincoln, Capitol Beach & Milford R. R. Co., Lincoln, Neb.....	52
*Lincoln Elec. Ry. Co., Lincoln, Ill.....	221
Lincoln Manic St. Ry., Lincoln, Ill.....	221
*Lincoln Ry. & Htg. Co., Lincoln, Ill.....	221
Lincoln Traction Co. (The), Lincoln, Neb.....	52
Linwood Street Ry. Co., Whitinsville, Mass.....	46
Little Rock Ry. & Electric Co., Little Rock, Ark.....	2
*Lockport & Olcott Ry., Buffalo, N. Y.....	62
*Logan Rapid Transit Co., Ogden, Utah.....	112
London & Port Stanley Ry. (Munic.), The, London, Ont., Can.....	126
London Street Ry. Co., London, Ont., Can.....	127
*Lone Pine Utilities Co., Bigpine, Cal.....	24
Long Island Consolidated Electrical Cos. (The), Boro. of Queens, New York City... 712	712
Long Island Electric Ry. Co., Boro. of Queens, New York City.....	712
Long Island Railroad (The), Boro. of Queens, New York City.....	712
Longview & Junction Ry., Longview, Tex.....	114
Lookout Incline Ry. Co., Chattanooga, Tenn.....	102
Lookout Mountain Ry. Co., Chattanooga, Tenn.....	102
Lorain Street R. R. Co. (The), Lorain, O.....	82
Lordship Railway (The), Bridgeport, Conn.....	94
Lorraine Electric Ry. Co., Baltimore, Md.....	38
*Los Angeles Interurban Ry. Co., Los Angeles, Cal.....	42
Los Angeles & Mt. Washington Ry. Co., Los Angeles, Cal.....	42
*Los Angeles-Pacific Co., Los Angeles, Cal.....	42
*Los Angeles Ry. Co., Los Angeles, Cal.....	42
Los Angeles Ry. Corp., Los Angeles, Cal.....	42
*Los Angeles & Redondo Ry. Co., Los Angeles, Cal.....	42
Los Angeles & San Diego Beach Ry. Co., San Diego, Cal.....	52
Louisville & Interurban R. R. Co., Louisville, Ky.....	252
Louisville & Northern Ry. & Lighting Co., New Albany, Ind.....	282
Louisville Railway Co., Louisville, Ky.....	354
Louisville & Southern Indiana Traction Co., New Albany, Ind.....	282
Lowell & Fitchburg St. Ry. Co. (The), Ayer, Mass.....	400
*Lowell & Pelham Street Ry. Co., Haverhill, Mass.....	422
*Loyal Ry. Co., Seattle, Wash.....	112
Lycoming Improvement Co., Williamsport, Pa.....	102
Lykens Valley Ry. Co., Williamstown, Pa.....	1040
*Lykens & Williams Valley Street Ry. Co., Williamstown, Pa.....	1040
Lynchburg Traction & Light Co., Lynchburg, Va.....	1142
*McKeesport & Irwin St. Ry. Co., Pittsburg, Pa.....	901
Macon Ry. & Light Co., Macon, Ga.....	142
Madison Light & Ry. Co., Madison, Ind.....	282
Madison Railways Co., Madison, Wisc.....	1224
Mahoning & Shenango Ry. & Light Co., Youngstown, O.....	852
*Mahoning Valley Ry. Co. (The), Youngstown, O.....	852
*Mahoning Valley Street R. R. Co., Punxsutawney, Pa.....	999
Maine Railways, Light & Power Co., Portland, Me.....	380
Manchester & Derry Street Ry., Manchester, N. H.....	579
Manchester & Nashua Street Ry., Manchester, N. H.....	530
Manchester Street Ry., Manchester, N. H.....	581
Manchester Traction Light & Power Co., Manchester, N. H.....	582
Manhattan Bridge Three-Cent Line, Borough of Brooklyn, New York City.....	670
Manhattan City & Interurban Ry. Co., Manhattan, Kans.....	339
Manhattan & Queens Traction Corp., Boro. of Manhattan, New York City.....	680
*Manhattan Ry. Co., Boro. of Manhattan, New York City.....	679
Manila Electric R. R. & Light Corp., Manila, P. I.....	1042
*Manila Suburban Rys. Co., Manila, P. I.....	1042
Manistee Ry. Co., Manistee, Mich.....	492
Manitowoc & Northern Traction Co., Manitowoc, Wis.....	1222
Mankato Electric Traction Co., Mankato, Minn.....	507
*Mansfield Public Service & Utility Co., Mansfield, O.....	822
Marine Ry. Co. (The), Borough of Brooklyn, New York City.....	671
Marion & Bluffton Traction Co., Bluffton, Ind.....	283
Marquette City & Presque Isle Ry. Co., Marquette, Mich.....	492
Marshall Traction Co., Marshall, Tex.....	1112
*Marshalltown Light, Power & Ry. Co., Cedar Rapids, Ia.....	202
Maryland Electric Railways Co. (The), Annapolis, Md.....	382
*Maryland-Virginia Railway Co., Washington, D. C.....	120
Mason City & Clear Lake R. R. Co., Mason City, Ia.....	280
*Mason-town-Morgantown St. Ry. Co., Pittsburg, Pa.....	991
Massachusetts Consolidated Rys., Greenfield, Mass.....	422
Massachusetts Electric Companies, Boston, Mass.....	402
Massachusetts Northeastern Street Ry. Co., Haverhill, Mass.....	422
Mauch Chunk & Lehigh Transit Co., Mauch Chunk, Pa.....	952
Maumee Valley Railways & Light Co., Toledo, O.....	842
Mayaguez Tramway Co., Mayaguez, P. R.....	1042
Maysville Public Service Co., Maysville, Ky.....	252
Maysville Street R. R. & Transfer Co., Maysville, Ky.....	252
Media, Glen Riddle & Rockdale Electric Street Ry. Co., Media, Pa.....	282
Medway & Dedham St. Ry. Co., Westwood, Mass.....	422

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Memphis & Lake View Ry. Co., Memphis, Tenn.....	1078
Memphis Street Ry. Co., Memphis, Tenn.....	1074
*Memphis & Neenah Street Ry. Co., Neenah, Wis.....	1810
Menominee & Marinette Light & Traction Co., Menominee, Mich.....	497
*Mercer County Traction Co., Trenton, N. J.....	616
Meridian Light & Ry. Co., Meridian, Miss.....	523
*Merrill Ry. & Ltg. Co., Wausan, Wis.....	1232
Mezaba Ry. Co., Virginia, Minn.....	515
*Metropolitan Electric Street Ry. Co., Dallas, Tex.....	1090
*Metropolitan Street Ry. Co., Kansas City, Mo.....	586
Metropolitan West Side Elevated Ry. Co., Chicago, Ill.....	184
*Mexico & San Diego Ry., San Diego, Cal.....	56
Mexico Tramways Co., Mexico, Mex.....	1816
Miami Traction Co., Miami, Fla.....	126
*Miami Valley Ry. Co., Dayton, O.....	809
Michigan Central R. R. (Detroit River Tunnel Co.), Detroit, Mich.....	481
*Michigan City Electric Co. (Ry. Dept.), South Bend, Ind.....	231
*Michigan City Traction Co., South Bend, Ind.....	291
Michigan Gas & Elec. Co., Ishpeming, Mich.....	492
Michigan Railway Co., Kalamazoo, Mich.....	494
Michigan United Rys. Co., Jackson, Mich.....	493
Mid-Crosstown Ry. Co., Boro. of Manhattan, New York City.....	681
Middlesex & Boston Street Ry., Newtonville, Mass.....	444
*Middletown, Highspire & Steelton Street Ry. Co., Harrisburg, Pa.....	931
Middle West Utilities Co., Chicago, Ill.....	193
Milford, Attleboro & Woonsocket Street Ry. Co., Milford, Mass.....	438
*Milford, Holliston & Framingham Street Ry. Co., Milford, Mass.....	439
Milford & Uxbridge Street Ry. Co., Milford, Mass.....	439
Military Post Street R. R., Burlington, Vt.....	1186
Mill Mountain Incline, Inc., Roanoke, Va.....	1157
Millville Traction Co., Millville, N. J.....	599
Milwaukee Electric Ry. & Light Co., Milwaukee, Wis.....	1227
*Milwaukee & Fox River Valley Ry., Sheboygan, Wis.....	1249
*Milwaukee Light, Heat & Traction Co., Milwaukee, Wis.....	1237
Milwaukee Northern Ry. Co., Cedarburg, Wis.....	1213
Mineral Heights St. Ry. Co., Greenville, Tex.....	1110
Minneapolis, Anoka & Cuyuna Range Ry. Co., Minneapolis, Minn.....	508
Minneapolis, Northfield & Southern Ry., Minneapolis, Minn.....	509
*Minneapolis, St. Paul, Rochester & Dubuque Elec. Trac. Co., Minneapolis, Minn.....	509
*Minneapolis & St. Paul Suburban R. R. Co. (The), Minneapolis, Minn.....	510
*Minneapolis Street Ry. Co., Minneapolis, Minn.....	510
Minnesota Northwestern Electric Ry. Co., Thief River Falls, Minn.....	514
*Minnetonka & White Bear Navigation Co., Minneapolis, Minn.....	510
Minster & Loramie Ry. Co., Ft. Loramie, O.....	817
Mississippi Valley Electric Co., Iowa City, Ia.....	316
Mississippi Valley Ry. & Pwr. Co., Rock Island, Ill.....	244
Missoula St. Ry. Co., Missoula, Mont.....	560
Missouri Elec. R. R., St. Louis, Mo.....	542
Missouri & Kansas Internrbn Ry. Co. (The), Kansas City, Mo.....	537
Mobile Light & R. R. Co., Mobile, Ala.....	9
Mobile & Pensacola Ry. & Navigation Co., Mobile, Ala.....	10
*Mobile, Volanta & Pensacola R. R. Co., Mobile, Ala.....	10
Moline, Rock Island & Eastern Traction Co., Moline, Ill.....	225
Moncton Tramways, Electricity & Gas Co. Ltd., Moncton, N. B., Can.....	1247a
Monmouth County Electric Co., Red Bank, N. J.....	609
*Monongahela & Ohio R. R. Co., Morgantown, W. Va.....	1193
*Monongahela Street Ry. Co., Pittsburg, Pa.....	990
Monongahela Valley Traction Co., Fairmont, W. Va.....	1187
Monroe Street Ry. (Munic.), Monroe, La.....	365
*Monroe Traction Co., Detroit, Mich.....	478
*Montandon & Mifflinsburg Ry., Milton, Pa.....	960
Montecito Railroad Co., Los Angeles, Cal.....	47
Monterey & Pacific Grove Ry. Co., Monterey, Cal.....	49
*Monterrey Ry. Light & Power Co., Monterrey, N. L., Mex.....	1318
*Montgomery & Chester Electric Ry. Co., Pottstown, Pa.....	997
*Montgomery County Passenger Ry. Co., Norristown, Pa.....	968
Montgomery Light & Traction Co., Montgomery, Ala.....	11
*Montgomery Traction Co., Allentown, Pa.....	893
Montgomery Transit Co., Norristown, Pa.....	966
Montoursville Passenger Ry. Co., Montoursville, Pa.....	961
Montreal & Southern Counties Ry. Co., Montreal, Que., Can.....	1298
Montreal Tramways Co., Montreal, Que., Can.....	1299
Montreal Tramways & Power Co., Montreal, Que., Can.....	1300
Moose Jaw Electric Ry. Co., Ltd. (The), Moose Jaw, Sask., Can.....	1306
*Morgantown & Pittsburg Ry., Wheeling, W. Va.....	1207
Morgantown & Wheeling Ry. Co., Morgantown, W. Va.....	1193
*Morningside Electric Street Ry. Co., Pittsburg, Pa.....	990
Morris County Traction Co. (The), Morristown, N. J.....	600
Morris R. R. Co., Morristown, N. J.....	601
*Moss Point & Pascagoula Ry. Co., Pascagoula, Miss.....	585
Motor Line Co., Duluth, Minn.....	505
Mount Beacon-on-Hudson Association, Beacon, N. Y.....	628
*Mount Carmel & Locust Gap Traction Co., Mt. Carmel, Pa.....	962
Mount Penn Gravity R. R. Co., Reading, Pa.....	1001
Mt. Maniton Park & Incline Ry. Co. (The), Colorado Springs, Colo.....	80
Mt. Mansfield Electric R. R. Co., Stowe, Vt.....	1141
*Mt. Tom R. R. Co., Holyoke, Mass.....	429
*Mt. Washington Street Ry. Co., Pittsburg, Pa.....	990
*Mousam River Ry., Sanford, Me.....	384
Muncie, Hartford & Ft. Wayne Ry. Co., Muncie, Ind.....	284

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

Muncie & Portland Traction Co. (The), Portland, Ind.....	289
Municipal Ry. of San Francisco, San Francisco, Cal.....	64
Municipal Street Railway, Alexandria, La.....	261
Municipal Service Co., Philadelphia, Pa.....	961a
Murphysboro Electric Ry., Light, Heat & Power Co., Murphysboro, Ill.....	228
Murphysboro & Southern Illinois Ry., Murphysboro, Ill.....	228a
Muskegon Traction & Lighting Co., Muskegon, Mich.....	498
Muskogee Electric Traction Co., Muskogee, Okla.....	870
Nahant & Lynn Street Ry. Co., Lynn, Mass.....	435
*Narragansett Pier R. R. Co., Providence, R. I.....	1052
*Nashville-Gallatin Interurban Ry., Nashville, Tenn.....	1076
*Nashville Interurban Ry., Nashville, Tenn.....	1077
Nashville Ry. & Light Co., Nashville, Tenn.....	1078
Nashville Traction Co., Nashville, Tenn.....	1079
Nassau County Ry. Co. (The), Sea Cliff, L. I., N. Y.....	746
*Nassau Electric R. R. Co., Boro. of Brooklyn, New York City.....	665
*National Railroad of Mexico Catorce, San Luis Potosi, Mex.....	1321
National Properties Co., Philadelphia, Pa.....	961
National Utilities Co., Boro. of Manhattan, New York City.....	702b
Nelson Street Ry Co., Ltd., (Munic.), Nelson, B. C., Can.....	1289
Nevada County Traction Co., Grass Valley, Cal.....	43
Nevada Interurban Ry. Co., Reno, Nev.....	569
*Nevada Water, Light & Traction Co., Nevada, Mo.....	540
Neversink Mountain Ry. Co., Reading, Pa.....	1002
*New Albany Street Ry., New Albany, Ind.....	286
*Newark & Granville Street Ry., Springfield, O.....	839
*Newark & South Orange Ry. Co., Newark, N. J.....	602
*New Bedford & Fairhaven Street Ry., New Bedford, Mass.....	443
New Bedford & Onset Street Ry. Co., New Bedford, Mass.....	441
New Bern-Ghent Street Ry. Co., New Bern, N. C.....	770
New Brunswick Pwr. Co., St. John, N. B. Can.....	1248
*Newburgh City Line, Newburgh, N. Y.....	662
*Newburgh & Orange Lake Line, Newburgh, N. Y.....	663
*New Castle Electric Street Ry. Co., Youngstown, O.....	855
New Castle & Lowell Ry. Co., New Castle, Pa.....	964
*New Castle & Mahoningtown Street Ry. Co., Youngstown, O.....	855
*New Castle Traction Co., Youngstown, O.....	855
Newell Bridge & Ry. Co. (The), Newell, W. Va.....	1196
*Newell Street Ry. Co. (The), Newell, W. Va.....	1196
New England Investment & Security Co., Worcester, Mass.....	472
New Hampshire Electric Railways, Haverhill, Mass.....	428
*New Holland, Blue Ball & Terre Hill Street Ry. Co., Lancaster, Pa.....	946
*New Jersey & Hudson River Ry. & Ferry Co., Newark, N. J.....	602
New Jersey & Pennsylvania Traction Co., Trenton, N. J.....	618
New Jersey Rapid Transit Co., Sea Isle City, N. J.....	610
*New London & East Lynne St. Ry. Co., Norwich, Conn.....	108
*New Midland Power & Traction Co. (The), Coshocton, O.....	805a
*New Orleans & Carrollton R. R., Light & Power Co., New Orleans, La.....	368
*New Orleans City R. R. Co., New Orleans, La.....	368
*New Orleans & Pontchartrain R. R. Co., New Orleans, La.....	368
New Orleans Railway & Light Co., New Orleans, La.....	368
New Paltz, Highland & Poughkeepsie Traction Co., New Paltz, N. Y.....	663
*Newport & Fall River Street Railway Co., Boston, Mass.....	401
Newport News & Hampton Ry., Gas & Elec. Co., Hampton, Va.....	1145
*Newport News & Old Point Ry. & Electric Co., Newport News, Va.....	1145
Newport & Providence Ry. Co., Newport, R. I.....	1048
*Newtonville & Watertown St. Ry., Newtonville, Mass.....	444
New York Central R. R. (Elec. Div.), Boro. of Manhattan, New York City.....	682
New York City Interborough Ry. Co., Boro. of Manhattan, New York City.....	683
New York Connecting R. R. Co. (The), Boro. of Manhattan, New York City.....	684
*New York Consolidated R. R. Co., Boro. of Brooklyn, New York City.....	685
*New York & Long Branch R. R., Keyport, N. J.....	597
New York & Long Island Traction Co. (The), Hempstead, N. Y.....	649
New York, Municipal Ry. Corp., Boro. of Brooklyn, New York City.....	678
New York, New Haven & Hartford R. R. (The), New Haven, Conn.....	106
New York & North Shore Traction Co. (The), Roslyn, N. Y.....	743
New York & Queens County Ry. Co., Boro. of Queens, New York City.....	719
New York Railways Co., Boro. of Manhattan, New York City.....	686
New York & Stamford Ry. Co., Port Chester, N. Y.....	736
New York State Railways (Oneida Lines), Oneida, N. Y.....	723
New York State Railways (Rochester Lines), Rochester, N. Y.....	741
New York State Railways (Syracuse Lines), Syracuse, N. Y.....	750
New York State Railways (Utica Lines), Utica, N. Y.....	755
New York, Westchester & Boston Ry., Boro. of Manhattan, New York City.....	696
*New York, Westchester & Boston Ry. Co., Boro. of Manhattan, New York City.....	686
*Niagara Falls Park & River Ry. Co., Buffalo, N. Y.....	634
*Niagara Falls & Suspension Bridge Ry. Co., Buffalo, N. Y.....	634
*Niagara Falls Suspension Bridge Co., Buffalo, N. Y.....	634
*Niagara Falls, Weeley Park & Clifton Tramway Co., St. Catharines, Ont., Can.....	1260
*Niagara Falls Whirlpool & Northern Ry., Buffalo, N. Y.....	634
Niagara Gorge R. R. Co., Niagara Falls, N. Y.....	724
Niagara Junction Ry. Co., Niagara Falls, N. Y.....	724a
Niagara, St. Catharines & Toronto Ry. Co., St. Catharines, Ont., Can.....	1260
Niagara Spanish Aerocar Co., Ltd., Niagara Falls, Ontario, Can.....	1271
Niagara, Welland & Lake Erie Ry. Co., Welland, Ont., Can.....	1291
*Niles & Buchanan Ry. Co., So. Bend, Ind.....	292
Nipissing Central Ry., No. Cobalt, Ont., Can.....	1273
Norfolk & Bristol Street Ry. Co., Foxboro, Mass.....	427

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Norfolk & Portsmouth Traction Co., Richmond, Va.....	1156
Norfolk Ry. & Light Co., Norfolk, Va.....	1150
Norfolk Southern R. R., Norfolk, Va.....	1149
Norfolk & Western Ry. Co. (Electric Div.), Bluefield, W. Va.....	1188
Norristown Pass. Ry. Co., Norristown, Pa.....	968
Norristown Transit Co., Norristown, Pa.....	967
North Alabama Traction Co., Albany, Ala.....	1
North American Co. (The), Boro. of Manhattan, New York City.....	708
Northampton Central Street Ry., Allentown, Pa.....	898
Northampton, Easton & Washington Traction Co., Easton, Pa.....	921
Northampton Street Ry. Co., Northampton, Mass.....	446
Northampton Traction Co., Easton, Pa.....	922
North Branch Transit Co., Bloomsburg, Pa.....	900
North Canadian Valley Ry., Oklahoma City, Okla.....	878
North Carolina Public Service Co. (The), Greensboro, N. C.....	769
North Coast Pwr. Co., Vancouver, Wash.....	1180
North End Street Ry., Worcester, Mass.....	471
Northern Cambria Street Ry. Co., Patton, Pa.....	970
Northern Electric Ry., Sacramento, Cal.....	55a
Northern Electric Street Ry. Co. (The), Scranton, Pa.....	1008
Northern Illinois Light & Traction Co., Ottawa, Ill.....	280
Northern Indiana Ry. Co., South Bend, Ind.....	291
Northern Massachusetts Street Ry. Co., Athol, Mass.....	398
Northern Ohio Traction & Light Co., Akron, O.....	779
Northern States Power Co. (Fargo & Moorhead Div.), Fargo, N. D.....	777
Northern Texas Electric Co., Ft. Worth, Tex.....	1105
Northern Texas Traction Co., Fort Worth, Tex.....	1103
*North Hudson Turnpike Co., Newark, N. J.....	602
North Jersey Rapid Transit Co., Hoboken, N. J.....	596
*North Jersey Street Ry. Co., Newark, N. J.....	602
North Kankakee Electric Light & Ry. Co.*Kankakee, Ill.....	220
Northport Traction Co. (The), Northport, N. Y.....	725
*North River Ry., Glens Falls, N. Y.....	646
North Shore & Western Ry. Co., Chicago, Ill.....	207
*Northumberland County Traction Co., Sunbury, Pa.....	1019
*North West Utilities Co., Chicago, Ill.....	198
Northwestern Elec. Service Co., Meadville, Pa.....	957
Northwestern Elevated R. R. Co., Chicago, Ill.....	185
Northwestern Ohio Railway & Power Co., Toledo, O.....	648
Northwestern Pacific R. R. Co., San Francisco, Cal.....	65
Northwestern Pennsylvania Railway Co., Meadville, Pa.....	957
*Norton & Taunton Street Ry. Co., Norton, Mass.....	448
Norton, Taunton & Attleboro St. Ry., Norton, Mass.....	448
*Norway & Paris Street Ry. Co., Norway, Me.....	378
Norwich & Westerly Traction Co., Norwich, Conn.....	108
Nova Scotia Tramways & Pwr. Co., Ltd., Halifax, N. S., Can.....	1249
Oakdale & McDonald St. Ry. Co., Pittsburg, Pa.....	991
Oakland, Antioch & Eastern Ry., Oakland, Cal.....	51
*Oakland Ry. Co., Oakland, Cal.....	52
*Oakland, San Leandro & Hayward Ry. Co., Oakland, Cal.....	52
*Oakland Traction Co., Oakland, Cal.....	52
*Oakland Traction Consolidated, Oakland, Cal.....	52
*Oakland Transit Co., Oakland, Cal.....	52
Oakwood R. R. Co., Dayton, O.....	811
Oakwood Street Ry. Co. (The), Dayton, O.....	812
Ocean City Electric R. R. Co., Ocean City, N. J.....	604
Ocean Electric Ry. Co., Boro. of Queens, New York City.....	720
Ocean Shore R. R. Co., San Francisco, Cal.....	66
Ocean Street Passenger Ry. Co., Cape May, N. J.....	593
*Ogden, Logan & Idaho Railway Co., Ogden, Utah.....	1127
*Ogden Rapid Transit Co., Ogden, Utah.....	1127
Ogdensburg Street Ry. Co., Ogdensburg, N. Y.....	726
Ohio Electric Ry. Co. (The), Springfield, O.....	889
Ohio River Electric Ry. & Power Co. (The), Pomeroy, O.....	884
*Ohio River Passenger Ry. Co., (The), East Liverpool, O.....	815
Ohio Service Co. (The), Coshocton, O.....	805a
Ohio & Southern Traction Co. (The), Columbus, O.....	804
Ohio Traction Co. (The), (Millcreek Valley Division), Cincinnati, O.....	794
Ohio Valley Electric Ry. Co., Huntington, W. Va.....	1190
*Ohio Valley Traction Co., Portsmouth, O.....	885
Ohio & Western Utilities Co., Boro. of Manhattan, New York City.....	705
*Oklahoma City Land & Dev. Co., Oklahoma City, Okla.....	871
*Oklahoma Interurban Traction Co., Oklahoma City, Okla.....	871
Oklahoma Ry. Co., Oklahoma City, Okla.....	878
Oklahoma Union Ry. Co., Tulsa, Okla.....	880
*Oklahoma Union Traction Co., Tulsa, Okla.....	880
*Oklmulgee Inter-Urban Ry. Co., Okmulgee, Okla.....	874
Okmulgee Trac. Co., Okmulgee, Okla.....	784
*Old Amelia Beach Co., Fernandina, Fla.....	123
Oley Valley Ry. Co., Reading, Pa.....	1008
Olympia Light & Power Co., Olympia, Wash.....	1169
Omaha & Council Bluffs Ry. & Bridge Co., Council Bluffs, Ia.....	808
Omaha & Council Bluffs Street Ry. Co., Omaha, Neb.....	564
*Omaha, Council Bluffs & Suburban Street Ry. Co., Omaha, Neb.....	564
Omaha, Lincoln & Beatrice Ry. Co., Lincoln, Neb.....	568
Omaha & Lincoln Ry. & Light Co., Ralston, Neb.....	566
Omaha & Southern Interurban Ry. Co., Omaha, Neb.....	565
Ontario Light & Traction Co., Canandaigua, N. Y.....	686

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*Ontario & San Antonio Heights R. R. Co., Los Angeles, Cal.....	48
Orange County Traction Co., Newburgh, N. Y.....	662
*Orange & Passaic Valley Ry. Co., Newark, N. J.....	608
Oregon Electric R. R. Co., Portland, Ore.....	884
*Oregon Short Line Ry., Caldwell, Ida.....	154
Orleans-Kenner Electric Railway Co., New Orleans, La.....	369
*Orleans R. R. Co., New Orleans, La.....	368
Oshawa Ry. Co. (The), Oshawa, Ont., Can.....	1274
*Oshkosh-Neenah Interurban Line, Oshkosh, Wis.....	1228
*Oshkosh Street Ry., Oshkosh, Wis.....	1228
*Oshkosh & Omra Interurban Line, Oshkosh, Wis.....	1228
Oskaloosa & Buxton Electric Ry. Co., Oskaloosa, Ia.....	821
Oskaloosa Traction & Light Co., Oskaloosa, Ia.....	822
Otsego & Herkimer R. R. Co., Cooperstown, N. Y.....	689
Ottawa Electric Ry. Co. (The), Ottawa, Ont., Can.....	1278
Ottawa Trac. Co., Ltd., Ottawa, Ont., Can.....	1277
Ottumwa Ry. & Light Co., Ottumwa, Ia.....	822
Owensboro City R. R. Co., Owensboro, Ky.....	857
Oxford Elec. Co., Norway, Me.....	878
*Oxford, Westgrove & Avondale Street Ry. Co., Kennett Square, Pa.....	944
Pacific Coast Ry. Co. (Elec. Div.), San Luis Obispo, Cal.....	73
*Pacific Coast Pwr. Co., Seattle, Wash.....	1172
*Pacific Electric Ry., Los Angeles, Cal.....	48
Pacific Electric Ry. Co., Los Angeles, Cal.....	48
Pacific Gas & Electric Co., Sacramento, Cal.....	55
Pacific Northwest Traction Co. (Southern Div.), Seattle, Wash.....	1171
Pacific Northwest Traction Co. (Northern Div.), Bellingham, Wash.....	1168
Pacific Power & Light Co., Astoria, Ore.....	881
Pacific Traction Co., Tacoma, Wash.....	1177
Paducah Traction & Light Co., Paducah, Ky.....	859a
*Paducah Traction Co., Paducah, Ky.....	859a
Panama Electric Co., Panama, Panama.....	183c
Panama Trac. Co. Jamestown, N. Y.....	657a
Pan-Handle Traction Co., Wheeling, W. Va.....	1205
Paris Transit Co., Paris, Tex.....	1116
*Parkersburg, Marietta & Interurban Ry. Co., Parkersburg, W. Va.....	1197
*Park Point Traction Co., Duluth, Minn.....	508
*Parkside Transit Co., San Francisco, Cal.....	68
*Parsons Ry. & Light Co., Parsons, Kans.....	828
Pascagoula Street Ry. & Power Co., Pascagoula, Miss.....	525
Patterson Heights Street Ry. Co., Beaver Falls, Pa.....	897
Paul Smith's Electric Light, Power & R. R. Co., Saranac Lake, N. Y.....	744
*Pavonia Horee R. R. Co., Newark, N. J.....	602
*Pawcatuck Valley Street Ry. Co., Norwich, Conn.....	108
*Pawtucket Street Ry. Co., Providence, R. I.....	1052
*Peck R. R. Co., Los Angeles, Cal.....	48
Peck-Shannahan-Cherry, Inc., Syracuse, N. Y.....	763
Peekskill Lighting & R. R. Co., Peekskill, N. Y.....	739
Pekin Municipal Railway, Pekin, Ill.....	232
Pelham Park & City Island Ry., Inc., Boro. of Bronx, New York City.....	664
*Pembroke Street Ry. Co., Plymouth, Mass.....	451
Peninsular Ry. Co., San Jose, Cal.....	71
Penna.-New Jersey Ry. Co., Trenton, N. J.....	612
Penn Central Ry. Co., Johnstown, Pa.....	948
Pennsylvania Electric Co., Boro. of Manhattan, New York City.....	706
*Pennsylvania & Mahoning Valley Ry. Co., Youngstown, O.....	855
Pennsylvania & Maryland Street Ry. Co., Elk Lick, Pa.....	923
Pennsylvania & Ohio Ry. Co., Ashtabula, O.....	784
Pennsylvania Railroad (Paoli Elec. Div.), Philadelphia, Pa.....	975
Pennsylvania Tunnel & Terminal R.R. Co., Boro. of Manhattan, New York City..	687
*Penn Yan, Kenka Park & Branchport Ry. Co., Penn Yan, N. Y.....	734
Penn Yan & Lake Shore Ry., Penn Yan, N. Y.....	734
Pensacola Electric Co., Pensacola, Fla.....	127
*People's Electric Street Ry. Co. (of Rochester), New Brighton, Pa.....	968
People's R. R. Co., Fairhope, Ala.....	5
People's Railway Co., Dayton, O.....	813
*People's Railway Co., Wilmington, Del.....	113
People's Street Ry. Co. of Nanticoke and Newport, Wanamie, Pa.....	1088a
People's Traction Co., Galesburg, Ill.....	210
Peoria Ry. Co., Peoria, Ill.....	234
Peoria Railway Terminal Co., Peoria, Ill.....	235
Petaluma & Santa Rosa R. R. Co., Petaluma, Cal.....	53
Peterboro Radial Ry. Co. (The), Peterboro, Ont., Can.....	1278
*Petersburg & Appomattox Rv., Petersburg, Va.....	1151
Petersburg-Hopewell & City Point Ry. Co., Petersburg, Va.....	1151
*Philadelphia, Castle Rock & West Chester Ry. Co., Upper Darby, Pa.....	1027
Philadelphia Company, Pittsburgh, Pa.....	965
Philadelphia & Easton Electric Ry. Co., Doylestown, Pa.....	916
*Philadelphia & Easton Ry. Co., Doylestown, Pa.....	916
Philadelphia & Garrettsford St. Ry. Co., Upper Darby, Pa.....	1026
*Philadelphia & Lehigh Valley Traction Co., Allentown, Pa.....	893
Philadelphia Rys. Co., Philadelphia, Pa.....	975
Philadelphia Rapid Transit Co., Philadelphia, Pa.....	977
Philadelphia & West Chester Traction Co., Upper Darby, Pa.....	1027
*Philadelphia & West Chester Turnpike Road Co., Upper Darby, Pa.....	1027
Philadelphia & Western Ry. Co., Upper Darby, Pa.....	1026
*Phillipsburg Horse Car R. R. Co., Phillipsburg, N. J.....	686
Phillipsburg Transit Co., Phillipsburg, N. J.....	686

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Phoenix Railway Co. of Arizona, Phoenix, Ariz.....	18
Phoenixville-Valley Forge & Strafford Electric Ry. Co. (The), Phoenixville, Pa....	984
Pictou County Electric Co., Ltd., Stellarton, N. S., Can.....	1260
*Piedmont & Mountain View Ry., Oakland, Cal.....	52
Piedmont & Northern Ry. Co., Charlotte, N. C.....	765
*Piedmont Ry. & Electric Co., Burlington, N. C.....	764
*Piedmont Traction Co., Charlotte, N. C.....	765
Pier Railway Co., Port Arthur, Tex.....	1117
Pine Bluff Co. (The), Pine Bluff, Ark.....	80
*Piqua Street Ry., Dayton, O.....	809
*Pittsburgh & Allegheny Valley Traction Co., Pittsburgh, Pa.....	991
Pittsburgh & Beaver St. Ry. Co., Pittsburgh, Pa.....	986
*Pittsburgh & Birmingham Traction Co., Pittsburgh, Pa.....	990
*Pittsburgh & Butler Ry. Co., Pittsburgh, Pa.....	987
*Pittsburgh, Canonsburg & Washington Ry. Co., Pittsburgh, Pa.....	990
*Pittsburgh & Charleroi St. Ry., Pittsburgh, Pa.....	990
Pittsburgh County Ry. Co., McAlester, Okla.....	869
Pittsburgh, Harmony, Butler & New Castle Ry. Co., Pittsburgh, Pa.....	988
*Pittsburgh & Kansas City Ry. Co., Pittsburgh, Kans.....	41
*Pittsburgh, McKeesport & Connellsville St. Ry. Co., Pittsburgh, Pa.....	991
*Pittsburgh, McKeesport & Greensburg Ry. Co., Pittsburgh, Pa.....	991
Pittsburgh Mars & Butler Ry. Co., Pittsburgh, Pa.....	987
Pittsburgh Railways Co., Pittsburgh, Pa.....	990
*Pittsburgh Ry. & Light Co., Pittsburgh, Kans.....	841
Plattsburgh Traction Co., Plattsburgh, N. Y.....	785
*Pittsburgh Union Passenger Ry. Co., Pittsburgh, Pa.....	990
*Plymouth & Kingston Street Ry. Co., Plymouth, Mass.....	451
Plymouth & Larksville Ry. Co., Wilkes-Barre, Pa.....	1038
Plymouth & Sandwich Street Ry. Co., Plymouth, Mass.....	459
Plymouth & Shelby Traction Co. (The), Norwalk, O.....	889
Point Loma R. R. Co., San Diego, Cal.....	57
Point Pleasant Traction Co., Point Pleasant, N. J.....	608
Point Shirley Street Ry. Co., Winthrop, Mass.....	469
*Poland Street Ry. Co. (The), Youngstown, O.....	855
*Ponce Electric Co., Ponce, P. R.....	1044
Ponce Ry. & Light Co., Ponce, P. R.....	1044
Port Arthur Civic Railway, Port Arthur, Ont., Can.....	1279
Port Arthur Traction Co., Port Arthur, Tex.....	1118
*Port Carbon & Middleport Electric Ry. Co. (The), Pottsville, Pa.....	998
*Port Dalhousie, St. Catharines & Thorold Elec. St. Ry., St. Catharines, Ont., Can....	1280
*Port Huron, St. Clair & Marine City Ry., Detroit, Mich.....	479
*Port Jervis Electric Light, Power, Gas & R. R. Co's, Port Jervis, N. Y.....	787
Port Jervis Traction Co., Port Jervis, N. Y.....	787
*Portland, Eugene & Eastern Ry. Co., San Francisco, Cal.....	67
*Portland, Gray & Lewiston R. R., Lewiston, Me.....	876
*Portland-Lewiston Interurban R. R., Lewiston, Me.....	876
Portland & Oregon City Ry. Co., Portland, Ore.....	885
Portland Railway, Light & Power Co., Portland, Ore.....	886
*Portland R. R. Co., Portland, Me.....	879
Portland-Troutdale Electric Railway Co., Portland, Ore.....	867
Porto Rico Railways Co., Ltd., San Juan, P. R.....	1045
Porto Rico Ry., Light & Power Co., San Juan, P. R.....	1046
Portsmouth, Dover & York Street Ry., Dover, N. H.....	584a
Portsmouth Electric Branch of Boston & Maine R. R., Portsmouth, N. H.....	584
Portsmouth Street R. R. & Light Co. (The), Portsmouth, O.....	885
*Potomac Electric Power Co., Washington, D. C.....	119
Pottstown & Phoenixville Ry. Co., Pottstown, Pa.....	997
*Pottstown Passenger Ry. Co., Pottstown, Pa.....	997
*Pottstown & Reading Street Ry. Co., Pottstown, Pa.....	997
*Pottsville & Reading Ry. Co., Pottsville Pa.....	998
*Pottsville & St. Clair Elec. Ry., Pottsville, Pa.....	998
*Pottsville Union Traction Co., Pottsville, Pa.....	998
*Poughkeepsie City & Wappingers Falls Electric Ry. Co., Poughkeepsie, N. Y....	738
Poughkeepsie & Wappingers Falls Ry. Co., Poughkeepsie, N. Y.....	738
*Preston & Kitchener Street Ry., Galt, Ont., Can.....	1259
Princeton Power Co., Princeton, W. Va.....	1199
*Princeton Street Ry. Co., Trenton, N. J.....	613
*Providence & Burrillville Street Ry. Co., Providence, R. I.....	1059
Providence & Danielson Ry., Providence, R. I.....	1050
*Providence & Fall River Street Ry. Co., Swansea Centre, Mass.....	460
Providence, Warren & Bristol R. R., Providence, R. I.....	1051
*Public Service Co. (The), St. Cloud, Minn.....	511
Public Service Corporation of New Jersey, Newark, N. J.....	608
Public Service Investment Co., Boston, Mass.....	408
Public Service R. R. Co., Trenton, N. J.....	614
Public Service Ry. Co., Newark, N. J.....	609
Public Utilities Co., Evansville, Ind.....	265
Puebla Tramway Lt. & Pwr. Co., Puebla, Puebla, Mexico.....	1890
Puget Sound Electric Ry., Tacoma, Wash.....	1178
Puget Sound International Ry. & Power Co., Everett, Wash.....	1166
Puget Sound Traction, Light & Power Co. (Bellingham Div.), Bellingham, Wash....	1164
Puget Sound Traction, Light & Power Co., Seattle, Wash.....	1172
Putnam & Westchester Traction Co., Peekskill, N. Y.....	788
Quebec Railway, Light, Heat & Power Co., (The), Quebec, Que., Can.....	1303
Quebec Railway, Light & Power Co., Quebec, Que., Can.....	1303
*Quebec Street Ry. Co., Quebec, Que., Can.....	1303
*Queenstown Heights Bridge Co., Buffalo, N. Y.....	684
Quincy Ry. Co., Quincy, Ill.....	838

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*Radford Street Ry. Co., Radford, Va.....	115
Radford Water Power Co., Radford, Va.....	115
*Railroads & Power Development Co., Jersey City, N. J.....	595
Railway & Light Securities Co., Boston, Mass.....	40
*Rapid Railway Co., Cincinnati, O.....	79
*Rapid Railway, Detroit, Mich.....	47
*Rapid Transit Ry. Co., Dallas, Tex.....	109
*Rapid Transit Real Estate Corp'n, Minneapolis, Minn.....	51
*Rapid Transit Street Ry. Co., Newark, N. J.....	60
*Reading City Passenger Ry. Co., (The) Reading, Pa.....	100
*Reading & Southwestern Street Ry. Co., (The) Reading, Pa.....	100
*Reading & Temple Electric Ry. Co., (The) Reading, Pa.....	100
*Reading Traction Co., Reading, Pa.....	100
*Reading Transit Co., Reading, Pa.....	100
Reading Transit & Light Co., Reading, Pa.....	100
Reading Transit & Light Co. (Lebanon Div.), Reading, Pa.....	94
Reading Transit & Light Co. (Norristown Div.), Norristown, Pa.....	964
*Reading & Womelsdorf Electric Ry. Co., (The) Reading, Pa.....	100
*Redlands Central Ry. Co., Los Angeles, Cal.....	41
Regina Municipal Ry., Regina, Saskatchewan, Can.....	1807
Reno Traction Co., Reno, Nev.....	566
Republic Railway & Light Co., Youngstown, O.....	861
Rhode Island Co. (The), Providence, R. I.....	1053
*Rhode Island Suburban Ry. Co., Providence, R. I.....	1053
Richland Public Service Co., Mansfield, Ohio.....	827
Richmond Light & R. R. Co., Boro of Richmond, New York City.....	721
*Richmond Passenger & Power Co., Richmond, Va.....	1154
*Richmond & Petersburg Electric Ry. Co., Petersburg, Va.....	1156
*Richmond & Rappahannock River Ry. Co., Richmond, Va.....	1155
*Richmond Ry. & Viaduct Co., Richmond, Va.....	1156
Richmond-Seven Pines Ry. Co., Richmond, Va.....	1155
*Richmond Street & Interurban Ry. Co., Indianapolis, Ind.....	376
*Richmond Traction Co., Richmond, Va.....	1156
Rio Grande Valley Traction Co., El Paso, Tex.....	1101
*River Rouge Ry., Detroit, Mich.....	480
*Riverside & Arlington Ry. Co. (The), Los Angeles, Cal.....	48
*Riverside Traction Co., Newark, N. J.....	602
*Riverview Electric Street Ry. Co., New Brighton, Pa.....	963
Roanoke Ry. & Electric Co., Roanoke, Va.....	1158
*Roanoke Traction & Light Co., Philadelphia, Pa.....	979
*Rochester Electric Ry. Co., Rochester, N. Y.....	741
Rochester, Lockport & Buffalo R. R. Corporation, Rochester, N. Y.....	739
Rochester & Manitou R. R. Co., Rochester, N. Y.....	742
*Rochester & Monaca Electric Street Ry., New Brighton, Pa.....	963
*Rochester Ry. & Light Co., Canandaigua, N. Y.....	636
*Rochester, Syracuse & Eastern R. R., Syracuse, N. Y.....	750a
Rochester & Syracuse R. R. Co., Inc., Syracuse, N. Y.....	750a
Rockford City Traction Co., Rockford, Ill.....	239
Rockford & Interurban Ry. Co., Rockford, Ill.....	240
Rock Island Southern R. R. Co., Monmouth, Ill.....	226
Rock Island Southern Ry., Rock Island, Ill.....	242
Rockland, So. Thomaston & St. George Ry., Rockland, Me.....	882
*Rockland, Thomaston & Camden Street Ry. Co., Rockland, Me.....	883
*Rockville, Broad Brook & East Windsor St. Ry. Co., Warehouse Point, Conn.....	109
*Rohrerstown, Landisville & Mt. Joy Ry., Lancaster, Pa.....	946
*Rome City Street Ry. Co., Utica, N. Y.....	755
Rome Railway & Light Co., Rome, Ga.....	145
*Roxborough, Chestnut Hill & Norristown Ry. Co., Norristown, Pa.....	968
Rutland Ry. Light & Power Co., Rutland, Vt.....	1188
S	
St. Albans & Swanton Traction Co., St. Albans, Vt.....	1139
St. Augustine & South Beach Railway, St. Augustine, Fla.....	128
St. Charles Street R. R. Co., New Orleans, La.....	368
St. Clair Inclined Plane Co., Pittsburg, Pa.....	990a
St. Cloud Public Service Co., St. Cloud, Minn.....	511
St. Francois County R. R. Co., Farmington, Mo.....	531
St. Joe River Route, Benton Harbor, Mich.....	474
St. John Railway Co. (The), St. John, New Brunswick, Can.....	1948
St. Johns Electric Co., St. Augustine, Fla.....	128
St. Johns Street Ry. Co., St. Johns, Newfoundland, Can.....	1309
St. Joseph Ry., Light, Heat & Power Co., St. Joseph, Mo.....	541
*St. Joseph & Savannah Inter. Ry., St. Joseph, Mo.....	541
St. Louis & Belleville Electric Ry. Co., E. St. Louis, Ill.....	202
St. Louis & East St. Louis Electric Ry. Co., East St. Louis, Ill.....	203
St. Louis Electric Terminal Ry. Co., St. Louis, Mo.....	543
St. Louis & Jennings Railway, St. Louis, Mo.....	544
*St. Louis, Springfield & Peoria R. R., Peoria, Ill.....	333
St. Louis Water Works Ry. (Munic.), St. Louis, Mo.....	546
*St. Paul City Ry. Co. (The), Minneapolis, Minn.....	510
St. Paul Southern Electric Ry. Co., St. Paul, Minn.....	513
St. Petersburg & Gulf Rv. Co., St. Petersburg, Fla.....	129a
St. Petersburg-Tampa Railway, St. Petersburg, Fla.....	129b
St. Simons Ry. Co., St. Simons Island, Ga.....	146
*St. Stephen Electric Railway (St. Stephen, N. B. Can.), Calais, Me.....	373
St. Tammany & New Orleans Ry. & Ferry Co., Mandeville, La.....	364
St. Thomas Street Ry. (Munic.), St. Thomas, Ont., Can.....	1291
*Saanich Interurban Line, Victoria, B. C., Can.....	1243
Sacramento Northern Railroad, Sacramento, Cal.....	55a
Saginaw-Bay City Ry. Co., Saginaw, Mich.....	500
Salem & Penns Grove Trac. Co., Penns Grove, N. J.....	605

* This company is either operated by or consolidated with the company whose

Salina Street Railway Co., Salina, Kans.....	342
*Salisbury & Spencer Ry. Co., Salisbury, N. C.....	769
Salt Lake, Garfield & Western Ry. Co., Salt Lake City, Utah.....	1128
*Salt Lake Light & Traction Co., Salt Lake City, Utah.....	1131
*Salt Lake & Ogden Ry. Co., Salt Lake City, Utah.....	1129
Salt Lake & Utah R. R. Co., Salt Lake City, Utah.....	1130
San Antonio Public Service Co., San Antonio, Tex.....	1121
San Antonio, San Jose & Medina Valley Interurban Ry., San Antonio, Tex.....	1120
*San Antonio Traction Co., San Antonio, Tex.....	1121
*San Bernardino Inter-Urban Ry. Co., Los Angeles, Cal.....	48
*San Bernardino Valley Traction Co., (The), Los Angeles, Cal.....	48
San Diego & Arizona Ry. Co., San Diego, Cal.....	59
San Diego Electric Ry. Co., San Diego, Cal.....	58
*San Diego & South Eastern Ry. Co., San Diego, Cal.....	59
Sand Springs Railway Co., Tulsa, Okla.....	878
Sandusky, Fremont & Southern Ry. Co. (The), Sandusky, O.....	837
Sandusky, Norwalk & Mansfield Electric Ry. Co., (The), Norwalk, O.....	683
Sandwich, Windsor & Amherstburg Ry., Windsor, Ont., Can.....	1293
*Sandy Spring Ry. Co., Kensington, Md.....	396
*Sanford & Cape Porpoise Ry., Sanford, Me.....	384
*San Francisco Electric Rys., San Francisco, Cal.....	68
San Francisco, Napa & Calistoga Ry., Napa, Cal.....	50
*San Francisco, Oakland & San Jose Consolidated Ry., Oakland, Cal.....	52
San Francisco, Oakland & San Jose Ry., Oakland, Cal.....	52
San Francisco-Oakland Terminal Railways, Oakland, Cal.....	52
San Jose Railroads, San Jose, Cal.....	72
*Santa Barbara Consolidated R. R. Co. (The), Santa Barbara, Cal.....	74
Santa Barbara & Suburban Ry. Co., Santa Barbara, Cal.....	74
*Santa Cruz, Capitola & Watsonville Ry. Co., Santa Cruz, Cal.....	75
*Santa Cruz Electric Ry. Co., Santa Cruz, Cal.....	75
Sapulpa Elec. Interurban Ry., Sapulpa, Okla.....	875
*Sapulpa & Interurban Ry. Co., Sapulpa, Okla.....	875
*Saratoga Northern Ry., Glens Falls, N. Y.....	646
*Saratoga Traction Co., Glens Falls, N. Y.....	646
Sarnia Street Ry. Co., Ltd., Sarnia, Ont., Can.....	1282
Saskatoon Municipal Ry., Saskatoon, Saskatchewan, Can.....	1309
Sault Ste. Marie Traction Co., Sault Ste. Marie, Mich.....	501
Savannah Electric Co., Savannah, Ga.....	147
Schenectady Railway Co., Schenectady, N. Y.....	745
Schomberg & Aurora Ry., Toronto, Ont., Can.....	1285
*Schuylkill Electric Ry. Co., Pottsville, Pa.....	993
*Schuylkill, Haven & Orwigsburg Street Ry. Co., Pottsville, Pa.....	998
Schuylkill Railway Co., Girardville, Pa.....	928
*Schuylkill Valley Traction Co., Norristown, Pa.....	968
Scioto Valley Traction Co., Columbus, O.....	805
Scranton & Binghamton Ry. Co., Scranton, Pa.....	1011
Scranton & Binghamton R. R. Co., Scranton, Pa.....	1007
Scranton & Binghamton Traction Co. (The), Scranton, Pa.....	1008
*Scranton & Carbondale Traction Co., Scranton, Pa.....	1009
*Scranton, Dunmore & Moosic Lake R. R., Scranton, Pa.....	1009
*Scranton & Northeastern R. R., Scranton, Pa.....	1006
Scranton Railway Co., Scranton, Pa.....	1009
Scranton & Wilkes-Barre Traction Corp., Scranton, Pa.....	1012
*Sea Beach Ry. Co., Brooklyn, N. Y.....	665
*Seacoast Traction Co., Asbury Park, N. J.....	582
*Seabrook & Hampton Beach Street Ry. Co., Haverhill, Mass.....	427
*Seashore Electric Ry., Asbury Park, N. J.....	585
*Sea Shore Municipal R. R. Co., Freeport, N. Y.....	644
Sea View R. R. Co., Wakefield, R. I.....	1053a
Seattle Municipal Street Ry., Seattle, Wash.....	1173
Seattle & Rainier Valley Ry., Seattle, Wash.....	1174
*Seattle, Renton & Southern Ry. Co., Seattle, Wash.....	1174
*Seattle-Tacoma Pwr. Co., Seattle, Wash.....	1172
Second Ave. R. R. Co., Boro. of Manhattan, New York City.....	688
Selma Electric Railway Co., Selma, Ala.....	13
*Selma Traction Co., Selma, Ala.....	13
Shamokin & Edgewood Electric Ry. Co., Shamokin, Pa.....	1014
*Shamokin & Mt. Carmel Electric Ry. Co., Mt. Carmel, Pa.....	962
Shamokin & Mt. Carmel Transit Co., Mt. Carmel, Pa.....	962
Sharon & New Castle Ry. Co. of Ohio (The), New Castle, Pa.....	965
Sharon & New Castle Street Ry. Co., New Castle, Pa.....	965
Shawnee-Tecumseh Traction Co., Shawnee, Okla.....	876
Shawinigan Falls Terminal Ry., Montreal, Que., Can.....	1201
*Sheboygan Electric Co., Sheboygan, Wis.....	1229
Sheffield Co., (The), Sheffield, Ala.....	14
Shelburne Falls & Colerain Street Ry. Co., Shelburne Falls, Mass.....	456
Shenandoah Traction Co., Staunton, Va.....	1159
Sherbrooke Railway & Power Co., Sherbrooke, Que., Can.....	1204
Sheridan Ry. Co., Sheridan, Wyo.....	1234
*Sheridan Ry. & Light Co., Sheridan, Wyo.....	1234
*Shinglehouse R. R., Olean, N. Y.....	727
Shore Line Electric R. R. Co., White Plains, N. Y.....	758
Shore Line Electric Ry. Co. (The), Norwich, Conn.....	108
Shreveport Railways Co., Shreveport, La.....	370
*Shreveport Traction Co., Shreveport, La.....	370
Sioux City Service Co., Sioux City, Ia.....	325
Sioux Falls Traction System, Sioux Falls, So. Dak.....	1063
Slate Belt Electric Street Ry. Co., Pen Argyl, Pa.....	971
*Sociedad Anonima Tranvia de Mayaguez, Mayaguez, P. R.....	1043
*Somers & Enfield Electric Ry. Co., Warehouse Point, Conn.....	109

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

Somerset Traction Co., Skowhegan, Me.....	885
*South Bend, La Porte & Michigan City Ry. Co., South Bend, Ind.....	291
*South Bend & Southern Michigan Ry. Co., South Bend, Ind.....	292
*South Bethlehem & Hellertown Street Ry. Co., Allentown, Pa.....	893
South Bethlehem & Saucon Street Ry. Co., South Bethlehem, Pa.....	1016
*South Brooklyn Ry. Co., Boro. of Brooklyn, New York City.....	655
South Carolina Light, Power & Ry. Co., Spartanburg, S. C.....	1060
South Covington & Cincinnati Street Railway Co. (The), Covington, Ky.....	850
South Morgantown Traction Co., Morgantown, W. Va.....	1194
South New Orleans Lt. & Trac. Co., Algiers, La.....	861a
*South Orange & Maplewood Traction Co., Newark, N. J.....	603
*South Park & East Side Ry., San Diego, Cal.....	78
South San Francisco R. R. & Power Co., San Francisco, Cal.....	76
*South Shore Traction Co., Boro. of Manhattan, New York City.....	680
South Side Elevated R. R. Co., Chicago, Ill.....	167
South Side Passenger Ry. Co., Williamsport, Pa.....	1037
Southfield Beach R. R. Co., Boro. of Richmond, New York City.....	722
Southeastern Ohio Ry. Co., Zanesville, O.....	662
*Southeastern Ohio Ry., Light & Power Co. (The), Zanesville, O.....	862
*Southern Boulevard R. R., Boro. of Bronx, New York City.....	673
Southern Cambria Ry. Co., Johnstown, Pa.....	942
Southern Illinois Light & Power Co., Hillsboro, Ill.....	214
Southern Illinois Ry. & Power Co., Harrisburg, Ill.....	212
*Southern Iowa Railway & Light Co., Albia, Ia.....	297
Southern Light & Traction Co., Boro. of Manhattan, New York City.....	707
Southern Michigan Ry. Co., South Bend, Ind.....	292
Southern New York Power & Ry. Corp., Cooperstown, N. Y.....	639
*Southern Ohio Traction Co., Hamilton, O.....	821
Southern Oregon Traction Co., Medford, Ore.....	862
Southern Pacific Co. (Elec. Divs.), San Francisco, Cal.....	67
Southern Pacific Co. (Portland, Div.), Portland, Ore.....	888
Southern Pennsylvania Traction Co., Chester, Pa.....	910
Southern Public Utilities Co., Charlotte, N. C.....	766
Southern R. R. Co., Winfield, Kan.....	843
Southern Ry. & Light Co., Natchez, Miss.....	524
Southern Street Ry. Co., Chicago, Ill.....	186
Southern Trac. Co. of Illinois, E. St. Louis, Ill.....	204
Southern Traction Co., Inc., Bowling Green, Ky.....	348
*Southern Traction Co., Dallas, Tex.....	1087
*Southern Traction & Power Co., Alexandria, La.....	361
*Southern Wis. Ry. Co., Madison, Wisc.....	1224
Southwest Missouri R. R. Co. (The), Webb City, Mo.....	552
Southwestern Gas & Electric Co. (Texarkana Div.), Texarkana, Ark.....	81
*Southwestern Interurban Ry. Co., Winfield, Kans.....	347
Southwestern Pwr. & Lt. Co., Boro. of Manhattan, New York City.....	708
Southwestern Traction Co., Temple, Tex.....	1122
*Southwestern Utilities Corp., Boro. of Manhattan, New York City.....	699
Spokane & Inland Empire R. R. Co., Spokane, Wash.....	1175
*Spokane & Inland Ry. Co., Spokane, Wash.....	1175
*Spokane Terminal Co., Spokane, Wash.....	1175
*Spokane Traction Co., Spokane, Wash.....	1175
Springfield Consolidated Ry. Co., Springfield, Ill.....	245
Springfield Electric Ry. Co., Charlestown, N. H.....	871
*Springfield Electric Ry. Co., Springfield, O.....	840
Springfield Electric Ry. Co., Springfield, Vt.....	1140
*Springfield & Northeastern Trac. Co., Peoria, Ill.....	838
Springfield Ry. Co., Springfield, O.....	840
Springfield Railway Companies., Springfield, Mass.....	459
Springfield Ry. & Light Co., Springfield, Mo.....	550
Springfield Street Ry. Co., Springfield, Mass.....	457
Springfield Term. Ry. & Pwr. Co., Springfield, O.....	841
Springfield Traction Co., Springfield, Mo.....	551
*Springfield, Troy & Piqua Ry. Co., Springfield, O.....	841
Springfield & Washington Ry. Co. (The), South Charleston, O.....	888
*Springfield & Western Ry. (The), Springfield, O.....	839
Springfield & Xenia Ry. Co., Springfield, O.....	842
Stark Electric R. R. Co., Alliance, O.....	781
*Staten Island Electric R. R. Co., Boro. of Richmond, New York City.....	721
Staten Island Midland Ry., Boro. of Richmond, New York City.....	723
Sterling, Dixon & Eastern Electric Ry. Co., Dixon, Ill.....	198
Stebenville, East Liverpool & Beaver Valley Trac. Co., East Liverpool, O.....	815
*Stebenville & East Liverpool Railway & Light Co. (The), East Liverpool, O.....	815
*Stebenville Ry. Co., Pittsburg, Pa.....	961
Stebenville, Wellsburg & Wierion Ry., Wellsburg, W. Va.....	1208
Stebenville & Wheeling Traction Co., (The), Wheeling, W. Va.....	1208
*Stillwater & Mechanicsville Street Ry. Co., Glens Falls, N. Y.....	648
Stockton Electric R. R. Co., Stockton, Cal.....	77
Stone Harbor Terminal R. R. Co., Stone Harbor, N. J.....	611
Stone & Webster, Boston, Mass.....	410
*Stroudsburg Passenger Ry. Co., Stroudsburg, Pa.....	1017
Stroudsburg Trac. Co., Stroudsburg, Pa.....	1017
*Stroudsburg, Water Gap & Portland Ry. Co., Stroudsburg, Pa.....	1617
*Suburban R. R. Co., Chicago, Ill.....	120
Suburban Rapid Transit Co., Winnipeg, Man., Can.....	1247
*Suburban Rapid Transit Street Ry. Co., Pittsburg, Pa.....	960
Sudbury, Copper Cliff Suburban Elec. Ry., Sudbury, Ont., Can.....	1264
Suffolk Traction Co., Patchogue, N. Y.....	721
*Sunbury, Lewisburg & Milton Ry. Co., Sunbury, Pa.....	1619
*Sunbury & Selinsgrove Electric St. Ry. Co., Sunbury, Pa.....	1619
Sunbury & Susquehanna Ry., Sunbury, Pa.....	1619

* This company is either operated by or consolidated with the company whose number follows, and will be found under that number.

*Superior Rapid Transit Co., Duluth, Minn.....	505
Susquehanna Traction Co., Lock Haven, Pa.....	953
Swansea & Seekonk St. Ry., Swansea Centre, Mass.....	460
*Sydney & Glace Bay Ry. Co., Ltd., Sydney, N. S., Can.....	1251
Syracuse & Northern Elec. Ry., Syracuse, N. Y.....	751
*Syracuse & South Bay Electric R.R. Co., Syracuse, N. Y.....	751
Syracuse & Suburban R. R. Co., Syracuse, N. Y.....	752
*Syracuse, Watertown & St. Lawrence River R. R. Co., Syracuse, N. Y.....	751
Tacoma Ry. & Power Co., Tacoma, Wash.....	1179
Tacoma Munic. Ry., Tacoma, Wash.....	1176a
Tallahassee Falls Railway, Clarksville, Ga.....	137
*Tama & Toledo Electric Ry. & Lt. Co., Cedar Rapids, Ia.....	302
*Tamaqua & Pottsville Electric R. R. Co., Pottsville, Pa.....	998
Tampa Electric Co., Tampa, Fla.....	130
Tampa & Sulphur Springs Traction Co., Tampa, Fla.....	180
Tampico Elec. Lt., Pwr. & Trac. Co., Ltd., Tampico, Tamaulipas, Mex.....	1224
Tarentum, Brackenridge & Butler Street Ry. Co., Tarentum, Pa.....	1021
Tarrant County Traction Co., Fort Worth, Tex.....	1104
*Tarrytown, White Plains & Mamaroneck Ry. Co., White Plains, N. Y.....	758
Tazewell Street Ry. Co., Tazewell, Va.....	1160
*Templeton Street Ry. Co., Athol, Mass.....	398
Tennessee Railway, Light & Power Co., Chattanooga, Tenn.....	1068
Tenney & Co., Charles H., Boston, Mass.....	411a
*Terminal R. R. Association of St. Louis, East St. Louis, Ill.....	203
*Terre Haute Electric Traction Co., Terre Haute, Ind.....	293
Terre Haute, Indianapolis & Eastern Traction Co., Indianapolis, Ind.....	276
Terre Haute Traction & Light Co., Terre Haute, Ind.....	293
*Terre Haute & Western Ry. Co., Terre Haute, Ind.....	293
Texas City Street Ry. Co., Texas City, Tex.....	1123
Texas Electric Ry., Dallas, Tex.....	1097
*Texas Traction Co., Dallas, Tex.....	1097
Third Ave. Ry. Co., Boro. of Manhattan, New York City.....	659
Three River Trac. Co., Three Rivers, Que., Can.....	1305
Tidewater Power Co., Wilmington, N. C.....	778
Tidewater Southern Ry. Co., Stockton, Cal.....	78
Tiffin, Fostoria & Eastern Electric Ry. Co. (The), Tiffin, O.....	846
Titusville & Cambridge R. R. Co., Titusville, Pa.....	1022
Titusville Traction Co., Titusville, Pa.....	1023
Toledo, Bowling Green & Southern Traction Co., Findlay, O.....	816
*Toledo, Fayette & Western Ry., Toledo, O.....	852
T. Mdo, Fostoria & Findlay Ry. Co., Fostoria, O.....	819
Toledo & Indiana R. R. Co. (The), Toledo, O.....	849
*Toledo & Indiana Traction Co., Toledo, O.....	849
*Toledo & Maumee Valley Ry. Co., Toledo, O.....	847
*Toledo & Monroe Ry. Co., Detroit, Mich.....	478
Toledo, Ottawa Beach & Northern Ry. Co. (The), Toledo, O.....	850
Toledo Railways & Light Co., Toledo, O.....	851
*Toledo Traction Co., Toledo, O.....	851
*Toledo Traction, Light & Power Co., Boro. of Manhattan, New York City.....	696
*Toledo, Waterville & Southern Ry., Toledo, O.....	847
Toledo & Western R. R. Co., Toledo, O.....	852
*Toledo & Western Ry. Co., Toledo, Ohio.....	852
Topeka Ry. Co. (The), Topeka, Kans.....	344
Toronto Civic Ry. (Munic.), Toronto, Ont., Can.....	1286
Toronto Railway Co., Toronto, Ont., Can.....	1287
Toronto Suburban Ry. Co., Toronto, Ont., Can.....	1288
Toronto & York Radial Ry. Co., Toronto, Ont., Can.....	1289
Towson & Cockeyville Electric Ry. Co., Towson, Md.....	397
*Trans-St. Mary's Traction Co., Sault Ste. Marie, Mich.....	501
*Transit Supply Co. (The), Minneapolis, Minn.....	510
*Tranvia de Juanacatlan, Guadalajara, Mex.....	1315
*Tranvia de Matanzas (The), Matanzas, Cuba.....	1332
Tranvia Electrico de Cardenas, S. A., Cardenas, Cuba.....	1333
Tranvias de Toluca, Toluca, Mex.....	1317
*Trappe & Limerick Electric Street Ry. Co., Norristown, Pa.....	968
Trenton, Bristol & Philadelphia St. Ry. Co., Philadelphia, Pa.....	978
*Trenton City Bridge Co., Trenton, N. J.....	612
*Trenton, Hamilton & Ewing Traction Co., Trenton, N. J.....	616
*Trenton, Lakewood & Atlantic Ry. Co., Lakewood, N. J.....	598
Trenton, Lakewood & Seacoast Ry. Co., Lakewood, N. J.....	598
Trenton, Lawrenceville & Princeton R. R. Co., Trenton, N. J.....	616
Trenton & Mercer County Traction Corp., Trenton, N. J.....	616
*Trenton, Pennington & Hopewell St. Ry. Co., Trenton, N. J.....	616
Trenton Street Ry. Co., Trenton, N. J.....	617
*Trenton Terminal R. R. Co., Trenton, N. J.....	614
Tri-City Railway Co. of Illinois, Rock Island, Ill.....	243
Tri-City Ry. Co. of Iowa, Davenport, Ia.....	310
Tri-City Ry. & Light Co., Davenport, Ia.....	311
Trinidad Electric Co., Ltd., The Port-of-Spain, Trinidad.....	1235
Trinidad Electric Transmission, Railway & Gas Co., Trinidad, Colo.....	91
*Troy & Cohoes R. R. Co., Albany, N. Y.....	623
Troy & New England Ry. Co., Troy, N. Y.....	754
*Troy, Tippecanoe & Dayton Interurban Ry. Co. (The), Dayton, O.....	609
Tucson Rapid Transit Co., Tucson, Ariz.....	19
Tulsa Street Ry. Co., Tulsa, Okla.....	679
*Tulsa Traction Co., (The), Tulsa, Okla.....	680
Tuscaloosa Ry. & Utilities Co., Tuscaloosa, Ala.....	15
*Tuscarawas Traction Co. (The), Akron, O.....	779

* This company is either operated by or consolidated with the company whose number follows and will be found under that number.

*Wilmington & Edgemoor Electric Ry. Co., Wilmington, Del.....	11
Wilmington, New Castle & Delaware City Ry. Co., New Castle, Del.....	11
Wilmington & Philadelphia Traction Co. (The), Wilmington, Del.....	11
*Wilmington Southern Traction Co., New Castle, Del.....	11
Windsor, Essex & Lake Shore Rapid Ry. Co. (The), Kingsville, Ont., Can.....	123
*Windsor Locks Traction Co., Warehouse Point, Conn.....	10
Windsor & Tecumseh Electric Ry. Co. (The), Walkerville, Ont., Can.....	129
Winnipeg Electric Ry. Co., Winnipeg, Man., Can.....	124
Winnipeg, Selkirk & Lake Winnipeg Ry. Co., Winnipeg, Man., Can.....	124
*Winnisimmet R. R. Co., Boston, Mass.....	40
Winona Interurban Ry. Co., Warsaw, Ind.....	29
*Winona Railway & Light Co., Winona, Minn.....	51
*Winona & Warsaw Ry., Warsaw, Ind.....	29
Wisconsin Edison Co., Inc. (The), Boro. of Manhattan, New York City.....	71
*Wisconsin Elec. Ry. Co., Sheboygan, Wis.....	122
Wisconsin Gas & Electric Co., Kenosha, Wis.....	123
Wisconsin-Minnesota Light & Power Co., Eau Claire, Wis.....	121
Wisconsin Public Service Co., Green Bay, Wis.....	121
Wisconsin Ry., Light & Power Co., Winona, Minn.....	51
Wisconsin Securities Co., Milwaukee, Wis.....	1237
Wisconsin Traction, Light, Heat & Power Co., Appleton, Wis.....	121
Wisconsin Valley Elec. Co., Wausau, Wis.....	122
*Wisahickon Elec. Pass. Ry. Co., Norristown, Pa.....	90
Woodlawn & Southern Street Ry., Pittsburg, Pa.....	90
Woodstock, Thames Valley & Ingersoll Electric Ry. Co., Woodstock, Ont., Can.....	120
*Woonsocket Street Ry. Co., Providence, R. I.....	105
Worcester Consolidated Street Ry. Co., Worcester, Mass.....	47
*Worcester & Shrewsbury R. R., Worcester, Mass.....	47
*Worcester & Shrewsbury Street Ry., Worcester, Mass.....	47
Worcester & Warren Street Railway Co., Brookfield, Mass.....	41
Worcester & Webster Street Ry. Co., Webster, Mass.....	46
Yakima Valley Transportation Co., North Yakima, Wash.....	1181
Yarmouth Light & Power Co., Ltd., Yarmouth, N. S., Can.....	125
*Yarmouth Street Ry. Co., Ltd., Yarmouth, N. S., Can.....	125
Yonkers Railroad Co., Yonkers, N. Y.....	76
York Rys. Co., York, Pa.....	104
Youngstown Municipal Ry., Youngstown, Ohio.....	854
*Youngstown & Niles Ry., Youngstown, O.....	854
Youngstown & Ohio River R. R. Co. (The), Leetonia, O.....	822
*Youngstown & Ohio River Ry. & Light Co., Leetonia, O.....	822
*Youngstown Park & Falls St. Ry. Co. (The), Youngstown, O.....	854
*Youngstown & Sharon Street Ry. Co. (The), Youngstown, O.....	854
*Youngstown & Southern Ry. Co., Youngstown, O.....	804
Youngstown & Suburban Ry. Co., Youngstown, O.....	804
*Yumuri, Matanzas & Ballamar Ry., Matanzas, Cuba.....	132
*Zanesville Ry., Light & Power Co., Springfield, O.....	89

*The Company is either operated by or consolidated with the company whose number follows, and will be found under that number.

ALPHABETICAL LIST

OF

Electric Railway Officials

IN THE

United States, Canada, Mexico and West Indies,

The figure following the name corresponds with the number of the railway with which the official is connected, as shown in the geographical list, and will be found under that number.

Aage, R. L.	521	Alexander, A. G.	1279	Anderson, S. H.	48
Aaron, Marcus	1196	Alexander, A. S.	510a	Anderson, Sidney S.	
Abbot, W. M.	68	Alexander, E. W.	1184		1290, 1293
Abbot, Wm. N.	76	Alexander, G. M.		Anderson, W. A.	685
Abbott, G. E.	1233		1187, 1197	Anderson, W. B.	127
Abbott, G. M.	349	Alexander, H. J.	86	Anderson, W. H.	84
Abbott, Gordon	406	Alexander, J. L.	1100	Anderson, Walter E.	536
Abbott, W. D.	1329	Alexander, John H.	797	Anderson, Wm.	1232
Abel, Howard	665, 667, 670	Alexander, Norman S.	973	Andrews, George	971
Abell, H. A.	741	Alexander, R. R.	283	Andrews, J. K.	706
Abell, H. C.	692, 1121	Alexander, V. M.	235	Andrews, S. P.	1041
Abelson, N.	749	Alexander, W. C.	228, 228a	Andrist, Charles M.	506
Abercrombie, D. P. Jr.		Alexandra, E. D.	208	Andrix, E. R.	802
	398, 424, 425, 437	Alger, A. B.	1141	Andrus, L. B.	1229
Abercrombie, J. R.	541	Allaman, D. W.	879	Andrus, W. G.	639
Achelpohl, W. J.		Allbritton, L. L.	1126	Angus, W. G.	1263
	209, 229, 230, 238, 566	Alle, C. V.	1178	Annable, F. L.	48
Achulze, J. O.	507	Allegaert, E. J.	603	Annaford, Foster,	510
Ackerman, E. O.	802	Allen, A. W.	1126	Anraus, L. B.	485
Ackerman, M.	821	Allen, C. H.	249	Apgar, H. D.	365
Ackerman, Otto	513	Allen, C. Loomis	752	Appel, Jno. J.	276
Adair, W. R.	987	Allen, C. S.	765	Apple, S. A.	863
Adams, E. H.	1242	Allen, E. C.	301	Applegate, George	605
Adams, E. W.	175	Allen, Glenn H.	1129	Appiewhite, S. P.	17
Adams, Edward D.	194	Allen, Horace E.	500	Appleyard, A. E.	508
Adams, Frank	1017	Allen, J. M.	768	Apted, W. M.	481
Adams, George J.	975	Allen, J. Walter	402	Aragón, Andrés	1332
Adams, Gideon	607	Allen, John Kay	768	Archer, L. H.	523
Adams, H. B.	162	Allen, M. L.	1129	Archibald, G. D.	1308
Adams, H. H.	178	Allen, P. W.	89	Argabrite, C. C.	275
Adams, J. L.	83, 86, 1028	Allen, Thomas	79	Arkwright, P. S.	133, 134
Adams, John H.	1159	Alley, Henry T.	834	Arming, A. H.	699
Adams, Julian	48	Alley, W. C.	1149	Armitage, Percival	966
Adams, Melvin O.	469	Allison, H. O.	963	Armleader, Otto	821
Adams, T.	365	Allport, J. H.	970	Armstrong, Alex	395
Adams, Walter L.	439, 467	Allshouse, Wm.	963	Armstrong, E. C.	770
Adamson, Wm.	17	Allyn, A. C.	192, 314	Armstrong, F. J.	448
Addison, C. L.		Alker, H. J.	266	Armstrong, F. S.	223
	645, 649, 652, 716, 717, 718, 720, 725, 746	Almont, J. J.	339	Armstrong, H. N.	669
Adkins, Jas.	542, 547	Alspach, L. A.	48	Armstrong, J. C.	975
Adler, C.	680	Alvarez, Jose	1315	Armstrong, J. M.	136
Adsit, Charles	651	Alvey, J. W.	265	Armstrong, J. V.	1242
Aguirre, Frank M.	1329	Ames, A. E.	505	Armstrong, Mary R.	953
Anguilar, Eduardo I.	1315	Ames, F. M.	848	Armstrong, R. D.	359b
Ahearn, T.	1276, 1277	Ames, H.	1207	Armstrong, S. P.	330
Ahern, J. M.	1276	Amesbury, B. C.	741	Armstrong, Thomas A.	503
Ahrens, Howard E.	891	Amezaga, Luis	1332	Armstrong, W. H.	1243
Aiken, Chas.	969	Ammenhauser, Wm.	773	Arney, W. E. Roy	494
Aiken, F. D.	136	Anders, Daniel M.	966	Arnold, B. J.	181
Aikens, H. Hayes	1025, 1027	Anderson, A. C.	318	Arnold, B. W.	1215
		Anderson, A. E.	88	Arnold, E. W.	1228
Ainesworth, Deane R.	456	Anderson, Clark G.	309	Arnold, H. J.	145
Aitken, J. H.	745	Anderson, E. O.	242	Arnold, R. G.	181
Alberger, W. R.	52	Anderson, Edward	482	Arnold, W. L.	181
Albers, W. H.	790	Anderson, Geo. F.	882a	Arnstein, W.	51
Albert, E. T.	39	Anderson, H. D.		Arthur, R. G.	17
Alberton, Joseph	594		597, 979, 981	Asay, A. R.	585
Albin, H. A.	924, 925	Anderson, H. P.	1153	Ashbrook, Claude	821
Albl, Emil	1213	Anderson, J. H.	558	Ashley, H. L.	1331
Alcalde, Alfredo	1315	Anderson, J. J.	150	Ashtown, Cecil S.	694
Alcantara, E.	1317	Anderson, J. R.	1065	Aspnes, E. A.	1231
Alden, E. H.	1183	Anderson, J. W.	931	Aston, T. G.	1176
Alden, Wm. M.	419	Anderson, James	1290, 1293	Atchley, E. B.	536
Aldrich, H.	573	Anderson, Jas. P.	975	Atherton, C. H.	151
Aldrich, H. E.		Anderson, John	1220, 1227	Atherton, F. B.	920
	1002, 1003, 1004	Anderson, O. V.	1287	Atkins, J. W.	147
Alernany, Guillermo	1333	Anderson, R. A.	584	Atkinson, C. E.	291
Alexanda, E. B.	198	Anderson, R. K.	517	Atwood, W. B.	1205
		Anderson, R. R.	1052	Auer, Francisco	1300

*Twenty-Eighth & Twenty-Ninth Sts. Crosstown R. R. Co., Boro. of Manhattan, New York City.....	6
*Twin City Electric Co., Raymond, Wash.....	11
Twin City Rapid Transit Co., Minneapolis, Minn.....	5
*Twin City Traction Co. (The), Coshocton, O.....	80
Twin Falls Railroad Co., Twin Falls, Ida.....	1
Twin State Gas & Electric Co. (Brattleboro Div.), Brattleboro, Vt.....	11
Tyler Traction Co., Sistersville, W. Va.....	12
Uncanoonuc Incline Railway & Development Co., Manchester, N. H.....	5
Union Consolidated Elevated Ry. Co., Chicago, Ill.....	1
Union Depot Bridge & Terminal Co., Kansas City, Mo.....	53
*Union Elevated R. R. Co., Chicago, Ill.....	1
Union Light & Power Co., Junction City, Kans.....	3
*Union Loop System, Chicago, Ill.....	1
*Union Power Co., St. Cloud, Minn.....	5
*Union Railroad Co., Providence, R. I.....	10
Union Railway Co., Borough of Bronx, New York City.....	6
*Union Ry. Co. of Chester, Chester, Pa.....	91
Union Ry., Gas & Electric Co., Rockford, Ill.....	2
Union Street Ry. Co., New Bedford, Mass.....	4
*Union Street & Suburban Ry., Union, Ore.....	81
*Uniontown Radial St. Ry. Co., Pittsburg, Pa.....	91
Union Traction Co. of Indiana, Anderson, Ind.....	2
*Union Traction Co., Philadelphia, Pa.....	97
Union Traction Co. (The), Coffeyville, Kans.....	3
Union Traction Co., Nashville, Tenn.....	107
Union Traction Co., Sistersville, W. Va.....	120
Union Traction Co., Santa Cruz, Cal.....	7
*Union Utilities Co., Chicago, Ill.....	15
*Union Utilities Co., Wheeling, W. Va.....	120
United Gas & Electric Corporation (The), Boro. of Manhattan, New York City.....	70
United Gas & Electric Engineering Corporation, Boro. of Manhattan, New York City.....	71
United Gas Improvement Co. (The), Philadelphia, Pa.....	98
United Light & Railways Co., Grand Rapids, Mich.....	48
United National Utilities Co., Philadelphia, Pa.....	982
*United Power & Transportation Co., Camden, N. J.....	59
United Railroads of San Francisco, San Francisco, Cal.....	6
United Railways Co., Portland, Ore.....	88
United Railways Company of St. Louis, St. Louis, Mo.....	54
United Railways & Electric Co., Baltimore, Md.....	39
United Railways Investment Co., Jersey City, N. J.....	506
United Service Co., Scranton, Pa.....	101
*United Street Ry. Co. of Central Jersey, Newark, N. J.....	60
United Traction Co., Albany, N. Y.....	62
*United Traction Co., Reading, Pa.....	100
*United Traction Co. of Pittsburg, Pittsburg, Pa.....	99
United Traction & Electric Co. (The), Providence, R. I.....	105
United Traction Street Ry. Co., Du Bois, Pa.....	91
*Upton Street Ry., Milford, Mass.....	43
*Urbana, Bellefontaine & Northern Ry. Co. (The), Springfield, O.....	83
Urbana & Champaign Ry., Gas & Electric Co., Champaign, Ill.....	170
Utah-Idaho Central R. R. Co., Ogden, Utah.....	112
*Utah Light & Ry. Co., Salt Lake City, Utah.....	118
Utah Light & Trac. Co., Salt Lake City, Utah.....	112
*Utah Securities Corp., Boro. of Manhattan, New York City.....	69
*Utica Belt Line Street R. R., Utica, N. Y.....	75
*Utica & Mohawk R. R., Utica, N. Y.....	75
*Utica Suburban Ry., Utica, N. Y.....	75
Valdosta Street Ry. Co., Valdosta, Ga.....	140
Vallamont Traction Co., Williamsport, Pa.....	103
Valley City Street & Interurban Ry. Co., Valley City, N. D.....	77
Valley Rys., Lemoyne, Pa.....	95
Van Brunt Street & Erie Basin R. R. Co., Boro. of Brooklyn, New York City.....	671
*Vanport Electric Street Ry., New Brighton, Pa.....	98
Vera Cruz Electric Light, Power & Traction, Ltd., Vera Cruz, V. C., Mex.....	123
Vermont Co. (The), Bennington, Vt.....	112
Vicksburg Light & Traction Co., Vicksburg, Miss.....	53
Vincennes Traction Co., Vincennes, Ind.....	304
*Virginia Passenger & Power Co., Richmond, Va.....	115
Virginia Ry. & Power Co., Richmond, Va.....	115
Visalia Electric R. R. Co., Exeter, Cal.....	25
*Visitacion Valley Line, San Francisco, Cal.....	60
Wahpeton-Breckenridge Street Ry. Co., Breckenridge, Minn.....	1
*Walden & Orange Lake Line, Newburgh, N. Y.....	6
Walkill Transit Co. (The), Middletown, N. Y.....	1
Walla Walla Valley Ry. Co., Walla Walla, Wash.....	11
*Walnut Ridge & Hoxie Light, Power & Transit Co., Walnut Ridge, Ark.....	1
Warren Company, Warren, Ariz.....	1
*Warren-Bisbee Ry., Warren, Ariz.....	1
*Warren, Brookfield & Spencer Street Ry. Co., Brookfield, Mass.....	1
*Warren County Ry., Glens Falls, N. Y.....	1
Warren & Jamestown Street Ry. Co., Warren, Pa.....	10
Warren Street Ry. Co., Warren, Pa.....	10
*Washington Auto Buss Co., Seattle, Wash.....	10
Washington, Baltimore & Annapolis Electric R. R. Co., Baltimore, Md.....	2

* This company is either operated by or consolidated with the company who

*Washington, Berwyn & Laurel Electric Ry., Washington, D. C.....	119
*Washington & Canonsburg Ry. Co., Pittsburg, Pa.....	990
*Washington & Glen Echo R. R. Co., Washington, D. C.....	119
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Washington-Interurban R. R. Co., Washington, D. C.....	116
Washington & Maryland Ry. Co., Washington, D. C.....	117
Washington & Old Dominion Railway, Washington, D. C.....	118
*Washington-Oregon Corp., Vancouver, Wash.....	1180
Washington Ry. & Electric Co., Washington, D. C.....	119
*Washington & Rockville R. R. Co., Washington, D. C.....	119
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*Washington Traction Co., South Charleston, Ohio.....	838
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Washington Water Power Co., Spokane, Wash.....	1176
*Washington, Woodside & Forest Glen Ry. & Power Co., Washington, D. C.....	119
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*Waterford & Cohoes R. R., Albany, N. Y.....	622
Waterloo, Cedar Falls & Northern Ry. Co., Waterloo, Ia.....	327
Waterville, Fairfield & Oakland Ry., Waterville, Me.....	366
Water Works Filtration Ry. (Munic.), Minneapolis, Minn.....	510a
*Waupaca Electric Light & Ry. Co., Waupaca, Wis.....	1231
Waupaca Elec. Service & Ry. Co., Waupaca, Wis.....	1231
*Wausau St. R. R. Co., Wausau, Wis.....	1232
Waverly, Sayre & Athens Traction Co., Waverly, N. Y.....	757
Webster & Dudley Street Ry. Co., Webster, Mass.....	464
Webster, Monessen, Belle Vernon & Fayette City Street Ry. Co., Charleroi, Pa.....	906
*Webster & Park Ry., Oakland, Cal.....	52
Wellsburg, Bethany & Washington Ry. Co., Wellsburg, W. Va.....	1208
*Wesley College Line, Greenville, Tex.....	1110
Westchester Electric R. R. Co., Mt. Vernon, N. Y.....	661
West Chester, Kennett & Wilmington Electric Ry. Co., Kennett Square, Pa.....	944
*Westchester Northern R. R. Co., Boro. of Manhattan, New York City.....	686
Westchester Street R. R. Co. of White Plains, White Plains, N. Y.....	759
West Chester Street Ry. Co., West Chester, Pa.....	1032
*West End & Long Branch Ry., Asbury Park, N. J.....	585
*West End Street Ry. Co., Boston, Mass.....	402
*Westerly & Connecticut Ry. Co., Norwich, Conn.....	108
Western Light & Power Co. (The), Boulder, Colo.....	79
Western New York & Pennsylvania Traction Co., Olean, N. Y.....	727
Western Ohio Ry. Co., Lima, O.....	825
Western Ry. & Light Co., Peoria, Ill.....	236
Western Washington Pwr. Co., Seattle, Wash.....	1172a
*West Fairview & Marysville Electric Street Ry. Co., Lemoyne, Pa.....	951
*Westford Branch Line, Ayer, Mass.....	490
West Helena Consolidated Co. (The), Helena, Ark.....	26
West India Electric Co., Ltd. (The), Kingston, Jamaica.....	1834
West Jersey & Seashore R.R. (Steam and Electric Branch of Penn. R.R.), Camden, N. J.....	589
Westmoreland County Ry. Co., Pittsburg, Pa.....	993
Westmoreland R. R. Co., Houston, Tex.....	1112
West New Orleans Lt. & Trac. Co., Algiers, La.....	861b
*West Penn Interurban Ry. Co., Pittsburg, Pa.....	991
West Penn Railways Co., Pittsburg, Pa.....	991
*West Penn Traction Co., Pittsburg, Pa.....	991
West Penn Traction & Water Power Co., Pittsburg, Pa.....	996
Westside Electric Street Ry. Co., Charleroi, Pa.....	907
*West Side R. R. Co., Elmira, N. Y.....	648
*West Shore Ry. (Elec. Div.), Oneida, N. Y.....	728
West Shore Ry. Co., New Haven, Conn.....	106
West Virginia Traction & Electric Co., Wheeling, W. Va.....	1207
West Virginia Traction & Electric Co. (Morgantown Div.), Morgantown, W. Va.....	1195
*Whatcom County Ry. & Light Co., Seattle, Wash.....	1172
*Wheeling & Elm Grove R. R. Co., Wheeling, W. Va.....	1207
Wheeling Traction Co., Wheeling, W. Va.....	1208
*Wheeling & Western Ry. Co., Wheeling, W. Va.....	1208
Whirlpool Rapids Elevator Co., (Lessee Whirlpool Rapids Incline), Niagara Falls, Ont., Can.....	1272
White & Co., J. G., Inc., Boro. of Manhattan, New York City.....	712
White Elec. Trac. Co., Pittsburg, Pa.....	991
White Engineering Corporation (The) J. G., Boro. of Manhattan, New York City.....	713
White Management Corporation (The) J. G., Boro. of Manhattan, New York City.....	714
Whitehall Street Ry. Co., Allentown, Pa.....	894
*White Hill & Mechanicsburg Passenger Ry. Co., Lemoyne, Pa.....	951
Wichita Falls Traction Co., Wichita Falls, Tex.....	1126
Wichita R. R. & Light Co., Wichita, Kans.....	846a
Wichita-Walnut Valley Interurban Railway, Wichita, Kans.....	846b
*Wilkes-Barre, Dallas & Harvey's Lake Ry. Co., Wilkes-Barre, Pa.....	1034
*Wilkes-Barre R. R. Co., Scranton, Pa.....	1006
Wilkes-Barre Ry. Co., Wilkes-Barre, Pa.....	1034
Wilkes-Barre & Hazleton R. R. Co., Hazleton, Pa.....	934
Wilkes-Barre & Hazleton Ry. Co., Hazleton, Pa.....	933
*Wilkes-Barre Term. R. R. Co., Wilkes-Barre, Pa.....	934
Wilkes-Barre & Wyoming Valley Traction Co., Wilkes-Barre, Pa.....	1035
Willamette Valley Southern Ry., Oregon City, Ore.....	863
Willapa Electric Co., Raymond, Wash.....	1170
*Willapa Harbor Ry. Co., Raymond, Wash.....	1170
Williamsport Passenger Ry. Co., Williamsport, Pa.....	1032
Wilmington & Chester Traction Co., Camden, N. J.....	591
*Wilmington City Railway Co., Wilmington, Del.....	118

*Wilmington & Edgemoor Electric Ry. Co., Wilmington, Del.....	11
Wilmington, New Castle & Delaware City Ry. Co., New Castle, Del.....	11
Wilmington & Philadelphia Traction Co. (The), Wilmington, Del.....	11
*Wilmington Southern Traction Co., New Castle, Del.....	11
Windsor, Essex & Lake Shore Rapid Ry. Co. (The), Kingsville, Ont., Can.....	126
*Windsor Locks Traction Co., Warehouse Point, Conn.....	10
Windsor & Tecumseh Electric Ry. Co. (The), Walkerville, Ont., Can.....	129
Winnipeg Electric Ry. Co., Winnipeg, Man., Can.....	124
Winnipeg, Selkirk & Lake Winnipeg Ry. Co., Winnipeg, Man., Can.....	124
*Winnisimmet R. R. Co., Boston, Mass.....	40
Winona Interurban Ry. Co., Warsaw, Ind.....	29
*Winona Railway & Light Co., Winona, Minn.....	51
*Winona & Warsaw Ry., Warsaw, Ind.....	29
Wisconsin Edison Co., Inc. (The), Boro. of Manhattan, New York City.....	71
*Wisconsin Elec. Ry. Co., Sheboygan, Wis.....	122
Wisconsin Gas & Electric Co., Kenosha, Wis.....	122
Wisconsin-Minnesota Light & Power Co., Eau Claire, Wis.....	121
Wisconsin Public Service Co., Green Bay, Wis.....	121
Wisconsin Ry., Light & Power Co., Winona, Minn.....	51
Wisconsin Securities Co., Milwaukee, Wis.....	122
Wisconsin Traction, Light, Heat & Power Co., Appleton, Wis.....	121
Wisconsin Valley Elec. Co., Wausau, Wis.....	122
*Woonsocket Elec. Pass. Ry. Co., Norristown, Pa.....	96
Woodlawn & Southern Street Ry., Pittsburg, Pa.....	99
Woodstock, Thames Valley & Ingersoll Electric Ry. Co., Woodstock, Ont., Can.....	129
*Woonsocket Street Ry. Co., Providence, R. I.....	105
Worcester Consolidated Street Ry. Co., Worcester, Mass.....	47
*Worcester & Shrewsbury R. R., Worcester, Mass.....	47
*Worcester & Shrewsbury Street Ry., Worcester, Mass.....	47
Worcester & Warren Street Railway Co., Brookfield, Mass.....	41
Worcester & Webster Street Ry. Co., Webster, Mass.....	46
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Yarmouth Light & Power Co., Ltd., Yarmouth, N. S., Can.....	125
*Yarmouth Street Ry. Co., Ltd., Yarmouth, N. S., Can.....	125
Yonkers Railroad Co., Yonkers, N. Y.....	76
York Rys. Co., York, Pa.....	104
Youngstown Municipal Ry., Youngstown, Ohio.....	85
*Youngstown & Niles Ry., Youngstown, O.....	85
Youngstown & Ohio River R. R. Co. (The), Leetonia, O.....	82
*Youngstown & Ohio River Ry. & Light Co., Leetonia, O.....	82
*Youngstown Park & Falls St. Ry. Co. (The), Youngstown, O.....	85
*Youngstown & Sharon Street Ry. Co. (The), Youngstown, O.....	85
*Youngstown & Southern Ry. Co., Youngstown, O.....	86
Youngstown & Suburban Ry. Co., Youngstown, O.....	86
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*Zanesville Ry., Light & Power Co., Springfield, O.....	82

*The Company is either operated by or consolidated with the company whose number follows, and will be found under that number.

ALPHABETICAL LIST

OF

Electric Railway Officials

IN THE

United States, Canada, Mexico and West Indies,

The figure following the name corresponds with the number of the railway with which the official is connected, as shown in the geographical list, and will be found under that number.

Aage, R. L.	521	Alexander, A. G.	1279	Anderson, S. H.	48
Aaron, Marcus	1196	Alexander, A. S.	510a	Anderson, Sidney S.	1290, 1293
Abbot, W. M.	68	Alexander, E. W.	1184	Anderson, W. A.	685
Abbot, Wm. N.	76	Alexander, G. M.	1187, 1197	Anderson, W. B.	127
Abbott, G. E.	1233	Alexander, H. J.	86	Anderson, W. H.	84
Abbott, G. M.	349	Alexander, J. L.	1100	Anderson, Walter E.	536
Abbott, Gordon	406	Alexander, John H.	797	Anderson, Wm.	1232
Abbott, W. D.	1329	Alexander, Norman S.	973	Andrews, George	971
Abel, Howard 665, 667,	670	Alexander, R. R.	283	Andrews, J. K.	706
Abell, H. A.	741	Alexander, V. M.	235	Andrews, S. P.	1041
Abell, H. C.	692, 1121	Alexander, W. C. 228,	228a	Andrist, Charles M.	506
Abelson, N.	749	Alexandra, E. D.	208	Andrix, E. R.	802
Abercrombie, D. P. Jr.	398, 424, 425,	Alger, A. B.	1141	Andrus, L. B.	1229
	437	Allaman, D. W.	879	Andrus, W. G.	639
Abercrombie, J. R.	541	Allbritton, L. L.	1126	Angus, W. G.	1263
Achelpohl, W. J.	209, 229, 230, 238,	Alle, C. V.	1178	Annable, F. L.	48
	566	Allegaert, E. J.	603	Annaford, Foster,	510
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Ackerman, M.	821	Allen, C. Loomis	752	Appel, Jno. J.	276
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Adams, H. H.	178	Allen, Thomas	79	Arkwright, P. S.	133, 134
Adams, J. L. 83, 86,	1028	Alley, Henry T.	834	Arming, A. H.	699
Adams, John H.	1159	Alley, W. C.	1149	Armitage, Percival	966
Adams, Julian	48	Allison, H. O.	963	Armleader, Otto	821
Adams, Melvin O.	469	Allport, J. H.	970	Armstrong, Alex	395
Adams, T.	365	Allshouse, Wm.	963	Armstrong, E. C.	770
Adams, Walter L. 439,	467	Allyn, A. C.	192, 314	Armstrong, F. J.	448
Adamson, Wm.	17	Alker, H. J.	266	Armstrong, F. S.	223
Addison, C. L.	645, 649, 652, 716, 717,	Almont, J. J.	339	Armstrong, H. N.	669
	718, 720, 725, 746	Alspach, L. A.	48	Armstrong, J. C.	975
Adkins, Jas.	542, 547	Alvarez, Jose	1315	Armstrong, J. M.	136
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Adsit, Charles	651	Ames, A. E.	505	Armstrong, Mary R.	953
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Ahearn, T.	1276, 1277	Amesbury, B. C.	741	Armstrong, Thomas A.	503
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Aikens, H. Hayes	1025, 1027	Anderson, A. E.	88	Arnold, E. W.	1228
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Aitken, J. H.	745	Anderson, E. O.	242	Arnold, R. G.	181
Alberger, W. R.	52	Anderson, Edward	482	Arnold, W. L.	181
Albers, W. H.	790	Anderson, Geo. F.	882a	Arnstein, W.	51
Albert, E. T.	39	Anderson, H. D.	597, 979, 981	Arthur, R. G.	17
Alberston, Joseph	594	Anderson, H. P.	1153	Asay, A. R.	585
Albin, H. A.	924, 925	Anderson, J. H.	558	Ashbrook, Claude	821
Albl, Emil	1213	Anderson, J. J.	150	Ashley, H. L.	1331
Alcalde, Alfredo	1315	Anderson, J. R.	1065	Ashtown, Cecil S.	694
Alcantara, E.	1317	Anderson, J. W.	931	Aspnes, E. A.	1231
Alden, E. H.	1183	Anderson, James 1290,	1293	Aston, T. G.	1176
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