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Memorandum

Date: May 22, 2012
To: Joe Simone
From: Allison Rachleff
Subject: NYSEG PO 4500259392

Records Search Report for Medina Manufactured Gas Plant

This memo has been prepared by AECOM under its Synergy Site Investigation and Design Services agreement with NYSEG, governed by the Master Services Procurement Agreement Terms and Conditions effective January 19, 2009, and amended January 20, 2011.

The task order partially concerns preparation of records search reports (RSRs) for two former manufactured gas plants (MGPs) located in NYSEG's service area. The New York State Department of Environmental Conservation (NYSDEC) requested that the RSRs be prepared to determine if NYSEG is liable for the site. This RSR concerns the Medina MGP.

If you have any questions about this document, please call me at 212-798-8598.

Medina MGP Records Search Report Timeline

- **Hinds, Thomas G. 1923. "Thomas G. Hinds, Trustee, Medina Gas Plant." *Annual Report to the Public Service Commission*. [Attached documentation M1, page 1]**

New York State Legislature. 1914. *Documents of the Assembly of the State of New York, One hundred and Thirty-seventh Session*. Vol. 5, No. 2, part 2. Albany, NY: J.B. Lyon Company. [Attached documentation M1, page 2]

The 1923 Thomas G. Hinds Annual Report to the Public Service Commission (PSC) indicates that an exclusive franchise was granted by the Village of Medina to the Medina Gas Light Company in October 1868. According to the report, the Medina MGP was originally owned by the Medina Gas Light Company. The Medina Gas Light Company then became the Medina Gas Company, which was ordered to foreclose (See documentation M1, page 1). The report entry did not include dates regarding the changes that occurred at the Medina MGP. Thomas G. Hinds (respondent) purchased the Medina MGP and the exclusive franchise for the Village of Medina at a foreclosure sale in 1913. Through this purchase, Hinds became the Trustee of the Medina MGP (See documentation M1, page 2).

- **Signor, Isaac S. 1894. *Landmarks of Orleans County, New York*. Syracuse, NY: D. Mason. [Attached documentation M2]**

According to Signor's history of Orleans County, William Bent constructed the MGP in Medina ca. 1870, which approximates the October 1869 franchise date noted in the 1923 Thomas G. Hinds Annual Report to the PSC. The original plant was enlarged over time. In 1890, the Medina MGP was sold to Medina Gas Light Company.

The Medina Electric Light Company formed in 1890. In April 1891, the Medina Gas Light Company and the Medina Electric Light Company were consolidated to form the Medina Gas and Electric Light Company.

- **D.G. Beers & Company. 1875. *Atlas of Niagara and Orleans Counties*. [Attached documentation M3]**

Beer's 1875 map of the Village of Medina labels the Medina MGP as the O.K. Johnson Gas Works.

- **Sanborn Map Company. 1886; 1889. *Village of Medina, New York*. [Attached documentation M4]**

The 1886 and 1898 Sanborn Maps depict the Medina MGP, labeled the Medina Gas Works, on the banks of the Erie Canal along Race Alley.

- ***American Gas Light Journal*. Vol. 84. 1906. "Items of Interest from Various Localities."** [Attached documentation M5]

According to William R. Curry's obituary in the 1906 *American Gas Light Journal*, Curry was superintendant of the Medina Gas Company from 1883-1906, during which time it was consolidated "with the electrical lighting concern."

- ***American Gas Light Journal*. Vol. 96. 1912. "Items of Interest from Various Localities."** [Attached documentation M6]

The Medina Gas Company was order to foreclose by Mr. Justice Marcus in 1911, after which time it operated in the hands of a Receiver.

- **Hinds, Thomas G. 1923. "Thomas G. Hinds, Trustee, Medina Gas Plant." *Annual Report to the Public Service Commission*.** [Attached documentation M7]

According to the 1923 Thomas G. Hinds Annual Report to the PSC, the Medina MGP operated until 1918, at which time the plant closed due to fuel (coal) shortages caused by the advent of World War I. At the time that the 1923 Annual Report was filed, the Medina Gas Plant was still closed.

- **New York State Senate. 1917. *Documents of the Senate of the State of New York, One Hundred and Fortieth Session*. Vol. 13, Nos. 23-28. Albany, NY: J.B. Lyon Company.** [Attached documentation M8, page 1]

New York State Legislature. 1920. *New York Legislative Documents, One Hundred and Forty-third Session*. Vol. 17, No. 37, part 2. Albany, NY: J.B. Lyon Company. [Attached documentation M8, page 2]

According to 1917 New York State Senate documents, the New York State Barge Canal Commission appropriated a strip of land for the Erie Canal. The Medina MGP's purifiers were located on the land. According to 1920 New York State Legislature documents, a commission engineer determined that the land seizure was unnecessary. It was "expected that the plant will again be operated as soon as the State Barge Canal Commission reconveys a strip of land taken by appropriation..."

- **"Old Gas Company to be put into Commission Again." 1919. *American Gas Engineering Journal*.** [Attached documentation M9]

A 1919 article published in *American Gas Engineering Journal* underscored the difficulty surrounding an exclusive franchise, noting that the citizens of Medina wanted the Medina MGP to return to service as they "keenly feel the lack of gas for household purposes." This article also indicated that the Medina MGP was not operational in 1919, but there were plans to reopen the it.

- **"Medina." 1921. *Brown's Directory of American Gas Companies*. [Attached documentation M10]**

According to *Brown's Directory of American Gas Companies* (1921), the Medina Gas Company had ceased operation.

- **Duffy, Joseph. 1925. "Medina Gas Plant (Thomas G. Hinds, Trustee)." *Annual Report to the Public Service Commission*. Final Report. [Attached documentation M11]**

According to the 1925 Medina Gas Plant Annual Report to the PSC, Thomas G. Hinds died in Syracuse, New York on September 8, 1924. Additionally, the report noted that the MGP was not "in a fit condition for operations."

- **Sanborn Map Company. 1927. *Village of Medina*. [Attached documentation M12]**

A 1927 Sanborn Map documents the removal of the gas holder from the Medina MGP, and labels the buildings as vacant. Thus, the MGP did not appear to be operable in 1927.

- **Helen Hinds Iseman. April 18, 1928. *Thomas G. Hinds Estate*. General Release. [Attached documentation M13, page 1]**

Ella M. Hinds. April 18, 1928. *Thomas G. Hinds Estate*. General Release. [Attached documentation M13, page 2]

According to a general release filed with the Hudson County Surrogate's Court in New Jersey, on April 18, 1928, Ella Hinds, Thomas G. Hinds' widow, and Helen Hinds Iseman, his daughter, released their claim to Hinds' estate in their capacity as administratrixes. The estate included the exclusive gas franchise for the Village of Medina and the Medina MGP.

- **Duff, John A. 1928. "Lockport Light, Heat & Power Company." *Public Service Commission Report for the Year Ended December 31, 1928*. [Attached documentation M14, M15, and M16]**

According to the 1928 Lockport Light, Heat & Power Company (Lockport) Annual Report to the PSC, Lockport purchased a series of franchises to provide gas in multiple villages, including the Village of Medina, for \$10,508.70 (See documentation M14). Note column "h," which indicates that Lockport acquired the new franchise from the Village of Medina. Stipulations for completing the column require that any franchise not acquired from the original grantor must include the chain of title connecting the grantor to the current franchise owner. Therefore, Lockport received a new franchise from the Village of Medina that was not connected with the one acquired by Thomas G. Hinds.

Additionally, in the 1928 Lockport Annual Report to the PSC, Lockport appears to have owned only one gas plant in the City of Lockport which had been closed in 1927. The company purchased gas from Semet-Solvay Company of Buffalo at that time (See documentation M15). In 1928, Lockport reported acquiring a gas plant in the Village of Albion, but did not mention the Village of Medina (See attached documentation M16, question 5).

- **"Lockport." 1929. *Brown's Directory of American Gas Companies*. [Attached documentation M17]**

Brown's Directory of American Gas Companies (1929) confirmed that Lockport served the Village of Medina. The entry also noted that gas was purchased from Semet-Solvay.

- **"New York State Electric and Gas Corporation." 1930. *Public Service Commission Report for the Year Ended December 31, 1930*. [Attached documentation M18]**

The 1930 NYSEG PSC Annual Report noted the Medina franchise was granted on September 7, 1927, with service starting in 1928; NYSEG acquired the franchise after merging with Lockport. Note that according to the 1928 Lockport PSC Annual Report, the franchise was acquired in 1928.

In summary, the above records indicate that there were two gas franchises associated with the Village of Medina. The first was an exclusive franchise which served the village from 1868-ca. 1925, and utilized the Medina MGP. Research indicates that the Medina MGP operated from 1868 until 1918, at which time it closed, due in part to conditions associated with World War I. The New York State Barge Canal Commission then appropriated a strip of land upon which the purifiers for the Medina MGP were located, causing the MGP to remain permanently closed. There was then a three-year-hiatus that extended from 1925 when the final PSC report was filed for the Medina MGP after the death of its Trustee, Thomas G. Hinds, to 1928 when Hinds' heirs released their claim to his estate. The estate included the exclusive gas franchise for the Village of Medina. The 1927 Sanborn Map of the Village of Medina documents the Medina MGP as vacant and inoperable at that time. The second franchise was a new one granted by the Village of Medina, and purchased by Lockport Light, Heat and Power Company in 1928. Research indicates that it was a distribution franchise, which did not encompass the Medina MGP. NYSEG acquired the second franchise when it merged with Lockport in 1929. Based upon on this information, NYSEG does not appear to be liable for the Medina MGP.

30. FIELD OF OPERATIONS.

1. Give the particulars called for concerning the territory expected to be occupied and served by the respondent, naming separately each municipality (i.e. cities, villages, towns, or lighting districts), stating the population of each according to the latest governmental enumeration, the character of service to be rendered (electric, gas, natural gas, etc.), the date when authorization was had of the Public Service Commission to build, construct, maintain, and operate an electric or gas plant in

each of the several municipalities, and the date when rendition of service therein is expected to be commenced.

2. If in the territory expected to be served by the respondent there are others selling gas or electricity, name each such one, state the character of service rendered, and any limitations there may be upon the possibility of its competition with the respondent.

Line No.	Territory to be served					Other electrical or gas corporations operating within respondent's territory		
	Name of municipality (a)	Population (b)	Nature of service to be rendered (c)	Date of authorization by Commission (d)	Date of probable commencement of service (e)	Name and address (f)	Nature of service rendered (g)	Limitations on possible competition (h)
1	Medina		Gas	Authorized by Trustees of Village of Medina 1869		Electric (Western Utilities Electric Co.)		
2								
3								
4								
5								
6								
7								
8								
9								
10								

31. FRANCHISES.

1. Show the particulars called for concerning each franchise claimed by the respondent at the close of the year. If the space provided is insufficient, attach additional sheets (see paragraph 8 of section 3, page 1), making entries thereon in form similar to that required by this schedule.

2. If the information called for has been given in a previous report, and no new franchises have been acquired during the year, reference to the earlier report will be accepted as a sufficient answer to this schedule. All the information asked for must, however, be given for each franchise acquired during the year.

Line No.	Name of original grantor (a)	Date of grant (b)	Term in years (c)	Operations covered (gas, electric, etc.) (d)	Territory covered (e)	Acquisition by respondent			Actual money cost to respondent (i)		Amount at which carried on balance sheet (j)	
						Date (f)	From whom† (g)	Date of authorization (h)				
11	Village of Medina	Oct. 1868	As long as residents of Medina desire gas.	Gas	Village of Medina	Jan. 10, 1913	Referee in foreclosure sale		\$	o.	\$	o.
12												
13												
14												
15												
16												
17												
18												
19												
20												

2. Show for each of the said franchises (a) whether it is exclusive or not, and give the provisions thereof relating to (b) compensation to the municipality or "free" service required, (c) consolidation with competitors, (d) sale or assignment of the franchise, and (e) prices to be charged for electric service or gas. For brevity, the franchise may be referred to by the number of the line upon which particulars relating to it are above written.

† 3. If any of the said franchises were acquired by the respondent from any person or corporation other than the original grantor of the franchise, give the chain of title connecting the original grantor and the respondent.

Franchise is exclusive. Granted by Village of Medina to Medina Gas Light Co. Afterwards acquired on foreclosure by Medina Gas Co. Afterwards acquired by respondent on foreclosure sale.

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privileges thereto pertaining. On the same date authority was granted to issue \$10,000 par value of its capital stock. The report rendered, abstracts of which are included in the foregoing tabulations, is for the year ended December 31, 1913.

Medina Gas Company:

The gas plant at Medina, N. Y., was sold to Thomas G. Hinds, as trustee, November 19, 1912. He entered into possession January 10, 1913, and as trustee rendered a report for the period of operations from January 15 to December 31, 1913, abstracts of which are included in the foregoing tabulations.

Morristown (Northern Light Company):

Property and franchise transferred to Gregory Electric Company, Inc. (see that title).

Oakfield (United States Gypsum Company):

Final report for eleven months ended November 29, 1913, gives no statement of assets and liabilities but shows operating revenues for the period \$3400, operating expenses \$1611, and taxes \$21. The Public Service Commission, Second District, November 13, 1913, authorized the transfer of the Oakfield plant to the Genesee Light and Power Company, and the report states "Distributing system operated at our plant for lighting Oakfield, N. Y., sold to Genesee Light and Power Co. Nov. 29, 1913".

Oliver Gas and Fuel Company:

Inchoate. February 3, 1913, this company was authorized by the Public Service Commission, Second District, to construct and maintain its pipe lines, etc., and to exercise its franchise for the purpose of selling and distributing natural gas in the town of Tonawanda, Erie county, and was also authorized to issue \$2100 par value common capital stock. The report of the company for the year ended December 31, 1913, had not been filed to date of going to press.

Orange County Power Company:

From the best information available it appears that this company is practically defunct, and that its assets have been sold. No report has been rendered to the Public Service Commission, Second District, since 1911.

Phoenix (Robert J. Pendergast):

Robert J. Pendergast reports that he purchased the property of the former Phoenix Fuel, Light and Water Company about November 1, 1913, from J. A. Foster of Fulton, purchaser of the property at foreclosure sale, and that the present holder is to turn it over to the Phoenix Gas and Electric Company who has recently incorporated and will soon organize. Mr. Pendergast, according to the report, did not conduct any operations during the year.

Phoenix Fuel, Light and Water Company:

In July, 1912, this company was adjudicated bankrupt, and G. Harold Merry was appointed receiver and subsequently trustee of the bankrupt. In a letter of December 13, 1913, G. Harold Merry advises that the assets of the company were sold and turned over to the purchaser, Robert Pendergast, and the company has been completely out of business since. No report was required for the year ended December 31, 1913.

Redwood (Holmes Brothers):

No reports for this electric business have heretofore been rendered to the Public Service Commission, Second District, although the plant has been operated since 1908. The first report, for the year ended December 31, 1913, states that the plant is operated by an unincorporated firm or partnership for the purpose of distributing electricity for lighting in the village of Redwood, Jefferson county. The concern has 35 flat rate consumers and 24 consumers' meters in service; also 56 lamps in municipal street lighting service at \$10.70 per lamp per year. No balance

sheet is given, but cost of plant and equipment is stated as \$7683. Operating revenues for the year are shown as \$2119, operating expenses \$1000, and taxes \$29; leaving a net income from electric operations of \$1091.

Richfield Springs Electric Light and Power Company, The:

The capital stock of this corporation was canceled and the fixed capital taken over by the Colliers Light, Heat and Power Company effective July 1, 1913, under order of the Public Service Commission, Second District, dated March 14, 1913. The income account, revenues, and operating expenses for the six months ended June 30, 1913, are reported as follows:

Income account:	
Operating revenues.....	\$8,702
Operating expenses, taxes, and uncollectible bills.....	2,140
Income from electric operations.....	\$1,562
Deductions from gross income for interest and rents.....	688
Net corporate income.....	\$924
Operating revenues:	
Municipal street lighting, incandescent.....	\$1,184
Commercial metered lighting.....	2,512
Commercial metered power.....	6
Total.....	\$3,702
Operating expenses:	
Production expenses.....	\$1,408
Distribution expenses.....	87
Utilization expenses.....	88
General and miscellaneous expenses.....	315
Total operating expenses.....	\$1,843
Taxes and uncollectible bills.....	297
Total revenue deductions.....	\$2,140

Schodack Light and Power Corporation:

Organized October 30, 1912. December 18, 1912, the Public Service Commission, Second District, authorized the company to build, construct, maintain, and operate lines in the village of Castleton, and to distribute electricity; also to purchase the franchise of Lewis M. Lansing, obtained in 1912 from the Village. On the same date the Commission authorized the issue of \$7000 par value capital stock for the purchase of the electric plant of Lewis M. Lansing in the aforesaid village. Permission was given January 29, 1913, for the construction, maintenance, and operation of poles and wires, and for the exercise of a franchise in the town of Schodack, Rensselaer county. Operations began May 1, 1913, and the report received, abstracts of which are included in the foregoing tabulations, is for the period from that date to December 31, 1913.

Seely Electric Company, The:

May 6, 1913, the S. Alfred Seely Estate, furnishing electric current in villages of Spencer and Candor, was authorized by the Public Service Commission, Second District, to sell, and The Seely Electric Company (incorporated November 1, 1912) was authorized to buy, the electric plant, machinery, lines, accessories, and rights of way which the S. Alfred Seely Estate owned. The Seely Electric Company was also authorized to issue \$12,300 par value of its capital stock for the purchase of the properties described. July 22, 1913, the Commission authorized the construction of extensions in the villages and towns of Spencer, Tioga county, and VanEtten, Chemung county. The report rendered, abstracts of which are included in the foregoing tabulations, is for the year ended December 31, 1913.

Spencer (S. Alfred Seely Estate):

Property transferred to The Seely Electric Company (see that title).

Syracuse Suburban Gas Company:

Incorporated January 23, 1913, to manufacture and distribute mixed coal gas and water gas. Permission to operate was granted by the Public Service Commission, Second District, April 22, 1913. Operations began October 25, 1913. The report rendered, abstracts of which are included in the foregoing tabulations, is from that date to the close of the year.

Citizens' Hook and Ladder Company (successor to the Dawson Hook and Ladder Company, which was organized in 1877 and disbanded). Officers: President, George L. Owens; vice-president, J. W. Cooper; secretary, M. B. Sutter; treasurer, Thomas O'Malley; foreman, J. D. Brennan; 1st assistant, Thomas Owens; 2d assistant, John B. Griffith.

Gorman Hose Company.—Officers: President, Michael Kearney; vice-president, Myron Chase; secretary, Thomas F. Owens; treasurer, Thomas F. Owens; foreman, Owen Boyland; 1st assistant, H. Nurenberg; 2d assistant, Fred Ryan.

Protective Hose Company.—Officers: President, John Keebler; vice-president, B. L. Servoss; secretary, Charles Fletcher; treasurer, Arthur Cheney; foreman, William Dewey; 1st assistant, H. M. Seeley. This company is the successor of the Protective Company which had charge of a chemical engine, organized in 1877 and disbanded when the new water works were established. The Frary Engine Company, successor of the old Cataract Company, was also disbanded when the water works were completed.

The chief engineers of the department have been, as nearly as can be determined, prior to 1880, Simeon Bathgate, John Parsons, S. G. Purdy, E. M. Card, E. A. Bowen, and probably others. Since 1880 they have been Myron S. Newell, Thomas Hale, Edward Hanlon, Fred M. Ives, Fred C. Ryan, Michael Kearney. The present assistant chief is T. O'Malley; fire wardens, R. W. Nichol, F. R. Downs, C. N. Hood.

Many years since a small gas plant was constructed by William Bent near the canal, a short distance south from the foot of Pearl street. Mains were laid for the supply of gas along Shelby street, but not elsewhere at first. Some years later a stock company was formed, the works were purchased and enlarged, and the mains were extended so as to supply gas to most of the principal streets of the village. Gas was supplied from these works during more than fifteen years, in which time changes occurred in the company and a serious explosion took place at the works. In 1890 the plant was sold to the Medina Gas Light Company. The same year works were erected by the Medina Electric Light Company for the purpose of supplying the village with electric light. In April, 1891, the two companies were consolidated

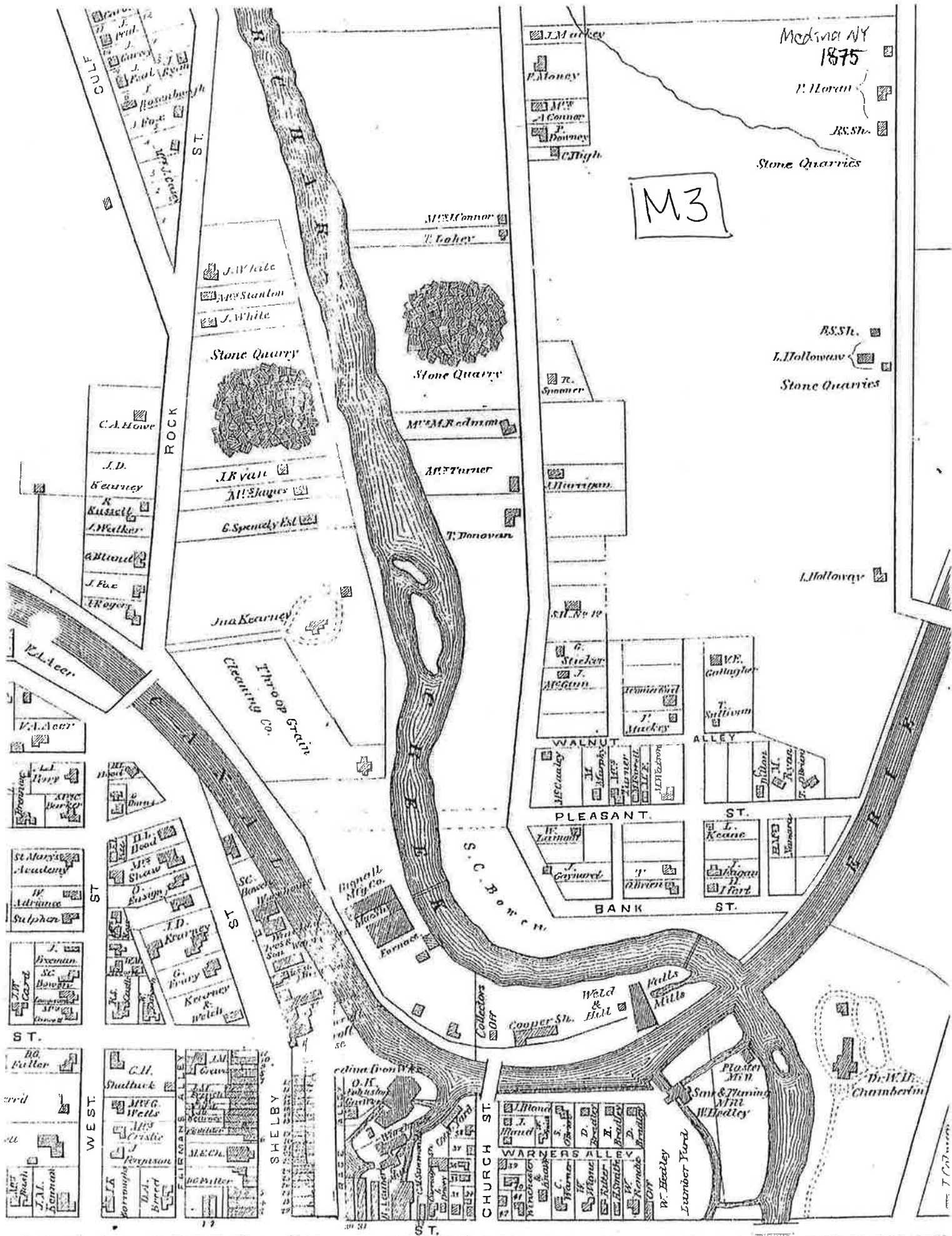
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Hon. Thos. S. ^{NY} ~~NY~~ ^{D. Moser & Co.}
 Syracuse, NY
 1894 855 P.L.

ORLEANS COUNTY.

under the name of the Medina Gas and Electric Light Company, the control of which, by a transfer of a majority of the stock, passed into the hands of New York parties in April, 1894, the new officers being A. L. Fennessy, president; J. F. Moffett, vice-president; C. E. Fennessy, secretary. William R. Curry is local manager. The electric plant is equipped with one incandescent and two arc light dynamos and two engines and two boilers of 100 horse power each. There are about sixteen miles of wire used in the arc direct system, supplying fifty-eight lamps, and ten miles in the incandescent alternating system, using some 800 lights. The plant occupies a modern fire-proof building just north of the railroad, between Shelby and Church streets. The gas plant has a capacity of about 40,000 cubic feet of gas every twenty-four hours, though it is not necessary to reach that amount. There are some four miles of mains and nearly 150 consumers. The electrical plant has over 100 patrons.

Water Works.—The lack of an ample supply of pure water for domestic and fire extinguishing purposes was felt in Medina many years before the present works were established. The village had suffered from several disastrous fires, one on September 19, 1869, causing a loss of about \$100,000; another December 26, 1870, destroying the Presbyterian church and other property, besides numerous others, and public-spirited citizens finally determined to inaugurate a better condition of affairs in this respect. A public meeting was called July 15, 1889, to consider the subject and decide upon the most feasible plans. On October 14 of that year a meeting was held at which authority was voted to the trustees to contract with parties for water works, and on the 17th of the same month John J. Neagle, of Washington, D. C., and Frederick Collin, James H. Costello, P. H. Dempsey, Lewis M. Smith, John B. Stanchfield, and P. J. Neagle, of Elmira, submitted a proposal to organize a company with a capital of \$70,000, and establish water works for the village, to be supplied from wells or springs in the southwest part of the village. This application was granted, but the action was rescinded on November 25. Resolutions were afterwards adopted to publish in the local newspapers proposals for bids to establish a water system, bids to be delivered to E. L. Pitts on December 17, the works to be built according to contract and specifications on file in his office.



Medina NY
1875

M3

P. Moran

R.S. Sh.

Stone Quarries

R.S. Sh.

L. Holloway

Stone Quarries

L. Holloway

Dr. W.D. Chamberlin

M4

Hand-drawn map of a coal storage area. It shows a rectangular area labeled "COAL STORAGE AREA" with a north arrow pointing towards the top right. The area is divided into two sections: "RAST" on the left and "2" on the right.

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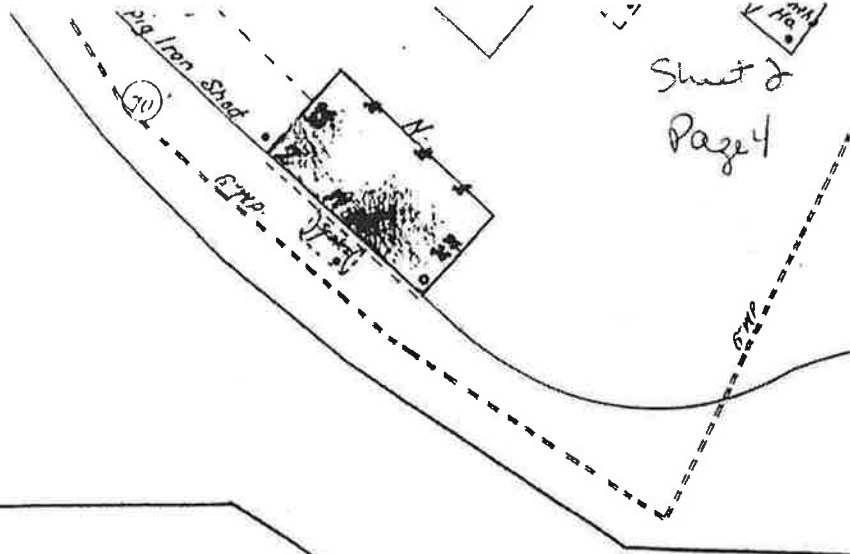
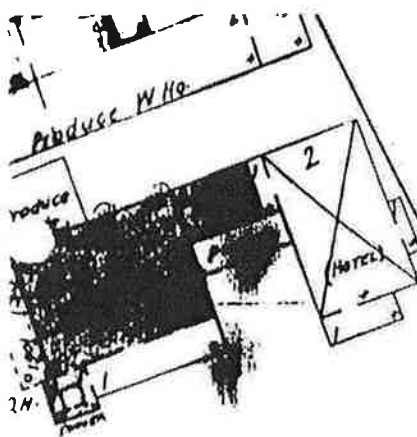
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RACE 3 ALLEY

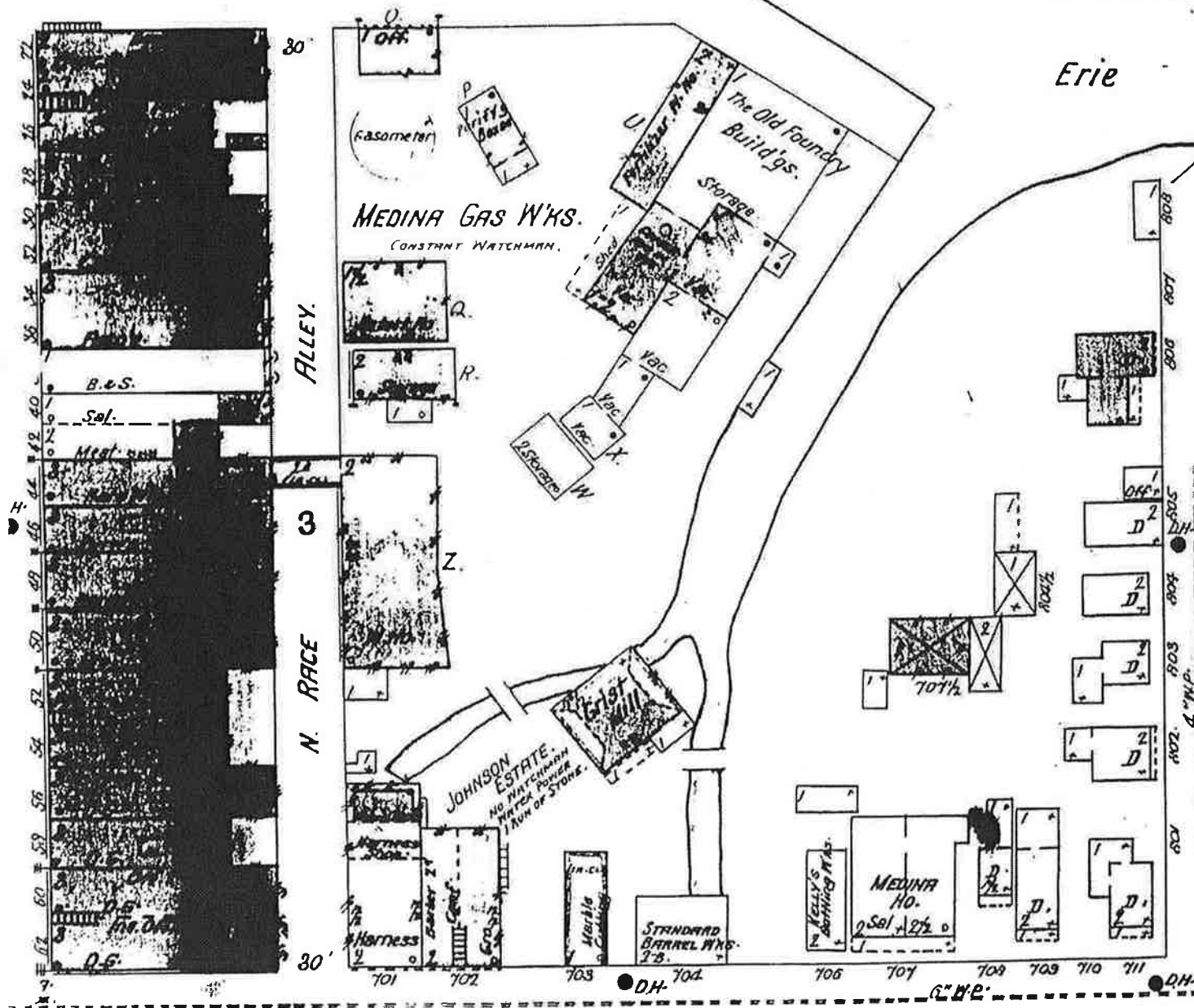
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SHEET No 4



Sheet 2
Page 4



There must also be an extra layer of rubber between the outer cover and flexible cord, and in moist places the outer cover must be saturated with a moisture proof compound, thoroughly slicked down, as required in 'weatherproof wire' in No. 44. In offices, dwellings or in similar places, where cord is not liable to rough usage, and where appearance is an essential feature, flexible cord for portable use must meet all of the requirements for flexible cord for 'pendant lamps,' both as to construction and thickness of insulation, and in addition must have a tough, braided cover over the whole, or, providing there is an extra layer of rubber between the flexible cord and the outer cover, the insulation proper on each stranded conductor of cord may be $\frac{1}{4}$ of an inch in thickness instead of $\frac{1}{8}$ of an inch as required for pendant cords."

Rule 51, Snap Switches, Section a, third line of last paragraph. After the words, "rated current," the words, "at rated voltages," were added.

Rule 62, Transformers, Section b (1) was amended to read as follows: "Shall be run for 8 consecutive hours at full load of watts under conditions of service, and at the end of that time the rise in temperature as measured by the increase of resistance of the primary and secondary coils, shall not exceed 135° F."

Rule 62, Section b, (2) was amended in the second line by changing the words, "5 minutes," to "1 minute." This amendment was made contingent upon its having been officially made by the American Institute of Electrical Engineers.

Rule 64, Signaling Systems. The bold faced heading just previous to Section a was transposed, so that it should be just previous to Section b, and the last line was changed to read, "Sections b to m, inclusive, do not apply."

Rule 64, Section c, was amended to read as follows: "Wires where bunched together in a vertical run within any building must have a fire resisting covering sufficient to prevent the wires from carrying fire from floor to floor, unless they are run either in non-combustible tubing or in a fireproof shaft, which shaft shall be provided with fire stops at each floor. Signaling wires and electric light or power wires may be run in the same shaft, provided that one of these classes of wires is run in non-combustible tubing, or provided that when run otherwise these two classes of wires shall be separated from each other by at least 2 inches. In no case shall signaling wires be run in the same tube with electric light or power wires."

Fine print note: "Ordinary rubber insulation is inflammable, and when a number of wires are contained in a shaft extending through a building they afford a ready means for carrying fire from floor to floor, unless they are covered with fire resisting material, or unless the shaft is provided with fire stops at each floor."

Rule 69, Wires, Marine Work, Section g, first fine print note, was amended so as to strike out the word "flame proof" and change the word "waterproof" to "water proofed."

The suggestion that Rule 17-a be modified so as to require no protective devices on switch in the neutral of 3-wire systems, and the resolution passed by the National Conference that "in cases of 3-wire systems with grounded neutral a solid connection without fuse be permitted on the neutral wire," were referred to a special committee for action.

The suggestion that Rule 69 under Marine Wiring should require the use of a flame proof braid where wires are on switchboards, and therefore exempt from being inclosed in moulding or conduit, was adopted.

An amendment to Rule 27, Sockets, Section b, fine print note, was suggested as follows: "Waterproof sockets must be hung by separate stranded rubber covered wires not smaller than No. 14 B & S. gauge, which should preferably be twisted together when the pendant is over 3 feet long. These wires must be soldered directly to the circuit wires, but supported independently of them." This amendment was referred to a committee which recommended that the fine print note be incorporated in the rule so as to eliminate the fine print note entirely.

There has developed in some cases, especially with private water companies, opposition to attaching the ground wire to pipes, and, in fact, some companies have prohibited it. In order that the electric lighting companies might have something besides their own opinions to offer on this subject where such opposition is met with, the Underwriters, at the suggestion of the National Conference on Standard Electrical Rules adopted the following resolution:

"Resolved, That it is the sense of this meeting that the grounding of secondary alternating current systems to water pipes, places no additional burden or menace on such water pipes."

A number of other matters came before the meeting which met with more or less approval; but these were referred to sub-committees for consideration, conference, and arranging in just the shape that they should appear in the Code, or for report to the full Electrical Committee at a later date. Among these were the rating of variable speed motors, uniformity of voltage classification in the rules and specifications for fittings, special rules for theater wiring and for equipment of electric cranes, etc.

ITEMS OF INTEREST FROM VARIOUS LOCALITIES.

WE are informed that hereafter the S. R. Dresser Manufacturing Company, Bradford, Pa., is the title of the concern that succeeds to the business of Mr. S. R. Dresser, of Bradford. It is merely the incorporation of what was heretofore a personal undertaking. Let us hope that the Company will be as successful as Mr. Dresser was.

THE Gas Machinery Company has recently installed carburetted water gas apparatus in Williamsport, Pa., Stroudsburg, Pa., and Burlington, Ia., and is now erecting water gas sets in Bloomington, Ind., and Columbia, S. C. The contract in Columbia embraces two 6-foot sets, with purifiers, holdar, boilers, water supply system, and all machinery, pumps, etc., required in the new works.

THE Gas Securities Company, of New York city, the purpose of which is the promotion of gas and electrical companies, filed letters of incorporation with the Secretary of State on the 8th inst. The concern is capitalized in \$1,100,000, and its Directors are: H. L. Doherty, J. C. Andrews and W. C. Dreyer, all of New York.

WE are indebted to Mr. Walter T. Soper, Clerk and Treasurer of the Taunton (Mass.) Gas Light Company, for the information that at the last quarterly meeting of the Board of Directors of the Company the following action relative to the price of gas was taken:

"Voted—That on gas of this Company which shall be consumed from and after March 31, 1906, a discount of 10 cents from the present price per 1,000 cubic feet shall be allowed in settlement to any consumer of such gas who shall pay his bill therefor at the office of the Company, No. 41 City Square, on or before the 15th day of the month in which the bill becomes due, and who shall not at the time be otherwise in arrears to the Company; thereby reducing the cost of gas consumed after the present quarter, to all consumers who shall then duly avail themselves of the above discount thereon, from \$1.20 to \$1.10 per 1,000 feet for the ordinary consumer, and from \$1.10 to \$1 for the large consumer.

"Voted—That from and after March 31, 1906, the prepayment meters in use by this Company shall be adjusted to a price of \$1.10 instead of \$1.20 per 1,000 feet.

"Voted—That all quarterly or monthly bills for gas shall as heretofore become due and payable respectively on the first day of the quarter or month next after that in which the gas was consumed, subject to allowance of time for discount as in above vote provided."

THE shareholders of the Hartford (Conn.) Gas Securities Company have named the following Directors for the ensuing year: Edward B. Bennett, Atwood Collins, Lucius F. Robinson and Henry Goodwin.

WE regret to announce the death of Mr. William R. Curry, who for a lengthy period was Superintendent of the Medina (N. Y.) Gas Company. His death occurred in Medina the morning of the 2d inst. He was born in Buffalo, N. Y., January 6, 1861, and his first business venture was connected with the oil fields. In 1883 he came to Medina, to act as Superintendent of the Medina Gas Company, and remained in charge of its affairs for some time after it was consolidated with the local electric lighting concern. Later on he engaged in the real estate business, and at the time of his death he was a member of the Medina Board of Aldermen. His wife survives him, as do three sons and a daughter.

MR. WILLIAM C. B. GILMOUR has resigned from the service of the Suburban Gas Company, of Chester, Pa.

"A. P. T.," writing from Carbondale, Pa., under date of the 4th inst., incloses the following: "Judge H. M. Edwards handed down an opinion this morning on the application of the Consumers Gas Company, of Scranton, Pa., for an extension of time in which to erect its plant. The court grants the petition and extends the time for a period not exceeding 5 years beyond the time fixed by law for the completion of the plant. Attorney M. J. Martin represented the petitioner, and Attorney L. H. Burns appeared for President W. W. Scranton, of the Scranton Gas and Water Company, opposing the application. It was a highly important proceeding for the Consumers Company, and means that it may go ahead and complete its plant. Its time to do so under the city franchise expired, but it defended by saying it was involved in litigation by the Scranton Gas and Water Company and could not go ahead. The latter has *quo warranto* proceedings against the Consumers Company in the Supreme Court. It certainly seems, to say the least, a queer decision."

"B. W. P.," writing to us from South Bend, Ind., under date of the 5th inst., says: "I thought it might be of interest to you to know that

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lasted well over 3 hours. The preliminaries seemed so fruitful that regular meetings have been carded. That practical results are aimed at in direct fashion can readily be seen from the programme for the third session, which was to be given over altogether to the work carried on by the meter readers. The Manager sees to it that all employees who are expected to attend the conferences are advised of same well in advance, together with a topic sheet, on which is outlined certain matter that may be taken up at or during the session, thus giving the men opportunity to prepare themselves for the session. Our informant closes his story in this fashion: "It cannot be doubted but that these 'cabinet meetings' will produce good results in the way of gaining better understanding, promoting harmony and increasing the efficiency of all concerned."

THE Public Service Commission, Second New York District, has assented to the petition of the Syracuse Lighting Company for permission to exercise its rights and privileges to supply gas to the residents of the outlying territory known as Salina.

MR. ERNEST V. HOWE, formerly Superintendent of the Leominster (Mass.) Gas Light Company, has taken charge as Superintendent of the properties of the Arlington (Mass.) Gas Light Company. Both Companies are controlled by the Massachusetts Lighting Companies.

MR. FRANKLIN H. RUDD has severed his editorial connection with "Telephony," in order to become a member of the organization of "The Traffic Service Bureau," Chicago and Washington, D. C.

THE plant of the Florence (S. C.) Gas Company will be located on a plot at the northern end of Irby street, contiguous to the Cheraw and Darlington Road. Sidings from both the Atlantic Coast Line and the Seaboard Air Line will run into the yards.

FROM the annual report of the operations of the Brooklyn (N. Y.) Borough Gas Company, which corporation sells gas to the residents of the Coney Island and Gravesend districts of Greater New York, it is seen that the net profit for the year, to December 31, 1911, amounted to \$28,964. The total output was 244,493,900 cubic feet, and the income was \$237,944, plus \$6,653, received from other than sales of gas. Expenses absorbed \$114,282 (operation account), plus interest, taxes, mortgages, amounting to \$101,401. The meters in use (7,877) showed an increase for the year of 952; or about 15 per cent. gain. During the year 33,349 feet of new mains (from 4 inches to 20 inches diameter) were laid, at a cost of \$37,399. The total figures to 32.4 miles. The surplus account is returned at \$144,162.

DURING the recent fire in Houston, Tex., the Gas Company lost 25 meters, and the total gas lost was about 210,000 cubic feet.

THE Ideal Gas and Electric Fixture Company, which concern has been lingering along from a business standpoint, in the premises, 224 Canal street, New York, finally asked the aid of the Sheriff to wind up its affairs. The initial examination of the books, on bankruptcy account and proceedings, shows liabilities of \$27,593, and assets of \$12,654—the latter includes accounts collectable of only \$1,400.

A PARTY named Thomas H. Dow, who declares he is the "Business Agent"—whatever that may be in the labor world—of the Boston Firemen and Engineers' Union, some days ago filed a protest in the Boston City Hall respecting the plan followed by the Consolidated Gas Company of that city, in employing help through paid employment agencies, rather than from the free State employment office, or the Union office of the aforesaid Society.

THE Omaha Bee buzzes the information that Mayor Dohlgan of that city has signed the resolution of Council appropriating the sum of \$4,000, to be paid to Mr. James Hall, of Chicago, for an appraising of the local gas plant, such appraising to be related to the better understanding of the efforts of the municipality to secure a reduction in the gas rate. This proceeding, so far on the city's part, as it lengthens, all the more takes on the appearance of a mess of very cheap political buncombe.

THE Central Georgia Power Company, since the 1st inst., has been in undisputed control actually of the operating of the Macon Gas Company.

On the 1st inst. the American Gas and Electric Company declared a 20 per cent. stock dividend. Under the plan the Company allots

present holders new stock at par to the extent of 20 per cent. of holdings, as of record the 15th inst. Owners of common stock of record will then have the right to subscribe at par (\$50) to 20 per cent. of their holdings on that date, payment to be made thus: April 15, 50 per cent.; July 1, 50 per cent. It is further agreed that payments made on or before April 15 will receive 5 per cent. interest from April 15 to July 1 on such payments. Subscribers may anticipate final payment after April 15, and such payments shall bear interest at 5 per cent. from April 15 to July 1.

THE fruition of the scheme for the consolidating of the properties of the separate Companies at Lambertville, N. J., and vicinity, under the title of the Northern New Jersey Gas Company, is an announcement that the gas rate has been reduced to \$1.65 per 1,000; a cut of 20 cents.

MR. JUSTICE MARCUS, having issued a writ ordering the dissolution of the Medina (N. Y.) Gas Company, Mr. M. M. Childs has been appointed Receiver for the properties, under a bond in the sum of \$5,000.

"B. B. B.," writing from Los Angeles, Cal., under date of Feb. 28, says: "Gas to supply the residents of the contiguous or adjoining districts of Lindsay, Exeter, Porterville, Terra Bella and Strathmore is to be made in a plant located in Lindsay, to be distributed therefrom under high pressure to the places named. That is, if the tentative plans of the Central Counties Gas Company, of California, are carried out."

WE are indebted to one who was there for the following mention published in the New Britain (Conn.) Herald, dated the 29th inst.: "Seated around the festive board at Caterer Boedek's hall, the employees of the New Britain Gas Light Company last evening enjoyed their annual dinner. Mr. Howard F. Sloper, General Manager of the Company, acted as Toastmaster, and his pertinacity succeeded in bringing out speeches from the various departmental Chiefs. Following the excellent supper a programme by Hartford talent was given, the vaudeville features of which would do credit if shown on a stage of the truly theatric sort. Mr. O'Keefe spoke a monologue or two, Mr. S. Leaventhal rendered a beautiful violin selection (he was accompanied on the piano by Mr. Walter Gaylord), and songs were twitttered by Master R. C. Parmelee, the boy soprano of Hartford. Mr. Philip Molander played excellently a few well-chosen piano selections, and a magical act was satisfactorily set forth by Messrs. Ring and Hubbard, who of a verity earned the title of past master in the 'black arts.' The Entertainment Committee was thus made up: Messrs. H. F. Hodge, Henry Holsing and O. E. Erickson. The Supper Committee comprised Messrs. 'Fred.' Lancaster, Thomas Taylor and James Fox."

THE Nogales (Ariz.) Gas Works was sold at auction the 24th ult., to Frank E. Curley, of Tucson, at his bid of \$6,000. The sale was subsequently confirmed by the Superior Court. Eastern bondholders bought in the junk.

MR. JOHN J. DENVER has succeeded Mr. Joseph Hinchcliffe as Secretary of the Elkton (Md.) Gas Company, resigned. Mr. Hinchcliffe was in the Company's employment since 1869.

AN ordinance reducing the gas rate in Richmond, Va., from 90 cents to 80 cents per 1,000 cubic feet was offered for the consideration of the Richmond Common Council on March 4th. The proposer was Mr. George M. Cease, of the Committee on Light. While our informant does not seem disposed to openly object to the proposed concession, nevertheless, he remarks that these lines respecting the subject, from a recent article in the local Dispatch are all to the point. * * * "There are many ways of calculating the profits of the gas works. Taking as the actual basis the annual report of Auditor Warren to the Committee on Finance, it shows that the city received from the sale of gas and the sale of such by-products as coke and coal tar, a total (1911) of \$421,394.48. During the same period the total amounts paid out, according to the Auditor's report, for coal and oil, pay rolls and expenses, amounted to \$271,614.65, leaving a gross profit from last year's operation of \$149,739.83. This, however, is subject to interest on the investment, the gas works being assessed at \$3,510,000. Interest on the outlay, therefore, at 4 per cent. would amount to \$140,000, to which must be added a percentage for depreciation and replacement, and the other fixed charges that should go against a manufacturing plant."

60. GAS PLANT AND EQUIPMENT.

Describe briefly the projected gas plant of the respondent, specifying such matters as location of plants, the several units of equipment installed or to be installed therein, their capacity, the kind of gas to be manufactured and process used, the estimated length and material of transmission and distribution lines.
Describe first the plant as a whole and as projected, then specify what portion, if any, had been completed at the close of the year; also describe the extent of construction carried on during the year. (If the space provided be insufficient for the answers to the above inquiries, continue the description on additional sheets to be attached to this page.)
If the projected plant is being constructed by a construction company under contract, (a) name such company, and

state (b) the contract price specified, (c) manner of payment stipulated (cash, or bonds and stock of respondent), and (d) amounts of payments made to the close of the year.
If the plant of the respondent has been or is to be purchased as a whole from another corporation or person, (a) name such corporation or person, and state (b) the sum paid or agreed to be paid therefor, (c) manner of payment (cash, or bonds and stock of respondent), and (d) amounts of payments made to the close of the year.
State the probable date when the plant or any part thereof will be ready for operation.

Plant re. operating since 1868. closed down in Jan. 1918 owing to Har. Conditions - could not obtain coal. had been operated for six months up to that time by a Committee of gas consumers to whom the plant was leased for a nominal monthly rental, owing to uncertainty of fuel supply. Will be again operated as soon as the State Barge Canal Commission recognizes the strip of land taken by appropriation upon which is located the purifying house, which land the State Engineer has already certified is not necessary for canal purposes.

61. EXPENDITURES ON FIXED CAPITAL — GAS.

Show the details called for concerning the fixed capital expenditures of the respondent since its inception to the close of the year. For definitions of the accounts named refer to the prescribed Uniform System of Accounts for Gas Corporations.

L. N.	Name of account (a)	Fixed capital expendi- tures during year (b)	Fixed capital expendi- tures to close of year (c)	Name of account (d)	Fixed capital expendi- tures during year (e)	Fixed capital expendi- tures to close of year (f)
1	Land devoted to gas operations	\$ * * * * *	\$ * * * * *	Totals brought forward		
2	(a) Occupied by gas works			Water gas sets and accessories		
3	(b) Occupied by outside holder stations			Purification apparatus		
4	(c) Water rights			Accessory equipment at works		
5	(d) Other land			Trunk lines and mains		
6	INTANGIBLE GAS CAPITAL	* * * * *	* * * * *	Gas services		
7	Organization			Gas meters		
8	Franchises (gas)			Gas meter installation		
9	Patent-rights (gas)			Municipal street lighting fixtures (gas)		
10	Other intangible gas capital			Gas engines and appliances		
11	TANGIBLE GAS CAPITAL	* * * * *	* * * * *	Gas tools and implements		
12	General structures			Gas laboratory equipment		
13	General equipment			Other tangible gas capital		
14	Works and station structures			Engineering and superintendence		
15	Holders			Law expenditures during construction		
16	Furnaces, boilers, and accessories			Injuries during construction		
17	Steam engines			Taxes during construction		
18	Gas engines			Miscellaneous construction expenditures		
19	Miscellaneous power plant equipment			Interest during construction		
20	Benches and retorts			Totals		
21	Totals carried forward					

INCREASE AND DOMINANT ELECTRICAL CORPORATIONS AND GAS CORPORATIONS

M8

CENTRAL DREDGING COMPANY V. THE STATE

The claim of the Central Dredging Company for \$104,085 was opposed in the Court of Claims. After proof had been submitted by the claimant to the effect that this concern had suffered a loss of the total amount of the claim, the cross examination of the claimant's witnesses disclosed that the claim was exaggerated. At this point claimant's counsel refused to continue the trial of the action and requested representatives of the State Engineer to make him an offer of settlement such as he considered was reasonable from the viewpoint of the claimant. An offer of \$20,000 was made by the Engineer's office. This was accepted and judgment was entered accordingly.

THOMAS G. HINDS, AS TRUSTEE, ETC., OF THE MEDINA GAS COMPANY, V. THE STATE

The claim of Thomas G. Hinds, as trustee of the Medina Gas Company, involved the appropriation of a portion of the Medina Gas Company's plant. The amount demanded was \$46,500, a large percentage of which was sought to be recovered because of alleged consequential damage resulting from the appropriation. The claim for consequential damages was disallowed and an award was made by the Court of Claims of \$2,500.

I. M. LUDINGTON'S SONS, INC., V. THE STATE

The claim of I. M. Ludington's Sons, Inc., of Rochester, was for the sum of \$172,675.04. It grew out of the claimant's work as contractor on Barge canal contract No. 62, covering fourteen miles of Erie canal enlargement in Orleans county. Exceptional difficulties arose during the work, giving rise to numerous claims for items of extra work, delay, etc. The claim had a lengthy trial before Judge Albert Haight, official referee. He awarded \$44,226.91. No appeal was taken.

Company, Hadley, which obtains its power from the dam in the Hudson river, and at present furnishes electricity in the town of Hadley. This is the plant which the Commission has authorized Hadley Light and Power Company, Inc., to purchase from Joseph Gatti. Operations were expected to commence in March, 1920.

Principal officers: President, Joseph Gatti; Treasurer, B. K. Wallbridge; Secretary, W. H. Redlien.

Principal office: Hadley.

Hamden Electric Light Company, Inc.

Incorporated September 23, 1919. March 11, 1920 (case No. 7100), permission and approval of the Commission were given to Hamden Electric Light Company, Inc., to begin construction of an electric plant in the town of Hamden, Delaware county; and to exercise the rights and privileges conferred by a franchise granted by the town board of the Town of Hamden September 22, 1919, provided that the approval of the exercise of said franchise is confined to that portion of said town in contemplation by the corporation and by the town board as evidenced by the latter's action in creating the lighting district specified in the franchise. Report not required for 1919.

The Holland Sardinia Light and Power Corporation

Incorporated December 31, 1919. Petition was filed with the Commission March 20, 1920, for permission to construct in the adjoining towns of Holland and Sardinia, Erie county, an electric distributing plant, and for approval of the exercise of rights and privileges under franchises from the local authorities in said towns to use all the highways for such distribution lines. The application also covered the erection of a hydro-electric plant with a dam and generating station in the hamlet of Sardinia. At the hearing held by the Commission April 3, 1920, the recommendation was made that the company consider the acquisition of current from some neighboring company as an alternative to building its own producing plant, and other changes were suggested in the company's plans and in the conditions of the local franchises. The Commission, understanding that the company was reconsidering its plans and that it is altogether probable that this will take some time, and that the plans if and when matured will be considerably different from those presented on July 29, 1920, decided that it seemed unnecessary to keep the proceeding open pending such changes, and ordered that the petition be closed on the books of the Commission without prejudice to it being reopened at any time on application of the company. Report not required for 1919.

Lamoka Electric Water Power Corporation of Corning, N. Y.

By chapter 532 of the laws of 1918, Lamoka Electric Water Power Corporation of Corning, N. Y., was granted all the powers of an electrical corporation duly incorporated under the Transportation Corporations Law. The first report rendered, that for 1919, states that the object of development as at present proposed is to furnish electricity to meet the peak load requirements of the companies serving Bath, Corning, Elmira, and Penn Yan. This is to be done by developing hydro-electric power on Keuka lake near Keuka, and on Seneca lake near Dresden, the combined output being estimated at 20,000 h.p. continuous, and the combined plant capacities at 40,000 h.p. Preliminary surveys and plans have been completed; hydrographic studies are under way, actual measurements being made, demonstrating the project; and final location surveys are in progress. Date of probable commencement of service, 1923. Financing of the project is awaiting demonstration of commercial feasibility.

Principal officers: President, J. Towner Hayt; Vice-president, Haswell W. Baldwin; Secretary, George F. Showers; Treasurer, B. W. Wellington.

Principal office: 65 West Market street, Corning.

Long Lake Light, Heat and Power Company

Incorporated April 10, 1912. June 10, 1912 (case No. 2929), the company was authorized by the Commission to construct and operate an electric light plant in Long Lake, Hamilton county, and to exercise privileges under a franchise granted to it by the Town of Long Lake; also authorized to issue its common capital stock to the amount of \$6000. This latter authorization was vacated by order of the Commission dated April 6, 1915, it appearing that the stock was never sold because of the company's inability to proceed with the work proposed. Previous to the date of said last named order the company reported that it had not yet obtained the water power that it expected to get at the time of incorporation, the project being deferred as there was a prospect of obtaining a better source of water supply at another point than that originally contemplated. Presumably until this source of water supply is obtained, of which there is some possibility when the uses of the water are developed by the present owners for other purposes, it will not be feasible for the Long Lake company to obtain from the owners of the water rights sufficient power to install the contemplated system.

Principal officers: President, John P. Brannen; Secretary, Henry D. Kellogg; Treasurer, L. L. Jennings.

Principal office: Long Lake.

Louisville Power Corporation

Incorporated October 21, 1919. Proposes to manufacture and furnish electricity in St. Lawrence, Jefferson, Lewis, Oswego, Oneida, Onondaga, and Madison counties. A franchise has been obtained from the Town of Louisville. An application for permission to commence construction and exercise franchise was received by the Commission July 26, 1920. September 2, 1920 (case No. 7659), the Commission, under section 68 of the Public Service Commissions Law, permitted and approved the construction by Louisville Power Corporation, in the town of Louisville, St. Lawrence county, of an electric plant; and permitted and approved the exercise by said company of rights and privileges to use all the highways and public places in said town therefor received by said company from said town November 6, 1919. Construction was expected to commence as soon as the necessary consents were secured. Report not required for 1919.

Principal officers: President, Walter F. Willson; Vice-president, Victor Allen Warren; Secretary, J. C. Crapser; Treasurer, George P. Matthews.

Principal office: Massena.

Mamakating Light and Power Company, Inc.

Incorporated October 4, 1919. Proposes to manufacture and supply gas in town of Mamakating and village of Wurtsboro, Sullivan county. Amount of capital specified in certificate of incorporation, \$25,000. Report not required for 1919.

Medina Gas Plant (Thomas G. Hinds, Trustee)

The operation of this plant was discontinued January 1, 1918, for lack of coal due to war conditions. It is expected that the plant will again be operated as soon as the State Barge Canal Commission reconveys a strip of land taken by appropriation, upon which is located the purifying house, but which land the State Engineer has certified is not necessary for canal purposes.

Milling and Lighting Company, Inc.

Incorporated September 18, 1919. January 29, 1920 (case No. 7078), permission and approval of the Commission were given to the transfer to and acquisition by Milling and Lighting Company, Inc., of all the property and assets of an electric plant situated in the hamlet of Brasher Falls now owned by R. E. Heffernan and Thomas D. Rockford, a copartnership.

January 29, 1920 (case No. 7079), permission and approval of the Commission were given for the construction by Milling and Lighting Company, Inc., in the towns of Brasher and Stockholm, St. Lawrence county, of an electric lighting plant; and the exercise of rights and privileges under franchises to use all highways and public places of said towns therefor to be transferred to said Milling and Lighting Company, Inc., by the copartnership aforesaid.

No report required for 1919.

Principal officers: President, R. E. Heffernan; Vice-president, Patrick A. Hallahan; Secretary and Treasurer, Thomas D. Rockford.

Principal office: Brasher Falls.

New York Central Gas Company, Inc.

Incorporated January 31, 1913, for the purpose of producing and distributing natural gas. Franchises are claimed for the towns of Avon, Geneseo, Leicester, Lima, and Mount Morris, Livingston county; Elba and Oakfield, Genesee county; and Canandaigua, Ontario county. Construction has not begun. Five shares of stock have been issued to directors for voting purposes only.

Principal officers: President, F. M. Lowry; Vice-president, Herbert R. Davis; Secretary and Treasurer, J. A. Richie.

Principal office: 838 Marine Bank Building, Buffalo.

Niagara Falls Electrical Transmission Company

Incorporated February 25, 1905, for the transmission and sale of electricity. It is controlled through stock ownership by Electrical Development Company of Ontario, Limited. It owns franchises in the towns of Tonawanda, Lockport, Pendleton, Royallton, and Sweden; cities of Tonawanda, North Tonawanda, and Lockport; and villages of Medina and Holley. In addition to above franchises, this company has a controlling interest in Niagara Falls Gas and Electric Light Company, and is said to claim privileges of franchises owned by that company. Its only revenues are those accruing from the rental of real estate, which amounted to \$556 during 1919; taxes and insurance amounted to \$636; developing a deficit of \$50 as the net result of the year's operations. Interest deductions were \$50,532, making the net corporate loss for the year \$50,612.

Los Angeles Company Expending \$175,000 in New 12-Inch Mains

The Los Angeles Gas & Electric Corporation is making extensive improvements of its system in Pasadena and vicinity, one of the principal pieces of work being the substitution of new gas mains for old ones on Colorado Street east to Los Robles, thence up Los Robles. In all, the company plans to expend about \$75,000 in betterments here at this time and probably more in the northeast section and in Altadena later on.

Sandusky Company Installs 2,000 Gal. Water Tank

The Sandusky Gas & Electric Company has just installed an overhead tank of 2,000 gallons capacity to supply cold water for turbine sealing glands, oil cooling and makeup water for cold wells. Discharge water from the condensers is cooled by sprays and pumped to storage. In the past it has been necessary to purchase from the city water for this purpose, costing approximately \$200 per month. By this installation a saving of this amount is made to the company.

Pacific Gas & Electric Installing New Ten-Inch Main

Expenditure of \$130,000 by the Pacific Gas & Electric Company in enlarging its gas mains into Richmond, Cal., was announced by Manager Jess Hitchcock. The work will consist of the installation of a 10-in. main from Berkeley to Cutting Boulevard and the putting in of an 8-inch main from that point to the 150,000-cu. ft. container at First Street and Bissell Avenue. The new mains will replace a 3-in. main which has been the city's chief supply in the past. The new system will also provide gas for a large part of the annexed district where it could not be provided before. The work will be under way within the next two months.

Gas Mains Erected in Erie, Pa.

After waiting for two years, homes and business places in Erie, Pa., are now being connected with the mains of the Pennsylvania Gas Company. When the ban was put on by the Government at the beginning of the war new gas connections were forbidden.

Utilities Plan for Over \$400,000,000 Additional Investment in Next Five Years

A titanic plan for the investment of \$450,000,000 of additional capital in the Public Utilities of Illinois in the next five years, was the result of a meeting of the managers and operators of the Utilities of the State at Springfield on June 13. Announcing that there is need of the vast additional capital for the proper development of the public service corporations of the State, the officials decided to lay the matter squarely before the public in a campaign of publicity. The speakers declared that one-third of all the citizens of the State now are directly or indirectly interested in the Public Utilities in a financial way. They said that 16 per cent of the total of all the people in the State are in the employ of the Utilities.

Old Gas Company to Be Put into Commission Again

A movement is on hand in Medina, N. Y., to revive the old Medina Gas Company, which has been out of commission here for nearly two years. Mayor Stocking had a conference with W. H. Fritchman, representing some outside capital who desire to co-operate with local people in putting the local gas company on a paying basis. The proposition to do this is unquestionably popular in Medina, whose citizens keenly feel the lack of gas for household purposes. A meeting is to be held shortly.

H. M. BYLLESBY & Co. announce that the \$500,000 additional issue of Oklahoma Gas & Electric Company one-year 7 per cent notes offered at 99 $\frac{3}{4}$ to yield over 7.30 per cent have been sold.

THE GENERAL GAS & ELECTRIC COMPANY's preliminary statement of gross revenues for its subsidiary companies for the month of April, 1919 and 1918, and comparison is as follows:

System	1919	1918	Amount	Increase Per Cent
Rutland	\$32,527.54	\$39,517.57	\$3,009.97	7.5
Northwestern Ohio	26,500.00	23,776.63	2,723.37	11.5
Sandusky	42,329.23	39,787.25	2,541.98	6.4
Binghamton	38,035.46	33,432.17	4,603.29	13.8
Sayre	10,392.66	10,023.12	369.54	3.7
New Jersey	26,754.00	21,476.56	5,277.44	24.5
Interurban Gas Co.	699.32	660.04	39.28	5.95
Totals	\$187,238.21	\$168,673.34	\$18,564.87	11.00

STANDARD GAS & ELECTRIC COMPANY subsidiaries' gross earnings in the first four months of 1919 increased 20.69 per cent over those in the same time last year, while net earnings rose 15.43. Gross was \$9,530,452 for the four months and net \$3,643,290, without including earnings from the recently acquired Shaffer oil properties.

OHIO CITIES GAS COMPANY elected the following directors at the annual meeting of the stockholders of the company: B. G. Dawes, F. S. Heath, R. McIlvaine, W. F. Burdell, Thomas J. Jones, all of Columbus; John L. Busness, Springfield, Ohio; W. C. Fairbanks, Indianapolis; H. N. Cole, Tulsa, Okla.; W. E. Hutton, Cincinnati; W. W. Mills, Marietta, Ohio, and N. P. Webb, Philadelphia.

THE UNITED GAS & ELECTRIC CORPORATION of Hartford, Conn., filed a certificate yesterday in the office of the Secretary of the State, amending its articles of incorporation to authorize it to deal in petroleum and petroleum products.

GENERAL GAS & ELECTRIC COMPANY's, Boston, Mass., gross revenues from subsidiary companies for April amounted to \$187,232, an increase of \$18,564 over those in the same month in the preceding year.

THE WAYLAND OIL & GAS COMPANY has declared the usual quarterly dividend of 2 per cent on the common stock, payable June 11 on stock of record June 2.

THE LONE STAR GAS COMPANY reports for the quarter ended March 31: Gross earnings, \$1,177,151; expenses and dividends paid, \$565,221; surplus for three months, \$611,930. These are record earnings. The statement for 1918 showed a gross of only \$2,317,000 and a surplus after dividends of \$172,394, as compared with surplus shown above of \$611,900 for only three months of 1919.

1921

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MANUFACTURED GAS, CITY PLANTS

NEW YORK—continued

Malone Light and Power Co., Malone—continued

Electrical Department—continued
Output of station kw. hr. for year, 15,890,000.
Generating power used, Water, rated, 4,500 h. p.

MECHANICVILLE.

Halfmoon Light, Heat & Power Co., Mechanicville.

RRs.: D. & H.; B. & M.; Hud. Val. Champlain Canal.

Capital stock, common, auth., \$170,000.
Annual dividend, common, 6%.
Bonds, \$93,500; due, 1923; int., 5%.
Pres., John C. Duncanson.
Secy., H. O. Bailey.
Treas. and mgr., W. L. Howland.
Supt. and sales mgr., H. G. Lake.
Process manufacture, Lowe, Water gas.
Annual production, Water gas, 19,000,000 cu. ft.

Price of coal per cwt., delivered, 47c; oil per gallon, 12 3/4c.
Calorific value: Standard, 585 B. t. u.; average, 587 B. t. u.
Gas holder capacity, 40,000 cu. ft.
Holder pressure, max., 3 in.
Street mains, 6.5 miles; pressure, max., 3 in.

No. of services in the ground, 611.
Max. day's send-out, 70,000 cu. ft.
Annual sales, approx., 17,412,000 cu. ft.
Gas unaccounted for, 1,588,000 cu. ft.
Pop. city, 8,200; dist. supplied, 5,000.
No. consumers, dom., 1,125.
No. meters, dom., reg., 600; prepay., 660.

Price gas: Light and Fuel, gross, \$2; net, \$1.50.

Ranges in use, 600; cookers, 150; hot plates, 375; heaters, 60; water-heaters: circ., 325; auto., 10.

No. commercial gas arc lamps in use, 10.
Supplies Mechanicville.

Electrical Department.

System operated, Incand., 110 volts, A. C.; power, A. C., 40 cycle, 3 ph., 220.

Generating capacity: Lighting, all current purchased of A. E. P. corp.
Voltage: Incand., 110; power, 220.
Miles of overhead wires, 131, distribution system.

City lighting contract: Hours lighted per year: Incand., 4,000.

No. public incand., 287; 60 c. p., price per year, \$12; 36, 400 c. p., price per year, \$75; 4, 250 c. p., price per year, \$45; 3, 1000 c. p., price per year, \$120.

Price current per kw. hr., gross, 13 1/4c. Disc., 10% to 52 1/2%.

Power circuits: price per kw. hr., 8c to 2c. Disc., 5%, block rate.

All power purchased (1,819,954 kw. hrs. for year.)

MEDINA.

Medina Gas Co., Medina.
(Company has ceased operations.)

MIDDLETOWN.

Orange County Public Service Corporation, Middletown.

RRs.: Erie; N. Y., Ont. & W. N. Y., Susq. & W.

(A consolidation of Orange Co. Lighting Co., Orange Co. Power Co. and Pt. Jervis Lt. & Power Co.)
Executive office, Land Title Building, Philadelphia, Pa.

Capital stock, pref., auth. and issued, \$250,000; com., auth. and issued, \$350,000.

Bonds, \$1,000,000, 6%; due, 1939.

Annual dividend, pref., 7%.

Pres., E. E. Mandeville.

Secy. and treas., M. F. Maury.

Elect. supt., T. H. Mahon.

Gas supt., N. J. McGrath.

Pur. agt., E. E. Mandeville.

Chief engr., H. A. Farst.

Process manufacture, Lowe.

Price of coal per ton, delivered, \$9; oil per gal., 11c.

Candle-power, 21.

Calorific value, 612 B. t. u.

Annual production, 110,000,000 cu. ft.

Max. day's send-out, 350,000 cu. ft.

Gas holder capacity, 250,000 cu. ft.

Holder pressure, 4.5 in.

Miles of mains, approx., 45.

Street main pressures, max., 4.5 in.; min., 4.3 in.

Annual sales, approx., 80,000,000 cu. ft.

Gas unaccounted for, 8%.

Pop. cities supplied, est., 41,000.

No. consumers, 4,010.

No. meters, reg., 3,785; prepay., 225.

Price gas: Light and fuel, net, \$2; disc., 10%.

Ranges in use, 1,735; heaters, 582; water-heaters, 327.

No. commercial gas arc lamps, 405.

Supplies Middletown, Port Jervis, N. Y., and Matamoras, Pa.

Electrical Department.

System operated: Arc, incand. and power A. C., 3 ph., 60 cycle.

Generating capacity: Lighting and power, 7,500 kw.

Voltage: Incand., 110; power, 220.

City lighting contract: Hours lighted per year: Arc and incand., 4,000.

No. public incand., Middletown, 299, 60 c. p.; 167-100 c. p.; 61-250 c. p.; 26-400 c. p. Total price, \$12,000.

Port Jervis, incand., 59-600 c. p.; price \$70; 9-400 c. p., price \$63.75; 22-250 c. p., price \$40; 368-60 c. p., price \$18.

Commercial lightings: No. arcs, 11.

Price current per kw. hr., gross, 10c. Disc., over \$25, 10%; over \$50, 20%. Min. charge, 50c per mo.

Prices, Port Jervis, 12c to 8c.

Power circuits: No. motors, 329; price per kw. hr., 2.8c net. Port Jervis, 2.5c to 6c.

Output of station: Middletown, kw. for year, 8,006,000.

Other uses, 670 dom. electric appliances.

Generating power used, Water and Steam; rated h. p. 7,000.

Cost of station boiler coal, per ton, \$5.

Supplies Middletown, Otisville, Cuddasbackville, Port Jervis, Monticello and Walden, N. Y., and Matamoras and Milford, Pa. All stations connected.

33,000 volt lines.

MT. VERNON.

Westchester Lighting Company, Mt. Vernon.

RRs.: N. Y., N. H. & H.; Harlem Div. of the N. Y. C.; N. Y., W. & B.

Controlled by Consolidated Gas Company.

For capitalization, bonds, etc., see Financial Report.

Capital stock: Pref., auth., \$2,500,000; common, auth., \$10,000,000.

Pres., F. A. Stratton.

Secy., R. A. Carter.

Treas., E. S. Bellows.

Engr. (gas), G. T. Macbeth.

Sales mgr., A. F. Jenkins.

Pur. agt., A. M. Keene.

Process manufacture, Lowe and horizontal retorts.

Annual production, water gas, 2,728,005,000 cu. ft.

By-products made: Tar, 689,194 gals. Gas purchased, 107,885,400 cu. ft.

Calorific value, 685 B. t. u. Gas holder capacity, 6,244,552 cu. ft. (storage holders only).

Holder pressure, max., 12 in. Street mains, 505 miles; pressures, max., 4.5 in.; min., 2.5 in.

No. of services in the ground, 46,106. Maximum day's send-out, 11,020,000 cu. ft.

Annual sales, approximate, 2,470,521,000 cu. ft.

Sales divided: Dom., 04.01%; street lighting, 5.99%.

Gas unaccounted for, 12.37%.

Pop. city, 42,726; dist. supplied, 206,416.

No. meters, dom., reg., 40,835; prepayment, 22,225.

Price of gas, light and fuel, Yonkers and Mt. Vernon, New White Plains, Rochelle, Tarrytown

First 10,000 cu. ft. per month, \$1.25 \$1.35 \$1.50

Next 10,000 cu. ft. per month, 1.15 1.25

Next 10,000 cu. ft. per month, 1.05 1.15

Excess of 30,000 cu. ft. per month, 1.00 1.00

WHOLESALE RATE—Port Chester, White Plains, Tarrytown

100,000 to 124,999 per month, \$1.95 per thousand cubic feet.

125,000 to 149,999 per month, 1.20 per thousand cubic feet.

150,000 to 174,999 per month, 1.15 per thousand cubic feet.

175,000 to 199,999 per month, 1.10 per thousand cubic feet.

200,000 cubic feet and over per month, 1.05 per thousand cubic feet.

No. of hrs. each lamp in lighted per year, 3,062.

Ranges and cookers in use, 48,443; hot plates, 11,106; water-heaters, 14,000 (all estimated).

Supplies Yonkers, Mt. Vernon, New Rochelle, Portchester, White Plains, Tarrytown, Hastings, Dobbs Ferry, Bronxville, Tuckahoe, Larchmont, Rye, Harrison, Pelham, and a small part of New York City in Borough of Bronx.

Electrical Department.

System operated: Incand., A. C., 2 ph., 60 cycle; power, A. C., 2 ph., 60 cycle.

Generating capacity: Lighting and power, 9,978 kw.

Miles of overhead wires, 4,151.55; underground cables, 1,400 miles.

City lighting contract: Hours lighted per year: Arc and incand., 3,062.

No. public arcs, 18, 450 watt. Price per year, \$95.

No. public incand., 17,388, various sizes. Price per year, \$19 to \$70.

Commercial lighting: No. incand., 696, 689.

Price current per kw. hr., gross, Mt. Vernon, New Rochelle, Portchester, White Plains and Tarrytown, 12c to 1c; New York City, 10c to 9c.

MII

81. MISCELLANEOUS.

State all matters of importance concerning the organization of the respondent, the financing of its project, the construction of its plant, etc., which have not been reported on any of the foregoing pages.

If any capital stock or funded debt obligations were issued during the year, or if any capital stock or funded debt obligations of the respondent or of another corporation were acquired during the year, give full particulars of such issue or acquisition, and of all like matters, showing all necessary dates, amounts, etc.

This property purchased at foreclosure sale of Medina Gas Co. in 1913; operated by Thos. B. Hinds as Trustee. The plant has not been operated since Jan. 1918; at that time it closed down because of lack of fuel due to star conditions. At the present time it is not in a fit condition for operation. Thomas B. Hinds, Trustee, died in September 1924.

VERIFICATION.

This report must be verified by the oath of the president, vice-president, treasurer, secretary, general manager, or receiver of the respondent if it be a corporation; or if it be a firm, copartnership, or individual, by the oath of the owner himself or of one of them.

If verification is not made upon the knowledge of the person verifying, the same must set forth the sources of his information and the grounds of his belief as to any matters not stated to be verified upon his knowledge. In specifying those portions of the foregoing report concerning which the deponent does not possess actual knowledge, he must specify the Nos. of page and schedule. If the portion excepted is only a part of a schedule, the Nos. of the lines excepted must also be shown.

The sources of information are required by law to be stated in order that the Commission may, if occasion require, make proper examination and inquiry of such sources. To meet this requirement the deponent must, in specifying the sources of his information, state (a) the full and exact names, official titles, and office addresses of persons on whose statements or reports he relies; (b) the portions of the report to which the information derived from each such person relates, specifying pages and schedules, (c) the names, volume Nos., and page Nos. of official records which are relied upon.

State of New Jersey
County of Hudson ss.

I am the attorney of the Estate of Thos. B. Hinds as Trustee being duly sworn deposes and says:
(Here insert the official title of the deponent) (Here insert exact name of the respondent)

I have carefully examined the foregoing annual report of the said company for the year ended December 31, 1925, and know the contents thereof. The said report is true and correct of my knowledge except as to the following matters: history of the previous owners.

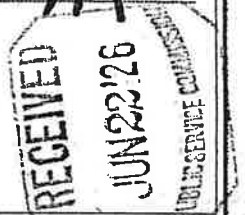
As to the foregoing matters not stated upon my knowledge I verily believe the said report to be true. The sources of my information and grounds of my belief as to matters not stated upon my knowledge are as follows: books, papers & memoranda

Subscribed and sworn to before me, Notary Public for
the state and county above named, this 21st day of

June 1926
My commission expires Dec 19, 1928

George C. Wardell
(Signature of officer authorized to administer oaths)

Joseph A. Duffy
(Signature)



M12

Sheet 2
Page 121

OCT. 1927
MEDINA
N.Y.

2

PEARL

New York State Barge Canal
Turning Basin

300' WIDE

ALLEY

N. RACE

E. CENTER

N.Y. STATE CANALS
TERMINAL W NO.

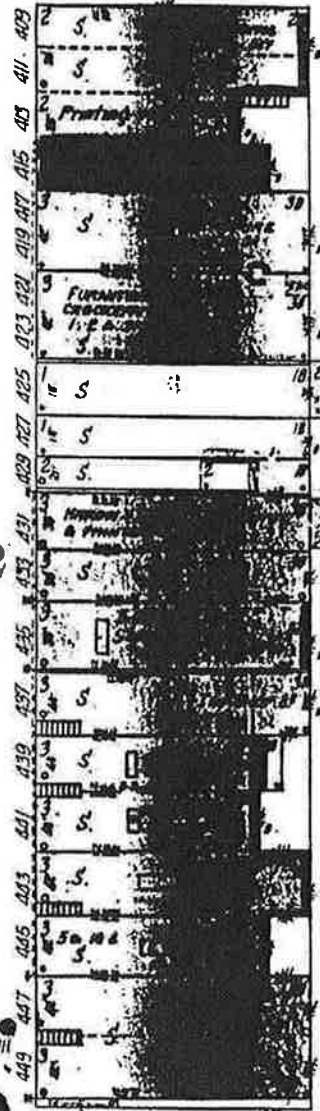
PHOTO
PRINTING BKT
**FORD AUTO
SALES &
SERVICE STN.**
CONC
FL.
AUTO
SHOW RM.

COOP BLDG MAHER BROS

CENTRAL
GARAGE
CONC & CURB
HATCH STOPS
LUB OIL ELCT
FA FL

Drugs

2 CANDY
KITCHEN



M13

3806 - Thomas G. Hinds Estate

To all to whom these Presents shall come or may concern, Greeting:

Known Ye, That I, HELEN HINDS ISEMAN, of Jersey City, Hudson County, New Jersey,

for and in consideration of the sum of One (\$1.) dollar and other valuable considerations dollars, lawful money of the United States, to me in hand paid by Ella M. Hinds and Helen Hinds Iseman, as administrators of the estate of Thomas G. Hinds, deceased,

have remised, released, and forever discharged, and by these Presents do for myself, my heirs, executors, administrators and assigns,

remise, release and forever discharge the said Ella M. Hinds and Helen Hinds Iseman, as such administrators, and National Surety Company, surety on the bond of such administrators, of and from all claims and demands of whatever nature, and all my right to my distributive share in the estate of Thomas G. Hinds, deceased, the said Thomas G. Hinds having died September 8, 1924 intestate, leaving as his only heirs at law and next of kin, me, the said Helen Hinds Iseman, his daughter, and Ella M. Hinds, his widow. The purpose of this release being to release and discharge the said administrators of the estate of Thomas G. Hinds, deceased, of and from all claims which I may have as his daughter and one of his next of kin, and said National Surety Company, surety on the bond of said administrators, and

of and from all and all manner of actions and suits, cause and causes of action or suit, debts, dues, sums of money, accounts, reckonings, bonds, bills, specialties, covenants, contracts, controversies, agreements, premises, variances, trespasses, torts, damages, judgements, extents executions, claims and demands whatsoever, in law or in equity, which against the said Ella M. Hinds and Helen Hinds Iseman, as such administrators, and National Surety Company, as surety ~~ever had, now ha~~ --- or which on the bond of such administrators, I

ever had, now have or which I hereafter can, shall or may have, for, upon, or by reason of any matter, cause or thing whatsoever, from the beginning of the world to the day of the date of these Presents.

In Witness Whereof, I have hereunto set my hand and seal

the 18th - day of April one thousand nine hundred and twenty-eight.

Helen Hinds Iseman
Sealed and delivered in the presence of

John E. Iseman

3806 - Thomas G. Hinds Estate

To all to whom these Presents shall come or may concern, Greeting:

Known Be, That I, ELLA M. HINDS, of Jersey City, Hudson County,
New Jersey,

for and in consideration of the sum of One (\$1.) dollar and other
valuable considerations *dollars, lawful money of the United States,*
to me in hand paid by Ella M. Hinds and Helen Hinds Iseman,
as administrators of the estate of Thomas G. Hinds, deceased,

have remised, released, and forever discharged, and by these Presents do for
myself, my heirs, executors, administrators and assigns,

*remise, release and forever discharge the said Ella M. Hinds
and Helen Hinds Iseman, as such administrators, and National Surety
Company, surety on the bond of such administrators, of and from all
claims and demands of whatever nature, and all my right to my dis-
tributive share in the estate of Thomas G. Hinds, deceased, the said
Thomas G. Hinds having died September 8, 1924, intestate, leaving as
his only heirs at law and next of kin, me, the said Ella M. Hinds,
his widow, and Helen Hinds Iseman, his daughter. The purpose of
this release being to release and discharge the said administrators
of the estate of Thomas G. Hinds, deceased, of and from all claims
which I may have as his widow, and said National Surety Company,
surety on the bond of said administrators, and*

*of and from all and all manner of actions and suits, cause and causes of action
or suit, debts, dues, sums of money, accounts, reckonings, bonds, bills, specialties,
covenants, contracts, controversies, agreements, premises, variances, trespasses,
torts, damages, judgements, extents executions, claims and demands whatsoever,
in law or in equity, which against the said Ella M. Hinds and Helen Hinds
~~ever had, now ha-----or which~~ Iseman, as such administrators, and
National Surety Company, as surety on the bond of such administrators,
I ever had, now have, or which I hereafter can, shall or may have,*

*for, upon, or by reason of any matter, cause or thing whatsoever, from the
beginning of the world to the day of the date of these Presents.*

In Witness Whereof, I have hereunto set my hand and

the 18th day of April one thousand nine hundred
and twenty-eight.

Sealed and delivered in the presence of

John E. Iseman

Ella M. Hinds 

509. FRANCHISES.

1. Show the particulars called for concerning each franchise claimed by the respondent at the end of the year. If the space provided is insufficient, attach additional sheets, making entries thereon in form similar to that required by this schedule.

2. If the information called for has been given in a previous report, and no new franchises have been acquired during the year, reference to the earlier report will be accepted as a sufficient answer to this schedule. All the information asked for must, however, be given for each franchise acquired during the year.

Line No.	Name of original grantor (a)	Date of grant (b)	Term in years (c)	Operations covered (electrical, gas, etc.) (d)	Exclusive or not (e)	Territory covered (f)
1	See 1913 Report					
2	Town of Cundleton	1925	Unltd	Electric	not	Cundleton side of town line
3	"	1927	"	Gas	"	
4	" Newfare	1923	"	Electric	"	Newfare side of town line
5	" Hartland	1928	"	Gas	"	
6	" Royalton	1928	"	"	"	
7	" Ridgeway	1928	"	"	"	
8	" Gaines	1928	"	"	"	
9	" Murray	1928	"	"	"	
10	" Clarkson	1928	"	"	"	
11	" Parma	1928	"	"	"	
12	Village of Middleport	1928	"	"	"	
13	" Lyndsville	1928	"	"	"	
14	" Medina	1928	"	"	"	
15	" Albion	1928	"	"	"	

Green Ink Corrections by P. S. C. Accounting Division

Authorized by letter dated 9/26/29 Clerk

Line No.	Acquisition by respondent			Actual money cost to respondent (j)	Amount at which carried on balance sheet (k)	3. If any franchise contains special provisions relating to: (a) compensation to municipality, including free service; (b) consolidation with competitor; (c) sale or assignment of the franchise; (d) prices to be charged by company; give full particulars of all such limitations, for convenience referring by line No. to each franchise concerned. If none of respondent's franchisees contained any such provisions, that fact should be stated.
	Date (g)	From whom* (h)	Date of authorization† (i)			
1						
2	1925	Town of Cundleton	1923	nothing	nothing	
3	1927	"	1927	"	"	
4	1923	" Newfare	1923	"	"	
5	1928	" Hartland	1928			
6	"	" Royalton	"			
7	"	" Ridgeway	"			
8	"	" Gaines	"			
9	"	" Murray	"	10508.70	10508.70	
10	"	" Clarkson	"			
11	"	" Parma	"			
12	"	Village of Middleport	"			
13	"	" Lyndsville	"			
14	"	" Medina	"			
15	"	" Albion	"			

* If any franchise was acquired by the respondent from any person or corporation other than the original grantor of the franchise, give hereunder the chain of the title connecting the original grantor and the respondent. † By Public Service Commission or its predecessors.

510. EMPLOYEES, PERSONAL SERVICE, AND ANALYSIS OF COMPENSATION.

1. Show hereunder the number of employees at the end of the year classified by departments and nature of duties.

2. Persons serving more than one department may be classified as "General".
3. Show in column (h) the distribution of the aggregate payrolls for the year.

N. L.	Class (a)	Entire company (b)	Electric department (c)	Gas department (d)	Other departments (e)	General (f)	DISTRIBUTION OF TOTAL COMPENSATION OF EMPLOYEES DURING YEAR	
							Account group (g)	Amount (h)
21	Executive, administrative, and	9	1	3	1	4	Electric operating expense—Direct	77360.45
22	supervisory						Electric operating expense—General	27045.15
23	Clerical	29	3	4		27	Gas operating expense—Direct	23419.54
24	All others	107	58	26	4	19	Gas operating expense—General	12555.84
25	Totals	145	62	33	5	45	Operations other than electric or gas—Direct	5973.90
26							Operations other than gas or electric—General	7286.83
27	4. State total amount of yearly salaries of officers at rates in effect at end of the year \$...						Fixed capital, electric	17686.48
28							Fixed capital, gas	29953.65
29	5. State separately the amounts charged to gas and electric operating expenses, and to gas and electric fixed capital for advisory or management services during the year together with the basis upon which the charges were determined and distributed. Give also the name of the organization to which such amounts were payable.						Other accounts (specify):	5030.90
30							Indec. Jolting	7469.49
31							Resumes	7460.50
32							Miscellaneous	10229.78
33							Total	223471.89

413. GAS PLANTS.

Show the location and the designation of each of the several gas plants in service of the respondent at the end of the year. If any were held by respondent under any title other than full ownership, give the particulars in a footnote.

Line No.	Coal gas plants					Water gas plants			
	Designation of plant (a)	Location of plant (including street and No.) (b)	Rated 24-hour capacity M cu. ft. (c)	Number of furnaces (d)	Number of retorts (e)	Designation of plant (f)	Location of plant (including street and No.) (g)	Rated 24-hour capacity M cu. ft. (h)	Number of water gas sets (i)
1						Gas Plant	Granite Ka gauge	750	2
2						Plant shut down			
3						gas is purchased			
4									
5									
6									
7									

414. AUXILIARY APPARATUS AT GAS PLANTS.

Show the particulars called for concerning the various auxiliary apparatus at the gas plants in the service of respondent at the end of the year. If any of the equipment described in these schedules was held by respondent under any title other than full ownership, give the particulars in a footnote.

L. N.	Holders (works and outlying)				Boilers			
	Designation of plant (a)	Number of units (b)	Maker or builder (c)	Capacity (d)	Designation of plant (e)	Number of units (f)	Maker or builder (g)	Capacity (h)
10								
11	Gas Works	1	Stacy Mfg Co	1,500,000	Gas Works	1	Coalitionville	125
12						1	Murphy, Iron Works	125
13								
14								
15								
16								
17								
18								
19	Gas Works	1	Gitter Convey	1,500,000				
20	"	1	No Record	50,000				
21					Gas Works	1	Troy Engine Co	15
22						1	Hodge	
23						1	City City Boiler Works	
24						1	Troy Engine Co	
25	Gas Works	1	No Record	12,000				
26	"	1	"	3900				
27	"	1	"	2900				
28	"	1	"	1350				
29	"	1	Leisher Mfg. Co.	6000				
30	"	1	No Record					
31	"	1	"					
32	"	1	"					
33								

415. TRANSMISSION PIPE LINE.

Show the particulars called for concerning the pipe line in service of the respondent at the end of the year for transmission purposes. The term transmission as here used applies only where the pressure is raised by means of compressors or boosters, and the gas is delivered to the pipes at higher than works pressure and is later reduced in pressure and delivered

to the distribution system proper; that portion of the pipe system used for conducting gas at the raised pressure is to be shown hereunder as the transmission pipe line. If any transmission pipe line described in this schedule was held by respondent under any title other than full ownership, give the particulars concerning respondent's title in a footnote.

Line No.	Termini of line		Diameter of pipe, inches (c)	Material (d)	Highest working pressure, lbs. per sq. in. (e)	Total length of pipe, feet (f)	Change during year (increase in black, decrease in red) (g)
	Point of beginning (a)	Point of ending (b)					
41	Pickards Bridge town	Gas Holder City of	6"	Steel	50	53924	
42	of Pendleton	Lockport					
43							
44	* Somet-Salway Plant, Buffalo, N.Y.	Pickards Bridge, Pendleton, N.Y.	Not available	Not available	Not available	Not available	Not available
45	Excerpt from letter dated 2/24/29 (2/29)						
46	* "above described line is owned by the Republic Light, Heat and Power Company, 512 Jackson Building, Buffalo, New York, and is held by year						
47	respondent under provisions of a lease from the above mentioned Company"						
48					Totals	53924	

† Total number of cu. ft. ‡ Horsepower. * Specify purpose for which used.

511. ACCIDENTS.

1. Show the particulars called for concerning accidents occurring in connection with the operations of the respondent during the year and resulting in deaths of or injuries to persons.
 2. Accidents to persons resulting in immediate death, or in death within twenty-four hours from the time the accident occurred, should be reported against the caption "Killed", all other accidents to persons, including those resulting in the death of the person injured after an interval of more than twenty-four hours from the time the accident occurred, should be reported against the caption "Injured".

3. Accidents to employees resulting in injuries so slight as not to incapacitate the injured employee for more than three days in the aggregate during the ten days immediately following the accident should not be reported.
 4. Of the total number of accidents reported state the number occurring outside the State of New York, if any.

Line No.	Item (a)	Class of employees								Persons other than employees (k)	All persons (l)
		Electric				Gas					
		Power house (b)	Line (c)	Shop (d)	Other (e)	Works (f)	Street dept. (g)	Shop (h)	Other (i)		
1	Killed										
2	Injured										

512. IMPORTANT CHANGES DURING THE YEAR.

Hereunder give particulars of the following matters, numbering the statements in accordance with the inquiries. If no changes of the character indicated have occurred during the year, state that fact.

- Brief description of generating plant in process of construction at end of year (electric and gas);
- Brief description of generating plant of which operation was begun during the year (electric and gas);
- Transmission and distribution line in process of construction at end of year (electric and gas);
- Transmission and distribution line put into operation during the year (electric and gas);
- Completed plant purchased, leased, sold, or dismantled (electric and gas); specifying items, parties and dates and also reference to P. S. C. case No. under which authority was given to acquire, lease, or sell. For purchase and sale of completed plants, specify as such, the date on which deed was executed.
- State separately for each class of capital stock the total amount subscribed for during the year, and the total amount issued during the year, giving for each (a) names of stock, (b) amounts subscribed for and amounts issued, (c) dates of actual issue, (d) purposes for which issued, (e) actual consideration realized, giving amounts and values, with reference to P. S. C. case No. under which issuance was approved. Give full particulars concerning all capital stock reacquired and all capital stock retired during the year giving date and cost of acquisition and date of cancellation.
- Like information regarding long term debt issued, assumed, reacquired or retired, stating, in case of retirements, the date and cost of acquisition and date of cancellation.
- All other important financial changes.
- If respondent's articles of incorporation were amended during the year give date of filing amendments and if a copy has not already been submitted to this Commission file with this report a copy of amended articles; otherwise specify the proceeding in connection with which the amended articles were filed.
- If during the year the respondent acquired other companies or was reorganized in any respect, or merged or consolidated with other companies, give full particulars; also give names of other companies owned, controlled, and operated in conjunction with respondent's property.
- All changes in and all additions to franchise rights describing fully (a) the actual consideration given therefor, and stating (b) the parties from whom acquired. If acquired without the payment of any consideration, state that fact.
- Attach a statement showing important units of plant and equipment installed, or permanently withdrawn from service during the year, not covered by inquiries one to five above and specify the book value of each such unit.
- Did respondent obligate itself as guarantor for the performance by another of any agreement or obligation, excluding ordinary commercial paper maturing on demand or not later than one year after date of issue? If so give full particulars of such guaranty.
- Did any other person, association or corporation perform for the respondent a service covered by inquiry 13 above? If so give full particulars thereof.
- All additional matters of fact (not elsewhere provided for) which the respondent may desire to include in its report.

- Transmission line in process of construction from Rockport to Holly (Gas)
- Line to Holly was put in operation during 1928
- Albion gas plant purchased from Mayara Rockport & Antares Power Co. as of Sept 27, 1928 - Case # 4970
- 6% Preferred (b) 1699 shares subscribed & issued (c) July to Dec 1928
- reimbursement for 1656 shares, 63 shares issued to retire like amount of
- 7% Preferred \$63,600 amount realized Case # 4816
- 63 shares of 7% Preferred were retired and 63 shares of 6% issued in place thereof
- No long term debt was issued or retired
- None
- Article of Incorporation amended June 5, 1928 P.S.C. Case # 4816
- Company acquired gas plant in Albion as of Sept 27, 1928 - P.S.C. Case # 4970
- Franchise acquired in form of Haptland, form of Goyakston, form of Ridgeway, Village of Medina, form of Newfane, form of Shelby, Village of Middletown, Village of Hilton, form of Ogden, form of Murray, Village of Albion, form of Gaines, Village of Snyderville, form of Yates, Village of Holly, form of Sweden, form of Clarkson, form of Palmyra all for Gas.
- No
- No
- None

Green Ink Corrections by P. S. C. Accounting Division

Authorized by letter dated 9/26/29 Clerk *ATP*

513. CHANGES IN GENERAL OFFICERS.

List all changes in general officers between end of the year and date of verifying the report, giving names of outgoing and incoming officers and dates of changes.

None

NEW YORK—continued

Hempstead and Suffolk Lighting Co., Hempstead—continued

Coke used, 12,768 tons; as generator fuel, 12,433 tons; for boilers, 133 tons.
 Boiler fuel used, 3,173 tons bit.
 Annual production, 181,853,000 cu. ft.
 Gas purchased, 516,576,000 cu. ft.
 By-products made: Tar, 353,169 gals.; drip oil, 57,930 gals.
 Calorific value, 837 B.t.u.
 Total gas holder capacity, 2,600,000 cu. ft.
 Plant power rating, 1,675 hp.
 Miles of mains, 418.
 Street main pressures, max., 1.8 in.; min., 1 in.; av., 1 in.
 Press. 45 lbs. with 3 in. at residence; controlled through governors.
 No. of services in the ground, 25,700; av. diam., 4 and 1 1/2 in.
 Max. day's send-out, 4,500,000 cu. ft.
 Annual sales, 1,039,943 cu. ft.
 Gas unaccounted for, 11%.
 Pop. dist. supplied, 185,000 (est.)
 No. consumers and meters, 53,114.
 Price of gas: First 2,000 cu. ft., \$1.75; next 2,000 cu. ft., \$1.10; all over 4,000 cu. ft., \$1.10 per M cu. ft.
 Supplies: Garden City, Hempstead, Hempstead Gardens, West Hempstead, Rockville Center, Baldwin, Freeport, Merrick, Mineola, Hempstead Harbor, Roosevelt, Bayside, Bellerose, Waukegan, North Bellmore, No. Merrick, Oceanside, Island Park, and intervening territory in Town of Hempstead and Town of North Hempstead.

HUDSON.

New York Power & Light Co., Hudson.

(Formerly Eastern New York Utilities Corp.)
 Controlled by Mohawk-Hudson Power Corp.

For capitalization and executive, see report under Albany, N. Y.
 Acting resident mgr., Powell Robinson.
 Process of manufacture, carburetted water gas.

Gas oil used, 251,234 gals.
 Water gas fuel used, 1,173 tons bit.
 Bit. used, 1,772 tons.
 Coke used, 28 tons; as water gas, generator fuel, 23 tons.

Boiler fuel used, 518 tons of special bit.

Annual production, 12,191,600 cu. ft.
 By-product made: Tar, 34,491 gals.

Calorific value, 527 B.t.u.; av., 542 B.t.u.
 Total gas holder capacity, 80,000 cu. ft.; relief, 40,000 cu. ft.

Steam plant rating, 200 hp.
 Miles of mains, approx., 18.
 Street main pressures, max., 8 in.; min., 1 in.; av., 5 in.

High pressure mains, 7 1/2 million pressure, 10-15 lbs.

No. services, 2,114; av. diam., 1 1/4 in.
 Max. day's send-out, 314,300 cu. ft.

Annual sales, 40,947,000 cu. ft.; sales divided, dom., 34%; indus., 6%.

Pop. city supplied, 11,718; district supplied, 13,118.

Gas unaccounted for, 18.92% (11 mo.).
 No. consumers, 4,115.
 No. meters, reg., 4,115.

Price gas: First 200 cu. ft., \$1; next 200 cu. ft., 10c; per 100 cu. ft., next 2,000 cu. ft., \$1.10; per 100 cu. ft., excess over 20,000 cu. ft., 13 1/2c; per 100 cu. ft., service charge, \$1.00. Min. charge, \$1.00.

Unit sales of gas appliances, 1928: Ranges, cookers and hot plates, 42; tank water heaters, 25; gas operated refrigerators, 2; 70% of ranges equipped with heat control; automatic storage, 20; space heaters, 7.

Estimated sales, 1929: Ranges, cookers and hot plates, 50; tank water heaters, 30; gas operated refrigerators, 4; incinerators, 1; laundry dryers, 1; space heaters, 10.

Supplies Hudson.

HUNTINGTON.

Long Island Lighting Co., Huntington Div.

(See report under Bay Shore.)
 Local supt., C. W. Chapple.

ITHACA.

New York State Electric Corp., Ithaca.

(Formerly New York State Gas and Electric Corp.)
 Subsidiary of Associated Gas and Electric Corp.

Managed by J. G. White Management Corp., 38 Liberty St., New York, N. Y.

Incorporated in 1923 under New York laws.

Principal address, Ithaca, N. Y.
 Pres., A. R. Tremaine, Oneonta, N. Y.
 Vice-pres., O. A. Strain, Oneonta, N. Y.
 Sec'y., J. P. McKenna.

Treas., O. R. Wacker, Ithaca, N. Y.
 Dist. mgr., W. M. O'Neill, Ithaca, N. Y.

Supp. eng., Utilities Purchasing & Supply Co., New York, N. Y.

Com. mgr., F. M. Houston, Oneonta, N. Y.

Supt., W. M. O'Neill.

Gas engr., E. E. Drake, Oneonta, N. Y.
 Distribution engr., H. Y. Lindeman.

Indus. fuel engr., R. E. Wright.
 Process of manufacture: Carburetted water gas.

Gas oil used, 118,544 gals.
 Bit. used, 3,463 tons.

Boiler fuel used, 1,461 tons bit.
 Annual production, water gas, 150,431,100 cu. ft.

By-products made: Tar, 49,465 gals.
 Calorific value, stand., 537 B.t.u.; av., 544 B.t.u.

Gas holder capacity, 100,000 cu. ft.; relief, 100,000 cu. ft.

Av. gravity of gas distributed, 0.57.
 Steam plant rating, 200 hp.

Street mains, 45.73 miles.
 Pressures, max., 4 in.; min., 4 1/2 in.; av., 1 1/2 in.

No. of services in the ground, 3,124; av. diam., 1 1/2 in.

Max. day's send-out, 157,208 cu. ft.
 Annual sales, approx., 125,527,200 cu. ft.

Sales divided: Dom., 47%; indus., 22%.
 Gas unaccounted for, 14.5%.

Pop. of city, 19,000; dist. supplied, 19,000.

No. consumers, dom., 4,119; indus., 248.
 No. meters, reg., 4,119; prepay., 4; indus., 115.

Price of gas: Indus. rate, gross, first 10,000 cu. ft., \$1.32; net 10,000 cu. ft., \$1.17; next 10,000 cu. ft., \$1.32; next 20,000 cu. ft., \$1.34; over 30,000 cu. ft., \$1.22. Disc., 10%.

Dom. \$1.32 gross, \$1.17 net.

Domestic appliances in use: Ranges, cookers and hot plates, 1,300; incinerators, 25; space heaters, 300; laundry appl., 25; water heaters, tank, 1,200; storage, 100; instant, 340.

Industrial appliances in use, 600.
 No. commercial gas and lamps in use, 8.
 Unit sales of gas appliances, 1928:

Ranges, cookers and hot plates, 124; tank water heaters, 58; automatic storage, 34; instantaneous, 1; laundry dryers, 1; gas steam radiators, 2; incinerators, 2.

Estimated sales 1929: Ranges, cookers and hot plates, 72; tank water heaters, 19; automatic storage water heaters, 71; space heaters, 223.

Supplies City and Town of Ithaca and Cayuga County.

Company supplies territory with electricity.

KINGSTON.

Central Hudson Gas & Electric Corp., Kingston.

Formerly Kingston Gas & Electric Co.
 East Strand St., Kingston, N. Y.

Principal address, 50 Market St., Poughkeepsie, N. Y.

Pres. and gen. mgr., T. R. Bent, Newburgh, N. Y.

Vice-pres., J. L. Wilkie, New York, N. Y.

Sec'y., E. A. Burness, Poughkeepsie, N. Y.

Treas., Wm. Schickie, Poughkeepsie, N. Y.

Process manufacture, Lowe.

Gas oil used, 751,140 gals.

Coke purchased, 1,008 tons.
 Coke used, 1,601 tons; as gen. fuel, 1,403 tons; for boilers, 2 tons.

Boiler fuel used, 1,057 tons; coke, 3 tons bit., 1,034 tons.

Annual production carburetted water gas, 144,320,700 cu. ft.

By-products made: Coal tar, 51,430 gals.

Calorific value, stand., 537 B.t.u.; av., 544.

Total gas holder capacity, 165,000 cu. ft.; relief, 40,000 cu. ft.

High pressure storage holders capacity, 100,000 cu. ft.; pressure, 50 lbs.

Average gravity of gas distributed, .57. Sales divided: Domestic, 45%; industrial, 45%.

Steam plant, rated, 455 hp.

Max. day's send-out, 142,400 cu. ft.

Miles of mains, approx., 49.

Street main pressures, max., 6 in.; min., 4 in.; av., 5 in.

High pressure mains, 10 miles; pressure, 25 lbs. per sq. in.

No. services, 2,152; diam., 1 1/2 in.

Annual sales, approx., 224,122,200 cu. ft.

Gas unaccounted for, 1%.

Pop. of city, 24,411; dist. supplied, 25,318.

No. consumers, dom., 5,818; indus. and commercial, 819.

No. meters, reg., 5,818; prepay., 1.

Price gas: First 100 cu. ft., \$1.50; next 2,000 cu. ft., \$1.10; next 10,000 cu. ft., \$1.10; next 20,000 cu. ft., \$1.10; next 30,000 cu. ft., \$1.24; over 100,000 cu. ft., \$1.25. Disc., 5%. Min. bill, 50c.

Supplies Kingston and town of Ulster.

Supplies electricity in territory.

LOCKPORT.

Lockport Light, Heat and Power Co., Lockport.

Principal address, Lockport, N. Y.
 Managed by United Gas and Electric Engineering Corp., 111 B-way, New York City.

Incorporated in 1921, under laws of New York State and is a consolidation of Lockport Gas & Electric Co. and Economy Light, Fuel & Power Co., City of Lockport franchise expires 2008; Town of Lockport franchise is perpetual.

Chairman of the board, J. I. Manne, New York, N. Y.

Pres. and gen. mgr., E. G. Connette, New York, N. Y.

Vice-pres., H. C. Hopson, J. M. Day and H. M. Seale.

Vice-pres., T. W. Connette, Lockport, N. Y.

Sec'y and asst. treas., J. A. McKenna, New York, N. Y.

Treas., H. C. Hopson.

Asst. sec'y and asst. treas., John A. Huff.

Gas engr., Elec. Gas & Elec. Engineering Corp., New York City.

Compt. engr., H. L. Wagner, Lockport, N. Y.

Supt., J. A. Noble, Lockport, N. Y.

All gas purchased, 227,490,000 cu. ft. coke oven from Sunset-Sunray Co.

Calorific value: Standard, 537 B.t.u.; average, 512 B.t.u.

Gas holder capacity, storage, 700,000 cu. ft.

High pressure storage holders capacity, 120,000 cu. ft.; pressure, 50 lbs.

Average gravity of gas distributed, .57.

Steam plant rating, 270 hp.

Maximum day's send-out, 834,000 cu. ft.

Gas unaccounted for, 9.1%.

Pop. of city, 21,200.

No. consumers, dom., 5,115; indus., 1.

No. of meters, dom., reg., 5,115; indus., 22.

Price of gas: First 200 cu. ft., \$1.12; next 2,000 cu. ft., \$1.10; next 5,000 cu. ft., 9c; disc., 1c; per 1000 cu. ft. Min. bill, \$1.52 gross, \$1.50 net.

Supplies Lockport, Medina, Albion, Holley, Seware and Gasport.

Company supplies Lockport with electricity.

508. Territory Served and Competing Distributors of Electricity or Gas - Gas

Territory Served at end of Year

Competing Electrical

Name of Municipality			Date of Franchise (f)	Date When Service was First Begun (g)	Population (h)	Name of Corporation (i)
Cities (a)	Incorporated Villages (b)	Towns (d)				
Cortland			Jan. 3, 1887	1860	15 041	Cortland Traction
Ithaca			Sept. 23, 1852	1853	20 278	None
Lockport			July 3, 1905	1905	21 676	None
Mechanicville			Sept. 7, 1899	1901	8 514	None
Norwich			May 8, 1901	No record	8 345	None
Oneonta			Mar. 6, 1881	1881	12 057	None
Plattsburgh			Oct. 2, 1894	1890	11 552	None
	Albion		Sept. 19, 1928	1928	5 206	None
	Granville		Dec. 2, 1901	1902	3 547	None
	Hilton		June 11, 1928	1928	915	None
	Holley		July 19, 1928	1928	1 705	None
	Homer		-	1860	2 553	Cortland Traction
	Lancaster		Aug. 20, 1901	1902	6 748	Iroquois Natural
	Lyndonville		June 18, 1928	1928	763	None
	Medina		Sept. 7, 1927	1928	6 192	None
	Middleport		Dec. 21, 1927	1928	1 537	None
	Albion		May 6, 1929	1928	6 347	None
	Barre		May 4, 1929	1928	1 780	None
	Cambria		Feb. 1, 1927	1928	1 817	None
	Clarkson		May 17, 1928	1928	1 501	None
	Cortlandville		-	1860	3 521	Cortland Traction
	Gaines		Apr. 6, 1928	1928	1 862	None
	Hartland		July 9, 1927	1928	2 719	None
	Lancaster		July 7, 1902	1902	2 723	Iroquois Natural
	Lockport		Sept. 12, 1925	1928	2 379	None
	Murray		May 7, 1928	1928	3 621	None
	Newfane		Sept. 16, 1927	1926	4 224	None
	Ogden		May 15, 1928	1928	3 066	None
	Parma		May 25, 1928	1928	3 258	None
	Pendleton		May 2, 1927	1928		

Entered in P. S. G. M.
Authorized by letter dated 11-1-28