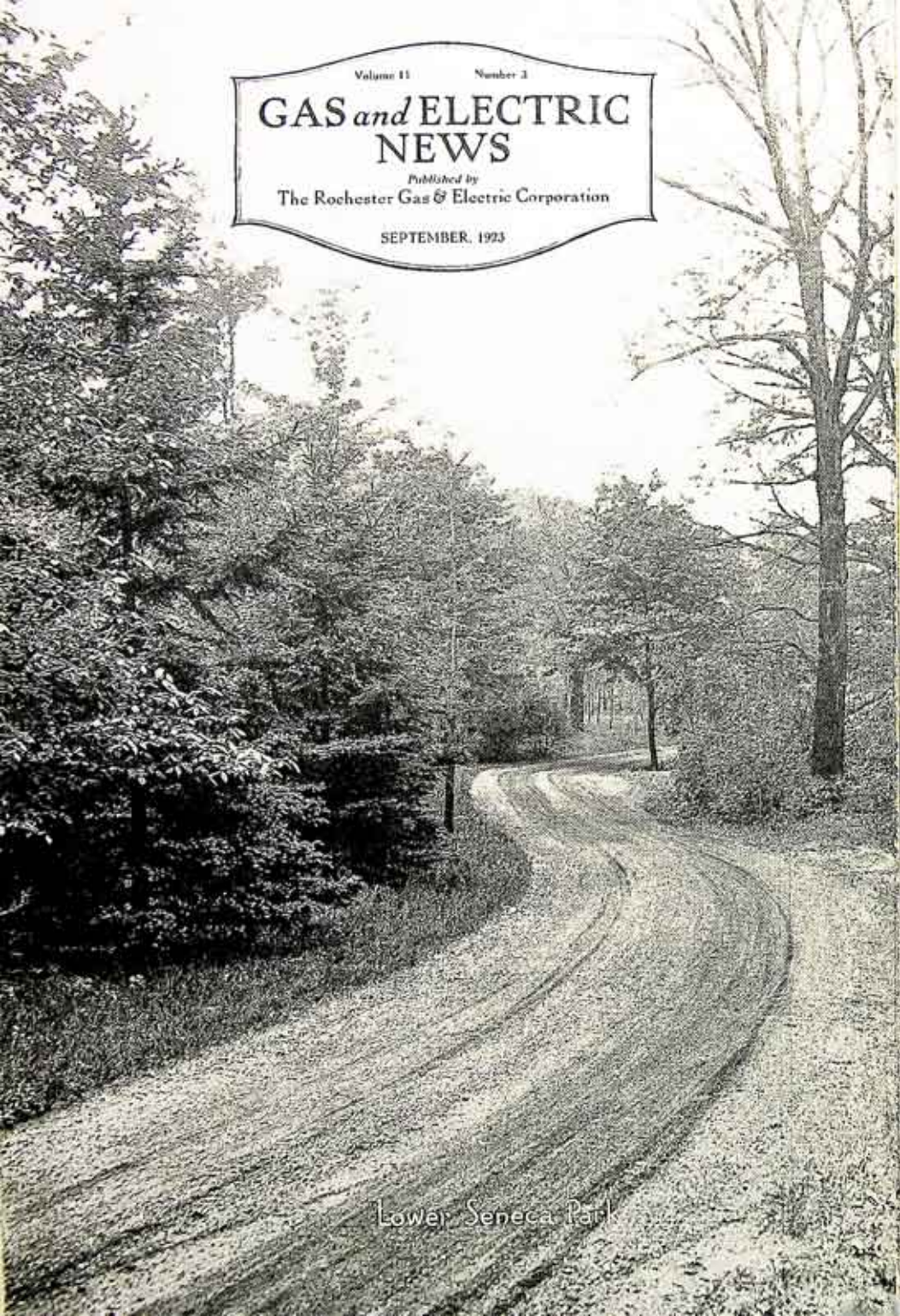
Volume 11 Number 3

GAS and ELECTRIC NEWS

Published by
The Rochester Gas & Electric Corporation

SEPTEMBER, 1923



Lower Seneca Park

SERVICE

YOU turn a valve or press a button, and utility service begins to work for you. All the slaves of all the previous eras of life could not work so well, nor could any other agency today work so economically.

In terms of convenience, labor-saving and human happiness, the value of utility service cannot be calculated. It can only be appreciated when you try to think what life would be without it.

GAS AND ELECTRIC NEWS

Vol. 11 September, 1923 No. 3

The Dolomite Products Company

FRANK C. TAYLOR

THE Limestone Quarry on the Buffalo Road which was formerly operated by the Becker Limestone Company, was purchased a few years ago by the Dolomite Products Company of Rochester. Since that time, under the management of Mr. John Odenbach with Harvey H. Clark as Superintendent, new equipment has been purchased and the plant redesigned and enlarged. Now Rochester can boast of one of the largest and best equipped Limestone Plants in the State, in fact, this plant is one of the few electrically operated plants in this country.

The dolomite limestone, which is of the very best quality, is crushed and used in various sizes for macadam roads, concrete buildings and roads, and for flux in blast and open hearth furnaces. In finely pulverized form it is also used in agriculture to counteract the acidity of the soil, to break up clay soil and for making glass and asphalt fillers.

The process of converting the raw limestone into the finished product is as follows: First the top covering of dirt is stripped from the bed of limestone, after which holes are driven into the rock by the electric drill shown in Figure 4. Then, by dynamite, the face of the ledge is blasted off into the quarry or pit below. The rock thrown out from the blast is shoveled by the 70-ton Bucyrus steam shovel, shown in Figure 3, into five-ton trucks which convey it to the gyratory crusher shown in Figure 5. This crusher consists of a gyrating head or shaft, which crushes the rock against the outer steel concave into which it gravitates. The crusher is driven by a 100-H. P. electric motor and can crush 250 tons of rock per hour. In Figure 2 one of the trucks is shown dumping stone into the gyratory crusher.

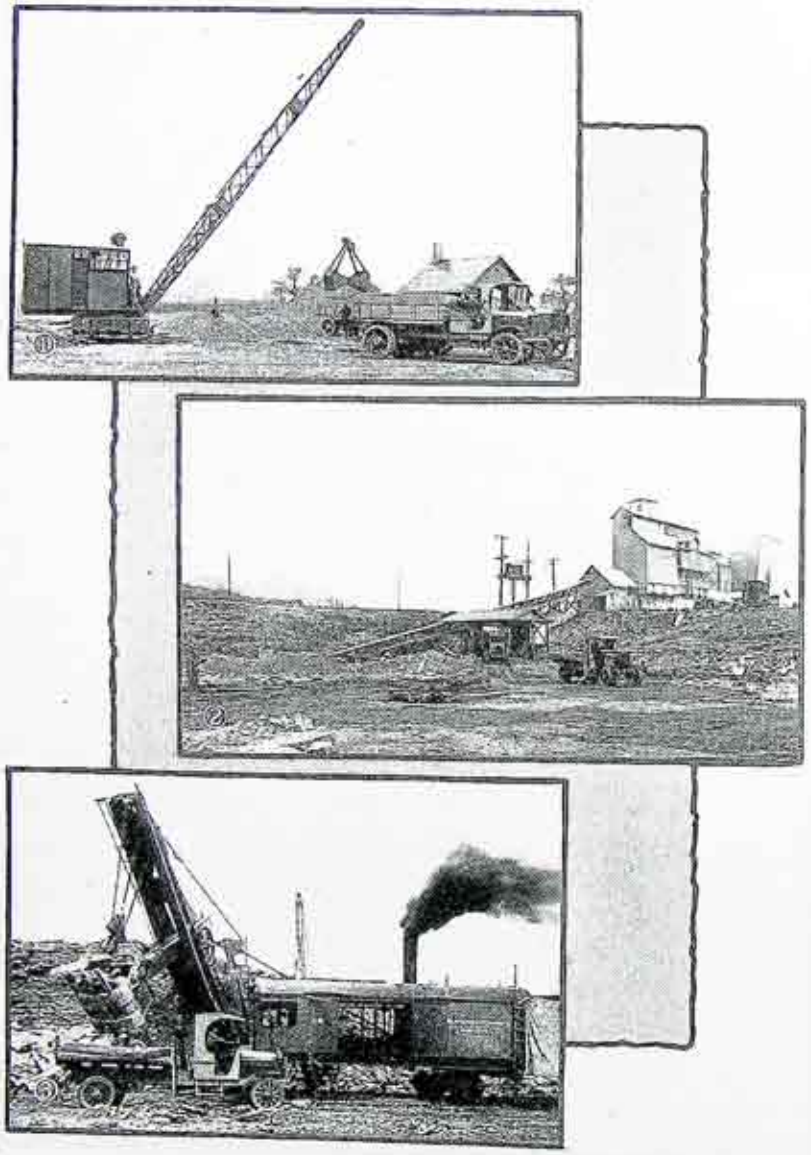
The stone then passes from the crusher house, shown in center of Figure 2 to a conveyor belt which conveys it to the first building on the hill. Here the stone is further crushed by two secondary crushers from which it is automatically transported to screens which size it after which it passes in turn to storage bins.

Chutes on the side of the building permit the easy loading of trucks with any of the ten different sizes of rock which are available. Provision is also made for loading it directly into railroad cars on the Company's siding back of these buildings.

The residue of fine material passes over conveyors to grinding mills which pulverize it to a fineness suitable for use on the farm, etc. The silo shown in the background of Figure 2 is used for the storage of the ground limestone.

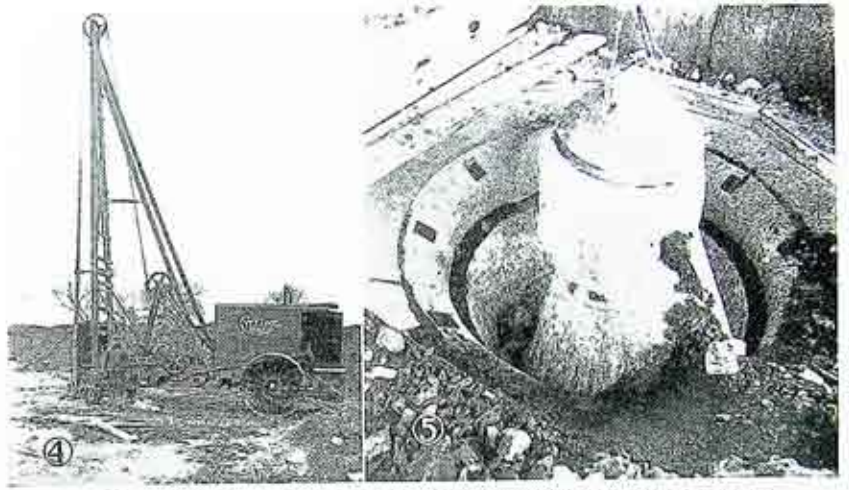
In order to efficiently handle the crushed rock from the storage pile into trucks, etc., a twenty-ton electric locomotive crane driven by a 75-H.P. motor as shown in Figure 1 has been provided.

Inasmuch as the demand for its product is at a maximum during the summer months and at a minimum during the winter period, this plant



Scenes at the Dolomite Plant.

1—Twenty-ton Electric Locomotive Crane Driven by a 75-horsepower Motor.
2—General View of the Dolomite Plant, Crusher and Belt Conveyor.
3—Seventy-ton Bucyrus Steam Shovel.



4—Electrically Operated Drill. 5—Two hundred and fifty-ton Gyrating Crusher.

operates normally from April 1st to January 1st, and relies on the ample storage pile for the required supply in winter.

In all, 456 horsepower in 230-volt, 60 cycle, induction motors connected to the lines of the Rochester Gas and Electric Corporation, are used in the various parts of the process. The product of this plant is sold at the bins or delivered to suit the customer. For delivery purposes, a fleet consisting of 12, 5-ton trucks is operated by the Dolomite Products Company. To give some idea of the size of the plant it may be stated that it has a maximum capacity for a 10-hour day of 1500 tons of crushed limestone.

This plant constitutes a real convenience to this city and its environs and because of its excellent service and product hundreds of important municipal and private road and building jobs are speeded up daily and completed at a minimum in time and expense because of the elimination of the shipping factor which is so often the bugbear in construction work.

Public Utility Earnings

A VERY interesting comparison has been published in the New York *Evening Post*. Over a period of thirty years (and a longer period cannot be fairly used, owing to the recent development of Public Utilities), the following is shown. The risk of receivership in Industrials is $2.07 per annum per $100 of securities outstanding; in Railroads it is $1.84 and in the case of Public Utilities it is $ .37. This last figure is only $ .05 above that for National Banks. These figures are even more significant from the fact that the Railroads during the same period showed average net earnings of 4½%; Industrials, 7.8%, and Public Utilities, 8.45%.

The gross earnings of Public Utilities Companies has shown an almost steady yearly income and this should continue as there is a great chance for development in every part of this field.

Public Utility Bond holdings of Banks have greatly increased in recent years—at a faster rate than Railroad Bond holdings.—*Investment Department, Rochester Gas & Electric Corporation.*

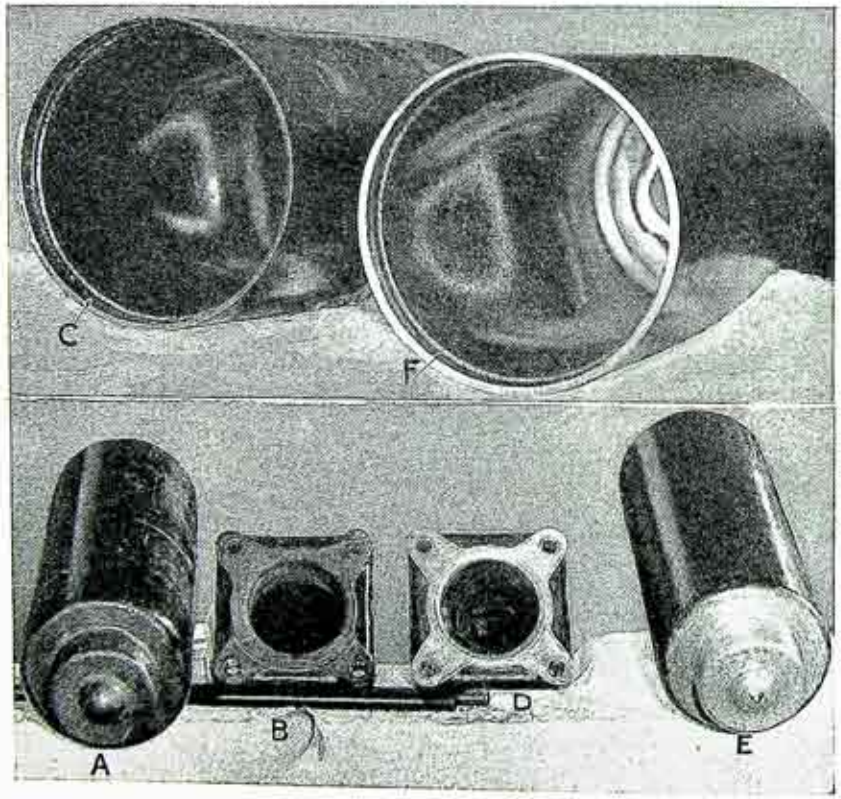
Oil Switch Testing

MARVIN M. WINTER

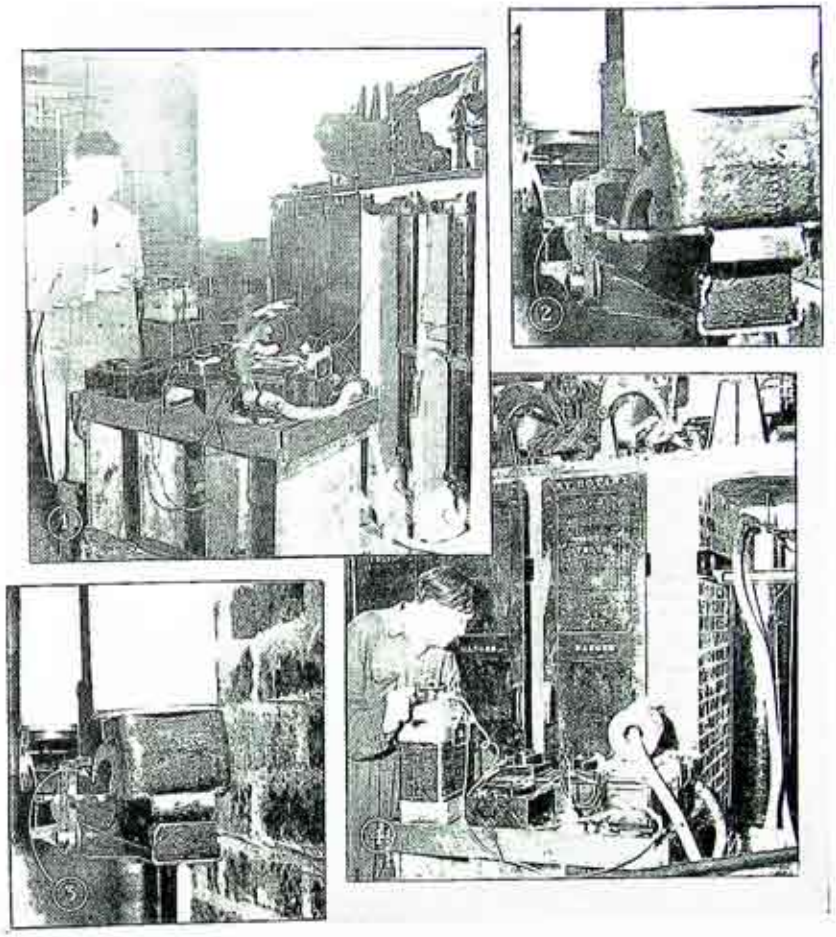
IN a number of the Company's substations direct current is not available to any appreciable extent for the testing of oil swtiches, therefore, Mr. Charles W. Miller devised and developed an Alternating Current Testing Set which was described in the March, 1922 issue of this Magazine. The remarkable results accomplished with this equipment have been far beyond expectations. Numerous faulty switches and contacts which it was thought impossible to occur, have been discovered by this Oil Switch Testing Set. We will endeavor to describe as briefly as possible some of the defects which were found and corrected by this method of testing.

On some of the switches, important distribution circuits and tie lines, rods were found practicaly burned off, and, as a result, were making contact only by arcing across. Many of the rods were not down a sufficient distance to make full contact, and many of them were badly blistered, thus preventing maximum conductivity.

On still other switches, there was not a sufficient amount of solder to carry the load and frequently the fingers would be burned under or out by the closing stroke of the bar. This formerly necessitated removal of the tanks (a very laborious undertaking, requiring the services of six men) as well as replacing the burned fingers.



Figures A, B and C, indicate Switch Parts Corroded by Paint and Rust Which Prevented a Proper Contact, as the Test Showed. Figures D, E and F are similar Switch Units entirely free from these Substances as a Perfect Test plainly demonstrated, and Subsequent Inspection Verified.



Figures 1 and 4: Mr. Winter and Mr. Sutherland carrying out Tests on two different types of Switches, the Meters indicating their Exact Internal Condition. Figure 2: A Switch Making Perfect Contact, and Figure 4: A Poor Contact caused from Pitted Condition of Arcing and Main Contacts. All this valuable information is indicated by the Testing Set as Numerous Demonstrations have consistently shown.

Again, where the test developed defects it was found that the arms were often blistered quite badly, thus preventing solid contact. Upon lowering the oil switch tanks that gave good readings on this set, no pitting or poor contact was found, thus giving concrete proof that it was showing its worth and had not given inaccurate results.

Often transformer switches tested out poorly because of intense heating. The bolts were loose and too long, the shoulder of the bolt not touching the lugs, proving that the insulation was the only holding force. These faulty switches had been heating for some

time and the defect was unknown until the application of this test which pointed out the entire trouble. The test also showed the advisability of resoldering the lugs on the single phase circuits, and that they were unable to carry capacity current without excessive heating, the wire being burned for a distance of about two feet from the lugs.

On some switches it was necessary to chisel several of the lugs open as they were crystallized so badly that all conductivity was lost, contact being made only by arcing across the inside of the lug. It was a peculiar situation as everything was found mechanically rigid yet the drop showed the switch to be in bad condition. However, with the installation of new lugs, the switches tested O.K.

This should not be taken as a criticism of any previous testing. It is cited merely to show the inaccuracy of using tissue paper, or other commonly used means, for a guide to insure good conductivity. Two of the Company's engineers, the operators and the maintenance men are unanimous in stating that the only absolute way of assuring good contact is by an electrical test. Finding the defects enumerated above only by means of the new method of testing, proves the fact very conclusively.

Before attempting to do any repair work on the switch, the auxiliary apparatus is always very thoroughly inspected and overhauled after which the switch is tested. The men who make the test are well protected against any static discharge on long lines or when it is impossible to disconnect the back feed, by leaving the switch dead grounded during the entire period of testing.

This testing apparatus is also a great labor saving device for previous to its use from six to eight men were required to dismantle and reassemble a switch, whereas it now requires just two men to do the entire work, the dismantling being now unnecessary.

With the development of the Portable Oil Testing Set, and the compact Switch Testing Set, Mr. Miller has inaugurated a system under which the Company's oil switch equipment is tested periodically, thereby eliminating so far as possible the chance of breakdowns and cutting the consequent interruptions of service to an absolute minimum.

Gas For Fuel Rather Than Light

IN March, 1883, a few months after the opening of the first electrical central station in New York City, the Electrical Review printed the following "Hint to Gas Companies."

"We would commend to the attention of the gas companies one feature especially of the Electrical Exhibition now being held at the Westminster Aquarium, London. It consists of a practical exposition of the greater value of gas as fuel for a dynamo machine than as an illuminant. A small gas engine is made to work a dynamo of sufficient power to generate electricity for the complete lighting of a country dwelling."

The 'hint' was taken, and the gas industry, instead of dying, as the adherents of the new electric light predicted, has continued to grow along the lines thus suggested. In 1883 gas was used almost exclusively for lighting. An analysis of the record production of gas for 1921 shows that of the total of 323,000,000,000 cubic feet of gas manufactured in the United States only 18.5 per cent, or less than one-fifth, was used for illumination, all the rest, or more than four-fifths, being used for fuel—for cooking, and heating homes, and for hundreds of industrial processes.

Thus the gas and electrical industries, instead of conflicting, have developed together, each along the lines of its greatest usefulness.—*Utility Bulletin.*

Lighting the Home

HELEN A. SMITH

Miss Smith, an Electrical Engineer and expert in illumination, is a member of the Industrial Sales staff. Home illumination is her specialty, and her valuable advice is free, being an added Company service paralleling its well known industrial activity. Read her suggestions, consult her, and tell your friends and neighbors of her free service.

HAVE you ever stopped to think that merely because you work for the Gas and Electric Company you are considered an authority on Company methods by your neighbors? Well, don't they ask you all kinds of questions about their meters and bills? You, of course, can tell them about meter testing, but you can help in another way, that is by being able to talk with them about their lighting problems.

Many times you meet people who would like to have their homes wired for electricity, but they seem to have the idea that to do this the house must be taken apart, wired and the pieces put together again. You know that such is not the case.

There was a woman in the office the other day who had recently bought a house that had needed remodeling. She said that of all the workmen they had had around the place she wouldn't mind having the electricians come again. They had been the cleanest and had caused the least trouble.

Have you ever seen a good electrician and his helper wire an old house? It is a pleasure to watch them. They cut small holes in the walls and ceiling where the fixtures, convenience outlets or switches are to be located. They work the wire behind the lathe and plaster to these holes. Sometimes it is necessary to take up one or two floor boards in a bedroom in order to do the wiring for a ceiling outlet downstairs. I saw a house where this had been done. Only a close inspection would tell which boards had been removed.

There is little inconvenience having a house wired and a great deal of comfort resulting from the operation.

Then there are the families who are building new homes. The man of the house decides what kind of a furnace shall be installed—he is going to take care of it. The housewife insists upon a kitchen that is planned to give her the greatest amount of convenience possible. The young lady daughter wants a fireplace—it is pleasant to entertain company in front of a fire on a cold evening.

Who thinks about the lighting? Father is liable to put part of every shovelful of coal on the floor unless he can have a light in front of the furnace. Mother's kitchen will be wonderful by day and tiresome by night unless she has light where she wants it. Of what use is the atmosphere created by a cozy fire and easy chairs unless it is possible to have a well shaded table or floor lamp in the background?

Every member of the family should be interested in planning the outlets in the house to give the greatest comfort and convenience for all.

New Hold Signs Used in Our Electric Stations

By ADOLPH FAUTH

FOR the purpose of assisting the switchboard operators in this Company's Electric Stations and to promote increased safety, the old cardboard "Hold" signs have recently been replaced by a new type of composition leather holder, containing printed cards, as illustrated below. Upon a suggestion and an outline from Mr. Yawger, Superintendent of the Electric Department, who gave the matter some study, this new type sign and holder was developed and has proven very satisfactory. The holder, substantially constructed, is made of black, non-conductive material and forms an excellent background for the word, "HOLD" printed in red letters on a white card thereby presenting a conspicuous appearance wherever placed. It has two pockets, the upper one for the "Hold" card, similar to the old style, and the lower one for a specially printed card to obtain all the information incidental to each occasion. The notification to "cut out" or "hold" any circuit or apparatus, after received and executed, is immediately recorded in detail in the log book and also on the printed card. The card is then inserted underneath the Hold Sign which is placed in its proper location. Upon receiving the O. K. to the interruption or notification to restore service, the same procedure is followed and then the card containing the information is removed from the holder and turned over to the foreman for future reference. This method reduces to a minimum the possibility of misunderstanding due to the changing of shifts in operation, and though requiring a little additional time recording the data, has proven invaluable inasmuch as the information is presented right on the switchboard or apparatus where it is most useful.

The Hold signs were primarily intended and designed for switchboard operation but their usefulness has been recognized by other departments, which have adopted them for their particular work and the New York State Railways recently purchased a supply for its sub-stations.

IN the Fall, when the larger rugs are usually taken up, the proper care of hardwood floors becomes doubly burdensome. Even mopping, however, can now be done electrically, with this new mop attachment for the Sweeper-Vac. It is like the ordinary dry mop one uses on these floors, but has the additional advantage of suction.

Mr. Haftenkamp Gives Us A Good Service Thought

WHEN asked recently by a representative of Gas and Electric News if he had some specific thought or suggestion of a constructive, helpful nature to pass along to its readers, Mr. Joseph P. Haftenkamp said he believed he had. In the subsequent conversation the Superintendent of the Company's Gas Department brought out a thought which, if accepted at its true value and used by employees generally, would do much to insure to every customer of the Company a brand of service which would closely approximate 100%.

Turning to his desk, Mr. Haftenkamp read a letter received in the morning mail from a customer of the Company. This letter fairly breathed satisfaction and appreciation for the thoroughness and dispatch with which a certain job had been accomplished recently by the Company.

"This letter," Mr. Haftenkamp explained, "is but one of many received from time to time from satisfied customers of the Company, and it naturally pleased the Management from the President down to the heads of the departments under whose supervision the work to which it referred was done. And herein lies a fundamental thought which it might be well for each one of the employees of the Company to assimilate! Let us strive each day to do every task no matter how small with the same thoroughness and dispatch with which we would assail it if we knew that its detailed progress were to be brought at night to the attention of the Management. Not only do our successes frequently come to the attention of the 'boss', but our failures as well. Therefore, no job is ever given us no matter how insignificant, to all appearances, that does not merit the best there is in us.

"The average employee," Mr. Haftenkamp continued, "seldom has the opportunity to test his metal on the so-called big things in our industrial experience. Such tasks naturally fall to the lot of the executives of the Company who are qualified by long experience and training to handle them with practised skill. But the well-laid plans of the most capable Management may fail of their full accomplishment because of the lack of employee co-operation in the things that they can do well. Surely, we shall never be given an opportunity to tackle the big problems until we have demonstrated our ability to cope successfully with those of a smaller caliber. But who among us shall say which are the little things. Examine any one task so considered and you will find that it possesses potential possibilities for bringing joy, commendation, respect and even great praise to the one who buckles in and does it well."

Mr. Haftenkamp said that the cultivation of this spirit in our work amounts practically to a corallary to the Golden Rule. It is the application of "Do unto others as you would have them do unto you", a command which we often lose sight of in the hustle and rush of modern times.

"This," he stated, "is applicable to every walk of life and especially so in our business which has so many points of contact with the public which we serve.

"True, the 'boss' does not always know what we do from day to day. But how about the public? The public utilities of today are practically owned by people in all walks of life. When we, in the course of our day's work in the office, the shop, on the street or in the homes of customers of the Company, perform any one of the numerous tasks which go to make up the

(Continued on page 91)

GAS *and* ELECTRIC NEWS

ROCHESTER GAS & ELECTRIC CORPORATION
34 Clinton Ave. N., Rochester, N. Y.

FLOYD MASON :: :: :: :: *Editor*
Employment and Claim Department

Department Correspondence Staff

EDWARD A. ROESER :: *Industrial Sales*
JOSEPH P. MACSWEENEY :: *Domestic Sales*
C. KARLTON MILLER :: *Electric Generation*
HENRY A. DAVIS :: *Electric Distribution*
WILLIAM H. EARLE :: *Gas Manufacture*
WADSWORTH C. SYKES :: *Gas Distribution*
FREDERICK H. PATTERSON :: :: *Auditing*
HOWARD HARDING :: :: *Engineering*
RAYMOND FLAHERTY :: *Electric Construction*
GEORGE B. HISTED :: *General Construction*
Miss FLORENCE FREER, *Housek'pg Suggestion*
(Home Economics Bureau, Chamber of Commerce)

Vol. II September, 1923 No. 3

The Why of Conventions

THE early fall is the season for Fairs, Expositions and Conventions and several Company employees have recently, as usual, spent a few strenuous, but pleasant and profitable days in connection with the Annual Conventions of the various Technical Associations in which the Company is interested.

This phase of Company activity is probably the most important from the point of view of percentage return upon expenditure that the Company undertakes, for in no other field of its business activity does the money which the Company spends for brains, labor and material go farther.

There are five major Technical Associations to which Company representatives are regularly sent, namely, the American Gas Association, The National Electric Light Association, The Association of Edison Illuminating Companies and the Empire State Gas & Electric Association. There are, in addition, several others such as: The National Safety Council, the American Personnel Association, The Association of Heating & Ventilating Engineers, etc., which are attended by a small number of Company employees having a special interest therein.

The standard convention procedure is so familiar as to need little description, consisting in general of committee reports, set papers and general discussion. The tendency in recent years has been to have papers covering those phases of business activity which are on the firing line of knowledge. In this way each participant, either through the presentation of a paper or by discussion, brings forward for the benefit of all whatever may be new and beneficial in the conduct of the public utility business, which he himself or his Company has experienced.

The executives of modern Public Utilities are satisfied that through conventions their specially qualified employees can best be kept from getting into ruts. By visits to other localities, through the interchange of ideas, through the making of new friendship and renewing of old associations, the interest of employees in the business is stimulated, their efficiency is increased and the Company benefits through its ability to render better service. The individual employees concerned are likewise helped to assume a better station in life. Many times ideas which have been brought home have more than paid the expenses of an entire year's participation in Conventions.

Convention work looks easy to the uninitiated and is sometimes criticised. As a matter of fact convention activities are hard work, although there is always the exhilaration secured from traveling, of new scenes and new faces, the pleasure of meeting old friends and the satisfaction of securing new ideas. Quite often through a convention visit, we return with greater pride and satisfaction in our own Company than when we left. Convention delegates are thus stimulated to a greater responsibility of their duty to their Company and to the public, especially as the keynote of modern conventions is "Service". As business men it is our duty to secure the best possible service through the full utilization of our resources, and as the modern world moves very quickly, business needs the great convention clearing house on the firing line of progress.

Good Service in Business

BUSINESS men find that service produces business and that good management makes good service possible. They know that others, as well as themselves, succeed and discover better ways in their success so they welcome an opportunity to exchange information on methods. They know that getting along with customers is not only a gift but an art, and that knowledge of the common experience of many men in working with men and in gaining the co-operation of the workers is of great value.

In such words as these, an official of one of the country's greatest insurance concerns makes a plea for a greater development of those business organizations which seek to bring merchants and others into closer touch with one another for their common good. It has taken a long time, he says, for us to realize that what we call politics is of less concern to us than what we call business. We are or should be less a political people than an economic or business society, and all the good that can be accomplished through government action is relatively unimportant, as compared with service opportunities in business, commerce and industry. Unemployment, he adds, purely from business incompetence and downright failure in business undertakings, is by far a greater evil than those which governmental mismanagement is likely to create. The hope of America to attain the position of an exemplary nation of general well-being lies in our capacity to know, to share and to employ the great accumulation of fact, science and experience that we gain in the day-by-day development and conduct of economic activities.

More and more are the business men of the country coming to realize the value of good service to those who patronize them and more firmly are they convinced that there can be no permanent success without such service. The public is now demanding the best and will be satisfied with nothing less. The past few years have been marked by a rapid advance in this direction, and while much of this progress is due to individual initiative, not a little of it is the result of those well-established organizations which have brought business men into closer relation with one another and have given to all the benefit of the experiences of others. Thus, service, not only in the usual sense of the word, but through sharing experience in ability to achieve, may be made the instrument through which business, big and little, can effectively co-operate to advance the interests of all.—*Rochester Herald.*

Station Y. O. U.

HAVE you ever stopped to think of yourself as a radio, as a sending and receiving station? It is what you radiate every day that is picked up by those who come in contact with you, either face to face, or over the telephone.

If the human radio sends out cheerfulness, the waves of cheerfulness are picked up, amplified and broadcast.

Keeping this thought in mind, "tune in" at the beginning of each day to receive and to broadcast co-operation, courtesy, accuracy and speed, and you will find at the end of the day that you have gathered to yourself large quantities of that which is priceless; contentment and charity.

—*Telephone Review.*

Excellent Service

AN example of the high-class service which this Company's Electric Department is able to render, even in trying emergencies, was noted recently in the Rochester press. A large transformer at the plant of the Lock Insulator Company, in Victor, burned out just before quitting time on July 19th. With commendable dispatch, that Company notified Superintendent Yawger of the difficulty, stating that the plant would of necessity remain idle the following day unless the damage could be immediately repaired. Mr. Yawger immediately ordered a transformer of the proper capacity to be placed upon a reinforced automobile truck. This was taken to Victor that evening. Working all night, employees of the Company succeeded in installing it in time to permit the large plant to resume business as usual at 7:30 A. M. Thus, excellent service by this Company prevented a substantial economic loss, and many Victor wage earners were saved the hardship of lost time.

Results of the Stock Selling Contest

WE are presenting below a list of employees who took part in the stock selling contest which was conducted by the Investment Department during the period of April 1st to July 1st, 1923.

Over 291 shares of stock were sold by these employees who deserve credit for the interest they took in thus promoting the welfare of their Company by making known to their friends and acquaintances the sterling worth of its stock.

Mr. James Casey won a prize of $50 in cash for selling stock to the greatest number of subscribers, while Mr. Thomas Cougevan, of Canandaigua, won the same amount of money for selling the largest amount of stock.

Mr. Cougevan did not know there were any prizes to be awarded in the contest, his first intimation of it being upon receipt of the Company's check for $50, which he said, came at a very opportune time as he had just ordered his winter's supply of Company coke and therefore used his prize money for that purpose.

The Financial Department will be glad to inform any employees of many talking points which they may use in selling Company stock, as well as give them printed matter which speaks for itself in creating a real desire to own shares of it. It should not be hard for employees generally to dispose of blocks of it, and the reward for so doing is a genuine satisfaction of having interested friends in a savings proposition of unusual merit and safety and the commission of 1½% per share sold. Why not sell ten shares this month and increase your earnings by a check for $15.00. The list of entrants together with the number of shares and subscribers sold follows:

Name	*Shares*	*Sub.*
W. J. Graham	2	1
H. P. Gould	1	1
J. P. MacSweeney	49	7
E. Carroll	7	6
E. Gosnell	5	1
T. Cougevan	78	3
L. Newman	3	3
F. Hodgson	20	10
J. Ross	2	1
L. Rogers	5	1
H. Klumb	5	1
T. Nash	2	1
N. Shears	2	1
R. Farnham	10	1
James Nolan	2	2
C. Roth	3	1
R. G. Henry	2	1
R. E. Kruger	26	16
J. Casey	48	20
Ed. Wiegand	10	1
C. Benham	9	2

How Much 6% Stock Have You Sold?

The Company's Exhibit at the 1923 Exposition

WHAT to have in the way of an exhibit at Rochester's annual exposition is a question which requires no little consideration on the part of those responsible for it some weeks previous to the event itself. And after a workable idea has been evolved, in the words of a modern slang expression, "The worst is yet to come", for its final unfolding means real work to employees in various departments whose combined efforts make possible an exhibit that will be an honor to the Company as well as a matter of interest and education to the thousands of others who observe it. The exhibit this year followed in character that of last season and comprised a story of Company activity and service together with the added attraction of a model toy city.

Located in a central position and flanked on the right and left side, respectively, by the gas and the electric meter exhibit this animated toy city formed a nucleus of attraction for old and young. Its well-lighted streets, residences, business blocks, factories and public places spoke volumes for the utilization of electricity in modern illumination problems. The activity of miniature trolley cars, suburban cars, and subway and mountain trains in like manner accentuated its everyday utility to the general public which it serves.

Indeed, the interest in the toy city was so great that it became necessary at frequent intervals to turn off the bright lights and temporarily stop all the action in order to allow a different group of exposition visitors the

This huge Float was 22 feet long and 8½ feet wide and the top of the flowered lamp was 14½ feet from the ground. It won Second Prize in Division Number One.

privilege of observing it. Parents of small children heartily concurred in this procedure for it was practically the only way in which they could induce their offspring to leave this center of interest. Some of the attraction toward this part of our exhibit is easily explained by the psychology which dictates adequately-lighted show windows as business getters, while its completeness and faithfullness to detail mark it as a real work of art.

just how the inside of these meters look, that they are carefully tested at regular intervals according to the regulations of the Public Service Commission, and many other things of educational value. What is more, they actually saw them in operation and observed through a magnifying glass the tiny jewels that make their operation as reliable, if not more so, than a fine watch. They were also shown the various types and sizes of meters in regular use in homes, factories and

have been removed; replacing leather diaphragms in cases which have been cleaned, and renewing worn parts and grinding meter valves.

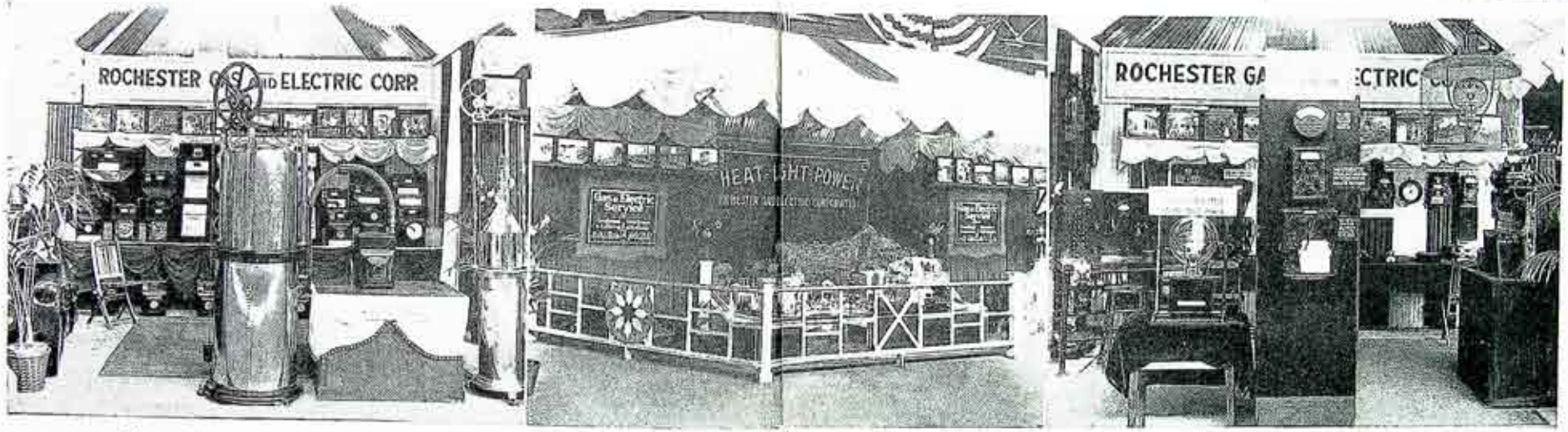
In the electric meter exhibit the following meters were shown:

Large polyphase power meter and separate demand meter; small polyphase power meter and separate demand meter; large polyphase power meter and demand meter combined; large direct current meter with separate current shunts; small single phase power meter and demand meter combined; small polyphase power meter and demand meter combined; residence type alternating current meter, and residence type direct current meter.

believe, in closer harmony with Company activities because of it than they were previously.

Following its policy of previous years the Company donated to the Exposition and its exhibitors all of the gas and electricity used at Edgerton Park during the week. The total consumption of electricity thus used was registered in kilowatts on a large electric meter in the electric booth.

Another Company feature at the exposition was the daily lighting of



Circuit View of Our Exhibits at the Exposition.

Left, Gas Exhibit; Center, Toy City; Right, Electric Exhibit.

It seems to be a fact that people go to places such as the Exposition to be amused and interested rather than be bored with things that require too much concentration. Using this fact as a basis, the gas and electric meter exhibits were planned to attract a large portion of exposition visitors through the medium of the eye and then endeavor to hold as many of them as possible with a more detailed picture of Company activity. Attendants experienced in the minute details of gas and electric meters were always on hand to answer questions. In this way hundreds of persons learned throughout industry in general.

The colored transparencies made from photographs taken in the Gas Distribution Department vividly presented pictures of the following action:

Testing new diaphragms under high pressure and examining the case for leaks; State inspector stamping the meter with the State seal certifying its accuracy; spraying meters with a protective coat of paint; adjusting meter valves for an accurate registration of gas consumption; testing meter cases with four pounds of air pressure by immersion in water; the testing of meters entering the shop to determine their condition; general views of the Company's Meter Shops; the opening of meters to remove worn parts; boiling out meter cases in caustic solution after their diaphragms and worn parts

General Company views shown by additional colored transparencies linked up the activities of the Gas and Electric Meter Departments with the continuous service the Company renders at all times. By this means a graphic visual picture of the functions of the power and lighting utility in the community was shown. The meter exhibits shown in conjunction with the adjacent toy city which was operated by electric current presented to the public a story of the Company in a vivid and attractive way that daily gained the attention of thousands of persons who are now, we

the largest incandescent lamp in the world under the supervision of Company experts. This lamp was loaned us by the General Electric Company and formed a striking contrast to the small bead-like lamps used in surgery which were exhibited near it during the day while it hung suspended in the booth. By means of multiple switches this lamp attained its full 100,000 candle power by degrees. At each additional stage it fairly burst forth with added illumination until it assumed the brilliancy of a large meteor at which one could scarcely look, so powerful were its rays. It

lighted the grounds in proximity to the band stand as far as one could see in any direction, and had the effect of the sun breaking forth from a bank of clouds, consuming 30 kilowatts in the five-minute periods it shone.

The Flower Carnival which was so successful a part of the Exposition this season probably will become a regular feature of future expositions. The various floats entered in the different divisions were all extremely beautiful and more than one person was heard to remark that he did not envy the judges their task of selecting the winners. However, the float entered by the Company fared very well considering the gorgeous and dazzling beauty of the many other floats in its division which was one of the largest, being composed of entries from various Rochester clubs, societies and utilities. This float won second prize in its class and received its share of applause as it wended its graceful and dignified way through the crowded streets. It was typical of our industry and represented a huge flowered electric lamp occupying a central position in a pleasing setting of magnificent flowers. The predominating color scheme was white and yellow although hundreds of gladiolas and asters of varied harmonious tints were also used throughout the design, as well as large quantities of laurel to supply needed green.

The cuts shown herewith will help to visualize both the exhibit and the float and will no doubt strengthen the inadequate word picture attempted in this article. In closing it may be truthfully said that the many words of praise for them that have drifted in from numerous disinterested observers tend to show that the effort required to put them across was well spent, which will be good news to all those who helped to do it.

Company Employees Helped To Fight Fire

A NUMBER of Company employees are residents of Sea Breeze and daily motor or commute to and from work. One of the live organizations there to which they belong is the Sea Breeze Volunteer Fireman's Association which has rendered efficient aid in numerous past conflagrations at the Lake.

Perhaps the greatest test of this organization occurred recently at the time of the extensive fire which razed to the ground most of the concessions at Sea Breeze Park and threatened the residential section within a stones throw of it. No little credit for effective saving of property and perhaps life is due to Messrs. Leo Caprio, Edwin Schluter, Edward Schenck, Captain of the Department, B. Vogelsang, Frank Birmingham, and Charles Sharpe whose good work as volunteer firemen on the evening of August 27th, was very effective.

Being residents of Sea Breeze as well as employees of the Company familiar with the danger from electric wires and cables at such times, these men were able to prevent loss of life through the prompt pulling of fuse boxes on the lighting poles in the fire zone. Mr. Schluter took the aggressive in this matter and then gave the word that it was safe for the firemen to proceed over fallen wires in the pursuit of their difficult work.

In addition to the Sea Breeze Volunteer Firemen's Association, excellent work was done also by the Ridge-Culver Association, the Point Pleasant Association, and the Rochester Fire Department. However, the progress made by the local association before the arrival of the other companies did much to save the entire colony from utter ruin.

(Continued from page 83)

service of this Company, we are either creating a good, a bad or an indifferent impression for the organization we represent. In the final analysis, we are the public's servants. In other words, it is our 'boss'. It watches us from day to day ever ready to commend, or to assail with criticism."

Shall we not then try to grasp this thought which Mr. Haftenkamp has given us. Let us prevent bad impressions, be unsatisfied with indifferent impressions and strive to consistently create good ones for the Company for which we work. Try this out on the most insignificant thing you have to do today or tomorrow and see if you can not sense its efficacy. Practise it consistently and you will find out how subtly and mysteriously the excellent things you accomplish reach the ears of the "boss". Incidentally you will also receive a training that is invaluable and the satisfaction of having done your work "right".

✦

Unfair Propaganda

THE conviction has been growing upon me recently that the whole institution of private capital is becoming unjustly discredited in the mind of the public in general and of employes in particular by the unfair propaganda of many prominent self-styled "progressive" politicians whose aim in life is to ride into power by heading an agitation to nationalize the railroads and other big industries of the country. Not only private capital but labor as well, that is to say, the whole nation, is in need of friends and defenders against these unscrupulous agitators among whom are even a few United States senators.—REV. H. V. HENGELL, in the *Capital Times*, Madison, Wis.

Are You Lawful?

BRUCE A. CAMPBELL, president of the Illinois Bar Association, says that "unless sensible men come to the rescue, we shall soon be a government of laws, with a statute determining every action instead of individual responsibility determining our conduct."

The laws passed by the Illinois legislature in 1921, he says, amounted to 2,800,000 words. No lawyer could possibly become familiar with all that mass of legislation, and still less could any citizen obey it all if he knew it. He adds: "If all our laws were strictly enforced, our people would rise up in righteous rebellion and demand the repeal of many of them."—*Food for Thought.*

✦

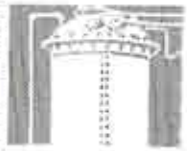
The Incandescent Lamp

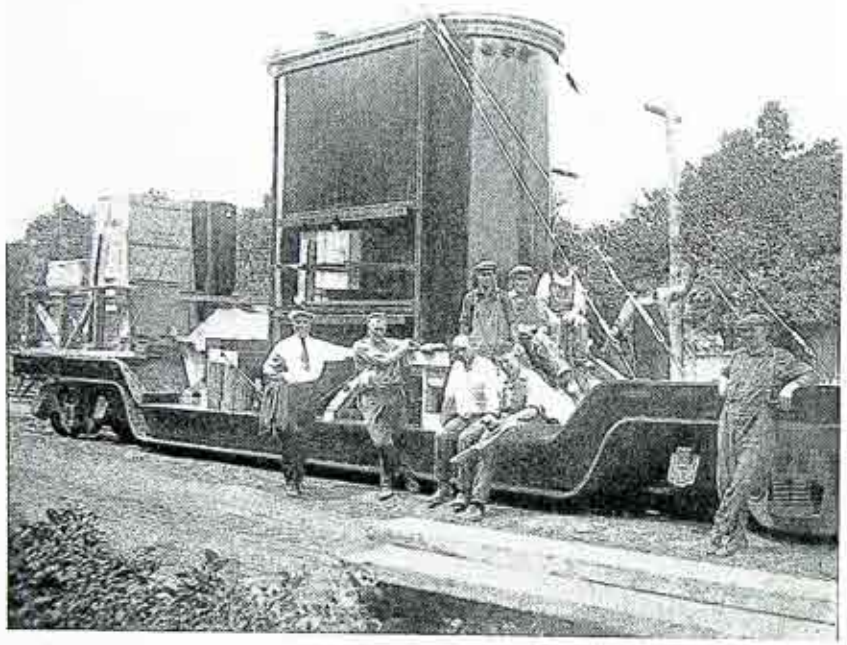
A LITTLE consideration of the materials that enter into the making of lamps would be a revelation to the large majority of lamp users. California, Colorado, Nevada and South Dakota lead in production of tungsten ore, the important material of which the filament of the modern electric lamp is made.

First, there is the filament of tungsten, then the glass bulb into which enter silica, soda, nitre from Chile, potash, manganese from Russia, arsenic, borax, feldspar, lead, aluminum cryolite from Greenland, cobalt from Canada. The base of the lamp is made of copper and zinc from Utah and Missouri, while the basing cement is a mixture of marble dust from Vermont, whiting from Ohio, Shellac from India, and pine resin from Georgia.—*Selected.*

DIRT and grime collected on the outside of an electric lamp may absorb as much as 50% of the illumination produced. A 75 watt lamp removed from an electric sign after two years service was tested, cleaned and retested. It was found that the accumulation of dirt and grime had been absorbing 44.5% of the light.—*Electric Facts.*

Elec. Generation and Distribution





Large Transformer Recently Installed at Station 33 as it Appeared on its Special Car on the Erie R. R. Siding. The Photograph was taken by Mr. Rees, of Station 33.

AFTER 14 months consumed in its manufacture, the large 25-60 cycle transformer ordered for Station 33 arrived on August 29th. A ponderous unit of this kind has to be transported on a special car which is shown in an accompanying cut, otherwise it would not pass under many of the railroad bridges along its route to this city. It can be used on either a 25 or 60 cycle system and will be used as a reserve for existing transformers taking current from the Niagara system. On that system it has a capacity of 15,000 horsepower, while on a 60 cycle system its capacity is approximately 30,000 horsepower. This transformer is the last word in transformer construction and is one of the largest ever built, being a mate to the one installed at Station 33 about one year ago.

Much effort is being made by the residents along the west end of Paul Road, between the Braddocks Bay and the Chestnut Ridge Road, to have an electric power line constructed past their places. This is the fourth line, if completed, to be erected in the town of Chili during the past year. A preliminary survey for it has been made, its proposed length being about one and one-half miles. This is an example of the way the Company's lines are pushing out through the surrounding country, and shows that people living in the country districts are alert to the great utility of electricity.

Station Activities

STATION 36, the new Charlotte sub-station will soon be in operation, construction on the building having been completed for some days. The outdoor bus structure is also practically completed as well as the larger part of the inside installations of electrical equipment. The switchboard is in place and the 4150v bus structure on the second floor is about finished.

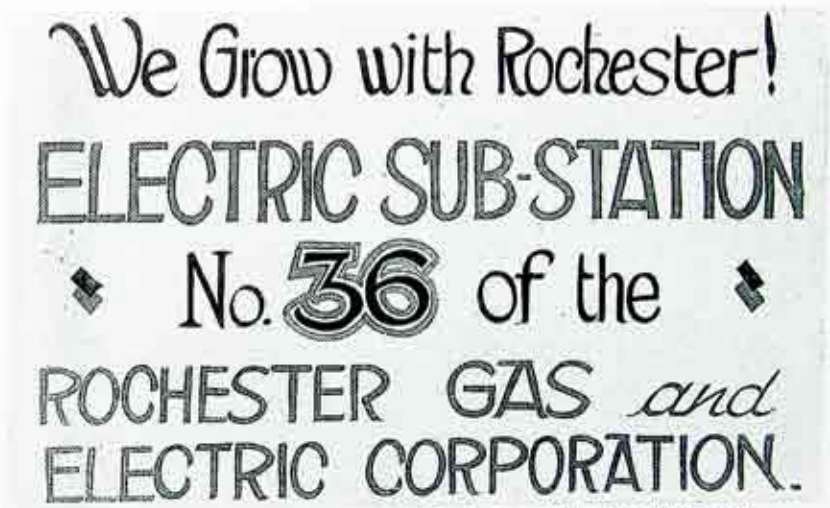
Station 37, the new sub-station at Lincoln Park is rapidly approaching completion. The building proper is finished and some of the electrical equipment on the first floor is now in place, and everything is ready for the installation of the switchboard which is expected daily. The major part of the outdoor bus structure is already done and it is expected that this station will be in operation soon.

At Station 3, the 25-cycle bus is to be moved from its present position to one of the east galleries, above the switchboard gallery. This is being done to make room for additional switches on the 60 cycle bus. The new 25 cycle bus structure planned for this Station will be of up-to-date construction similar to that of Sta. 6.

Station 38, the new Swan Street sub-station, is rapidly progressing toward completion. The machine foundations have been poured and the building itself, being of concrete construction, will rise rapidly.

The row of large transformers in the north end of Station 6 is now enclosed in fire-proof brick construction which not only separates the transformers from the rest of the station, but also isolates each bank. This is in keeping with the Company's safety policy in reducing fire hazards to a minimum.

Plans are under way for installing six new 11,000 volt switch cells at Station 33 for the accommodation of



Signs similar to this one were placed on Stations 37 and 38, at the beginning of construction work that persons passing by might know of our new extensions. Other important construction activities are receiving the same publicity.

the 60 cycle bus to go in there. This is the first step toward using this station as a distributing point for 4150 volt service. It will serve the outer south section of the city and will complete the company's ring of substations, with Station 1 on the east side, Station 36 (Charlotte) on the north, and Station 37 (Lincoln Pk.) on the west side. In this way the Company's system is being expanded to keep pace with the growing city it serves, spreading out in all directions.

The survey at Mt. Morris is going forward. Diamond-drilling is still being done in testing the rock, preliminary to choosing a site for the dam.

For many years the old Edison Bridge across the Erie Canal was an important item of Company equipment, serving to carry over that now abandoned waterway the cables which once originated at the old Edison Company's power house on Exchange Street. These cables will now be placed in ducts located under the new Subway, and the old bridge which is a landmark of Rochester, and has served its purpose faithfully, will be dismantled.

Domestic Sales

Record for Steam Pressure Cooker

A VERY gratifying success was scored at the recent Exposition by the National Steam Pressure Cooker, demonstrations of which are familiar to all employees of the Company. Mr. and Mrs. Wasinack and additional helpers were kept extremely busy demonstrating its many fine points to an endless stream of interested prospects who were shown what a time and money saver it is when used in the modern household.

No doubt as a direct result of this excellent publicity, Mr. Wasinack was enabled to chalk up one of the most successful week's sales of his long stay in this city. During the Exposition week over eighty sales of pressure cookers were made on the Main Floor where demonstrations are being made daily as usual.

More Publicity for the Sweeper-Vac

THE Domestic Sales Department sent out during the latter part of September over 40,000 broadsides, or folders, telling of the excellent work which can be accomplished in any home wired for electricity by the Sweeper-Vac. It is calculated that this publicity arrived at the home of Mr. and Mrs. Average Householder at a very opportune time, when the prospect of possessing a wonderful modern electric cleaner is especially attractive. Fall housecleaning is a severe endurance test to the housewives who are still trying to worry along without the aid of modern electric current consuming cleaning devices such as the Sweeper-Vac. Surely there is no better time to buy one than now when it will practically pay for itself in energy saving and satisfaction.

A free trial of the Sweeper-Vac may be arranged for by getting in touch with the Domestic Sales Department where it is being demonstrated daily. This cleaner is being sold for $57.50 plus an additional $10.50 if one wishes the complete outfit of attachments. Payments of $2.50 down, and $5.00 per month till paid for may be arranged. At this time a Vac-Mop is being given without additional charge to each purchaser of a Sweeper-Vac.

Lorain Oven Heat Regulator

A VERY instructive demonstration of the many features of the Lorain oven heat regulator was given during September on the Main Floor by Mr. Wermser, a representative of the National Stove Company. For a number of days Mr. Wermser performed seemingly miraculous feats of cooking, baking and canning, using the Lorain heat regulator in connection with a Direct Action gas stove.

A great variety of menus were successfully prepared during this demonstration, showing conclusively the great utility of this device in the saving of fuel, food, time and labor. Its use in canning attracted hundreds of housewives who observed how easily this generally considered hard task may be accomplished by this newer method which permits the absolute control of oven heat by mechanical means. By its use the housewife may set her oven for the desired heat, put the various items to compose her dinner therein, and run merrily along to a lecture or a movie with no further concern for its welfare.

Upon her return everything will be found to be cooked to the queen's taste. No more burned or underdone meats or pastry. The Lorain oven heat regulator takes all the responsibility for the efficient cooking of the entire meal, and at a saving in money for gas consumed. It surely made a big hit with the men as well as the ladies, for Mr. Wermser, who did all the cooking himself, turned out some of the finest eatables that have been seen about the Main Floor in some time.

Main Office Window Display Showing Some of the Products of Mr. Wermser's Demonstrations of the Direct Action Gas Range with Lorain Oven Heat Regulator.

New Business

Net Increase in Consumers in Year Ending July 31, 1923

	July 31, 1923	1922	Incr.
Gas	85,478	82,834	2,644
Electric	54,263	44,605	9,658
Steam	117	105	12
	139,858	127,544	12,314

Net Increase in Consumers by Months

	1921	1922	1923
Incr. in January	104	489	560
Incr. in February	28	483	672
Incr. in March	191	649	591
Incr. in April	528	931	1029
Incr. in May	611	977	1272
Incr. in June	270	1056	1157
Incr. in July	667	879	1091
Incr. in August	578	935	
Incr. in September	631	1176	
Incr. in October	780	1271	
Incr. in November	738	1186	
Incr. in December	894	1374	

Six Per Cent Stock Sales

	Sub.	Shares
August	67	139
Total to Sept. 1, 1923	686	2876

Statement of Consumers by Departments as of July 31st.

July 31st.	Gas	Electric	Steam	Total	Incr.
1913	64623	15005	22	79650	—
1914	68432	17306	28	85766	6116
1915	70444	20794	36	91274	5508
1916	73508	23899	41	97448	6174
1917	77476	26813	49	104338	6890
1918	79173	28616	55	107844	3506
1919	78807	29775	75	108657	813
1920	80840	32949	75	113864	5207
1921	81037	37342	84	118463	4599
1922	82834	44605	105	127544	9081
1923	85478	54263	117	139858	12314
Incr. in 10 yrs.	20855	39258	95	60208	60208

Miscellaneous Data

	July 31, 1923	1922	Incr
Miles of Gas Main	552	535	17
Miles of Overhead Line	2661	2286	375
Miles of Undergr'd Cable	1438	1312	126
Miles of Subway Duct	1092	1047	45
No. of Street Arc Lamps	1420	1500	*80
No. of Street Inc. Lamps	10592	9872	720
Total No. of Street Lamps	12012	11372	640
No. of Employees	1749	1578	171

E. B. A. for August, 1923

Balance 1st of Month		$6846.47
Dues—Members	1,007.06	
Dues—Company	1,007.06	
Fees—Members	34.00	
Fees—Company	34.00	
Assmt. No. 52—Members	.25	
Assmt. No. 53—Members	1.75	
Assmt. No. ..—Company	1.75	
Group Life Insurance	27.68	
Members' Add. Life Ins.	291.17	
Total Receipts		$2,404.72
Total Receipts plus Balance		$9,251.19

Disbursements

Sick Benefits	$627.33	
Accd'ts. Off Duty Benefits	101.76	
Accd'ts.On Duty Benefits	91.25	
Death Benefit No. 54	400.00	
Medical Examiner's Expense	10.50	
Assmt. No. 52. Collected from Lt. Co. in Error.	296.25	
Total Payments		$1,527.09
Balance on Hand		$7,724.10

Membership

Members, July 31, 1923		1227
Affiliated, August, 1923	26	
Terminated, August, 1923	22	
Gain		4
Membership, August 31, 1923		1231

	Mo. of July, 1923	July, 1922	Increase
Amount of Pay Roll	$247,602.05	$209,058.62	$38,543.43
K. W. H. Generated Steam	6,097,672	1,406,300	4,691,372
K. W. H. Generated Hydraulic	9,451,645	13,126,116	*3,674,471
K. W. H. Purchased	3,833,714	2,103,010	1,730,704
M. cu. ft. Coal Gas Made	186,851	171,528	15,323
M. cu. ft. Water Gas Made	107,821	73,709	34,112
Tons Steam Coal Used	9,445	5,218	4,227
Tons Gas Coal Used	16,544	15,519	1,025
Gallons Gas Oil Used	238,069	313,669	*75,600
Tons Coke Made	11,565	11,147	418
Gallons Bengas Made	126,460	122,274	4,186

*Denotes Decrease.

Personals

Mr. Francis A. Murphy, of the Line Department, was killed on duty, on September 11th. He was a man who had a smile and a good word for every one and his death is keenly felt.

Mr. William Frederick, for four years an employee of the Transportation Department, was killed on August 19th, while attempting to remove a live wire from a public highway. His last thoughts were for the safety of others and his unselfish action will be remembered by all who knew him.

The many friends of these faithful former employees of the Company unite in extending their sympathy to the members of the bereaved families.

Mr. Elmer Lerch of the Purchasing Department has returned from a pleasant stay at Sodus.

The "Call of the Wild" seemed particularly strong this year to employees of the Purchasing Department. Miss Gertrude Rotmans was one of a party of four young ladies who spent two weeks motoring through Canada and the Adirondacks; Mr. Faulstick together with his family, motored to the Adirondacks; Miss Mabel Albert, spent a very pleasant week at Brantingham Lake in the Adirondacks; Miss Durney, of the Stores Record Department spent a month at Saranac Lake.

Mr. George Butler had a wonderful vacation this season, as usual. It is rumored that he was in New York to view a much talked of sporting event that occurred there recently. Mr. Butler has a real capacity for enjoying life, which is a real art in these days of nervous breakdowns; if you don't believe it, notice the smile he always wears.

Miss H. LaBorie spent her vacation visiting friends in Newark and Albany.

Miss Ruth Young of Point Pleasant is a new member of the Transportation Department.

Hope everybody saw Mr. A. Wittig of the Garage at Exposition Park demonstrating the "Top Tight" one of his latest inventions.

Mr. W. Leacy and wife made a tour of the Green Mountains including Lake Champlain, finishing up by returning through New York City and Philadelphia—(Ah-La-Lizzie).

Miss Carol Roth spent one week of her vacation in Cleveland visiting friends formerly of Rochester and the other week at Canandaigua Lake. From all reports she had an exceptionally good time.

Mr. and Mrs. Nash and Mr. Frank Herring and wife recently enjoyed a motor trip through the Adirondack Mountains and before returning home stopped off at Saratoga to see the Horse Races. This was enjoyed immensely, especially by Mr. Nash as he is a great judge as well as lover of horses.

Mr. Otto Hahnke is taking as many trips to Buffalo as usual. It looks as though the attraction is increasing instead of diminishing.

Miss Cunningham's vacation consisted of visiting friends in Buffalo and Angola-on-the-Lake.

Mr. Walter Dailey was recently appointed to drive our new White Truck to Painted Post, New York, to have an air compressor installed on it. While waiting for installation he amused himself by sending all the boys of the Garage a card saying, "Having a good time, wish you were here."

Mr. and Mrs. Dean Caple, of 156 Clay Avenue, were made very happy recently by the arrival of a baby boy, Dean William, who was born on August 26th.

Messrs. Murray and Caple, of the Coke Sales Department, attended the Batavia Fair on the 17th of September and enjoyed a real old-fashioned time. Their entertainment included everything from hot dogs to horse races.

Mr. F. W. Pierce, and family, spent a delightful vacation touring in the Adirondack Mountains. Although Lorry is much enthused over the entire trip, one can't help but notice the emphasis when he mentions the fishing. Ask him if you wish to know how to proceed when endeavoring to catch an eight-pound fish by means of a net and a hatchet, an event which actually occurred on this memorable trip.

Mr. MacSweeney recently spent a number of days at Curve Lake, Canada, where he thoroughly enjoyed the excellent fishing to be had there. This does not signify that all the fish have been caught in our immediate neighborhood, but rather that Mr. MacSweeney wished to cultivate a variety not found in local streams or lakes.

Mr. Harry Taillie enjoyed a very fine vacation with his family at his home in East Rochester, from which numerous delightful excursions punctuated an exceedingly restful two weeks.

Mr. "Pop" Dowd, of the Domestic Sales Department, recently enjoyed an excellent motor trip to Quebec, Montreal, St. Anne De Beaupre, and other points of interest located in Canada.

Mr. Bert Zenaty and wife, spent one week at Canandaigua Lake. While there, Mr. Zenaty painted a beautiful landscape which was accepted for display at the recent Rochester Exposition.

Mr. Charles Knolle has left the employ of the Company to take up similar work in the Drafting Department of the Taylor Instrument Co.

Mr. Clarence Latimer, of the Drafting Department, spent two weeks at his home where he enjoyed an excellent rest.

Mr. Graning has purchased a fine Liberty touring car which is now supplanting, more or less, his known enthusiasm for angling.

Mr. Crofts and family spent two wonderful weeks at the home of "Grandma" Crofts, at Hanover, Connecticut. On the return trip, they enjoyed the beauty of the Delaware Water Gap and circled around through the hard coal mining region, in Pennsylvania.

Miss Mable Kramer recently visited friends in Terre-Haute, Indiana. While in the West she visited the cities of Chicago and Indianapolis, spending two very pleasant weeks in that vicinity.

Messrs. Dewolf and MacDowell attended the Million Dollar Show of the Association of Iron and Steel Electrical Engineers, which was held at Buffalo, N. Y., the latter part of this month.

Miss Mabel Wallace recently spent a pleasant week-end at the Thousand Islands.

Miss Geen again visited the Georgian Bay district for her annual vacation, spending most of the time at Sevren Falls.

Mr. Chester Schlenker and family enjoyed a wonderful time on a camping vacation trip which they took recently. Numerous places in the vicinity of Lake Placid were visited.

Miss Pearl Neddo recently went to New York City where she visited Miss Gertrude Winograd, a former employee of the Gas Distribution Department, who now resides there.

Mr. Howard Rapp spent part of his vacation at Conesus Lake, and the remainder in motoring to various places. A boat trip to the Thousand Islands rounded out a very happy vacation.

Mr. Stanley Burne, accompanied by Mrs. Burne, recently spent a number of days in the enjoyment of a camping trip to the Mountains. Their itinery took them as far north as Montreal and included many other cities as well.

Mr. 'Bill' Claire of the Traffic Department recently returned from Canada where he spent an enjoyable two weeks with his wife and baby in "the old home town". Nuff sed!

Mr. and Mrs. Jack McAuley, accompanied by Mr. and Mrs. Bickford, spent a number of days during September at Brantingham Lake, in the Adirondacks, one of the delightful mountain places where golfing may be enjoyed. The trip was made by automobile and included numerous stops at other interesting places.

Mr. and Mrs. Victor A. Miller, accompanied by their son Victor, Jr., recently enjoyed an extended automobile trip to New York City and other points of interest in the East. While away, they were entertained at Southold, the summer home of Mr. and Mrs. Searle, on Long Island. While in New York, the picking out of each day's sight-seeing program was left almost entirely to Victor, Jr., who showed his good judgment in preferring the more educational features, such as the aquarium, etc., to mere pleasure trips to Coney Island and other of the more commonplace resorts.

Mr. and Mrs. Chester Rambert spent the last two weeks of August vacationing in Canada. While there they were interested spectators in the yacht races between the Genesee Valley Yacht Club and the Royal Canadian Yacht Club. They also visited the Toronto Exposition and made good use of their car in numerous sight-seeing trips to interesting places.

Mr. Adolph Fauth enjoyed his vacation during the month of August, spending much of the time at home. Numerous sight-seeing motor trips were planned and greatly enjoyed, as well as a short trip to Canada.

Miss Crocker took a good rest during the latter part of August, remaining at home a large part of her two-weeks vacation. She enjoyed a week-end visit to the home of friends at Saratoga Springs, N. Y., as one of her numerous vacation diversions.

Miss Huddy recently enjoyed a very pleasant vacation partly at her home in this city and partly among friends in the vicinity.

Mr. Edward Crane, of the Gas Distribution Department, enjoyed a vacation this year marked by a sporting event of interest to all anglers. While enjoying the fishing about Trenton, and Lake Cousecon, Ontario he caught a Big-Mouth Black Bass, weighing five pounds, which is said to be one of the largest to be caught during the season. It was weighed and registered and entered in the Canadian angling contest.

Mr. Charles Royce journeyed as far south as Louisville, Ky., on his vacation this season and enjoyed a delightful change of scene.

Miss Ethel Smith has returned to the Electric Distribution Department following the recovery of her father who, we are glad to state is now in good health due to her excellent nursing.

Miss Irene Mura recently enjoyed a motor trip to Pittsburgh, Pa., during which she encountered some wonderful scenery and had an excellent time.

The girl twins of Mr. and Mrs. James E. Cooper, born on June 21st, had the distinction of being born on the longest day of the year. They are in excellent health and growing rapidly. They were named Eleanor Jean, and Gladys June, respectively. James says that some day after he has taught them to keep nice and quiet, in unison, he will take a nice picture for us to use in our Magazine.

After spending her vacation in various places in Pennsylvania, Miss Mildred Shelden is back at her desk in the Electric Distribution Department.

The employees of the Line and Underground Departments showed their last respect for their fellow employee, Mr. Francis Murphy, by attending his funeral in a body. Work in these Departments was suspended during the entire afternoon on which his funeral occurred.

On September 11, a happy home wedding was solemnized at 116 Arnett Boulevard when Miss Elizabeth Lannin became the bride of Mr. Merton G. Taylor. The ceremony was performed by Dr. Burgstahler, Mr. Allen J. Oliver acting as best man. After a delightful wedding feast the young couple started away on a honeymoon motor trip to the Thousand Islands and other interesting places. They are now at home at 119 Jefferson Avenue.

At Marquette, Michigan, on September 12, Miss Amy Larson became the bride of Mr. Walter H. McKie, of the Industrial Sales Department. Mr. and Mrs. McKie enjoyed a honeymoon touring the Middle West, visiting many delightful places. Their motoring trip culminated at 152 Parsells Avenue, where they are now at home.

The wedding of Miss Janet Van Gelder to Mr. John Paul was solemnized at St. Paul's Episcopal Church, on September 13th. After a delightful wedding dinner, the happy couple left for a honeymoon spent at New York and other eastern cities. Upon their return to this city, they will be at home at 83 Colvin Street.

Mr. Gruppe, of the Industrial Sales Department, has left the employ of the Company to take up a similar line of work with the Laube Electric Company. It is pleasing to note the growing inclination of representative electric companies of this city to utilize in this important branch of industry men of the type of Mr. Gruppe. His associates in the Company are glad that he will still continue to be a resident of this city whose line of endeavor will at least intersect frequently with theirs.

Residents of the Pinnacle section are dodging more frequently of late due to the determined efforts of Mr. Frank Taylor, one of the leading lights of Industrial Sales Department, to break in a new Dodge car.

Mr. Wm. J. Conley, who has been assisting in the work at Mt. Morris, N. Y., has returned to the University of Rochester to resume his work as a member of the faculty.

Miss A. Crimmens has returned from a delightful vacation to Canada where she enjoyed a trip down the St. Lawrence River. While there, she visited at the home of friends, near Kingston and spent a number of days with relatives at Findlay.

Miss Burlingham, of the Electric Distribution Department has returned from a vacation spent at Burlington, Vermont.

Miss Catherine Chidsey enjoyed a wonderful time at Fourth Lake where her vacation was very pleasantly spent.

A vacation at Canandaigua Lake is a delightful experience according to the words of Miss Landerer who recently returned from that place.

Mr. Spilaine, of the Stock Room, during his recent vacation enjoyed a trip to Watkins Glen, and is very enthusiastic over its beauties. In his estimation, Nature offers at Watkins a rugged natural beauty that is scarcely eclipsed by that of the Swiss Alps.

Mr. Banks has been enjoying a number of happy days at his cottage, on the west shore of Conesus Lake where he is said to have a collection of fishing tackle suitable for any emergency. His success in hooking excellent strings of fish there even when others find the luck rather poor, marks him as a natural fisherman who knows where to find 'em even when Mr. Fish is rather "fed up".

Mr. and Mrs. H. M. Hollis were for two weeks residents of the summer colony at McPherson's Point, Conesus Lake, where they enjoyed a vacation said to be one of the best ever had by them. As usual, Mr. Hollis brought back numerous beautiful photographs as a record of the happy days spent there.

Mr. Ray Bitzke has resumed his duties in Mr. Lamey's Tool Room after having spent his vacation at home.

Mr. Nelson Hacker has returned from a vacation trip during which he visited Lakes Saranac and Placid, Old Forge, and many other interesting places.

Mr. Carl Winterroth again vacationed at Conesus Lake, it being his third consecutive vacation at Long Point. While there, Carl kept in trim for the 1923 bowling season which is to be a very interesting one for the employees of the Company, judging from teams now in the field.

Mr. A. R. Mason has returned from a very pleasant vacation spent chiefly at his home.

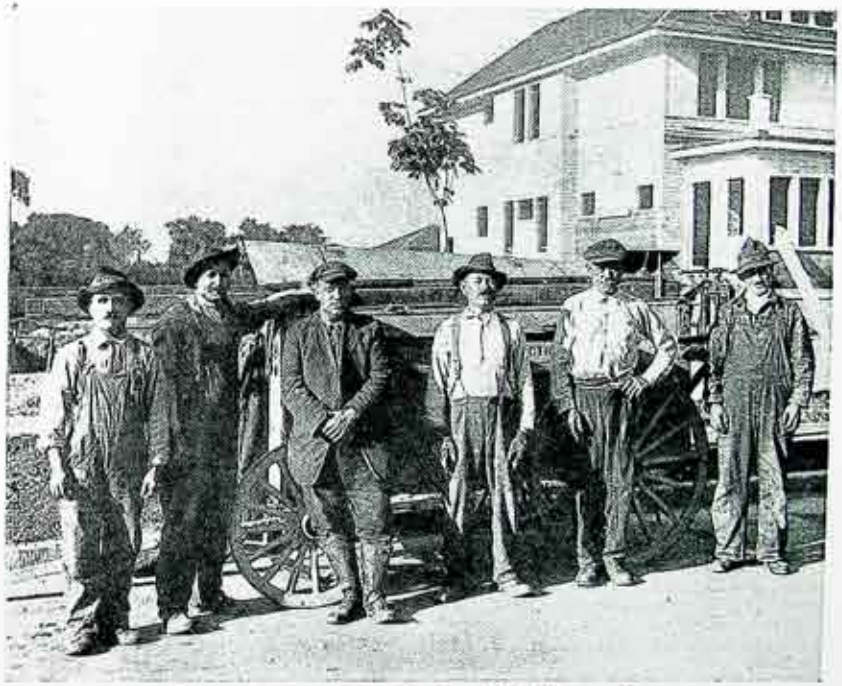
Mr. Elmer DeForest enjoyed two weeks of real pleasure at Stop 22½, Long Pond, recently.

Mr. and Mrs. Frank Bentley, and daughter, spent two weeks in visiting friends at Livonia, N. Y., during the latter part of August.

Mr. Joseph O'Leary, of the Stock Room, recently visited friends in Hamilton, Canada. Mr. O'Leary says many folks claim to have friends in Canada these days but, newspaper talk to the contrary, all the breweries in Ontario are heavily padlocked, and that he had an excellent visit, notwithstanding.

Employees of the Service Gang Gas Distribution Department

"The Men Who Keep the Wheels Turning" Series



Left to right: Joe Romeo; Tony Destifino; Mack Wagoner, Foreman; Mike Borene; Joe Neider and Patsy Gross.

FUMES & FLASHES

A BAD BREAK

A negro went into a bank down south to get a check cashed. He stood in line a long time and finally his turn came. Just as he got to the window the teller put up a sign: "The Bank Is Busted."

The Negro: "What do you mean, the bank is busted?"

Teller: "Well, it is, that's all; it's busted—didn't you ever hear of a bank being busted?"

The Negro: "Yes, but I never had one bust right in my face before."—*Selected.*

GETS THERE JUST THE SAME

Maybe you've heard
Of the old stork bird
Who inhabits the residence districts,
His voice isn't heard
His plumes are absurd,
But he helps out the vital statistics.
—*Exchange.*

RELATIVITY

Twinkle, twinkle, little star,
How I wonder where you are;
High above I see you shine,
But, according to Einstein,
You are not where you pretend,
You are just around the bend;
And your sweet seductive ray
Has been leading men astray
All these years—O little star,
Don't you know how bad you are?
—*Science and Invention.*

THE NEXT DEGREE

A young man arrived home after having received the degree of M. A. for graduate work in college.

"I suppose Robert will be looking for Ph.D. next," said a friend of the family to father.

"No; he will be looking for a J. O. B."
—*Selected.*

ENTERTAINING THE DOMINY

A young country minister, noted for his jollity, was dining at a farmhouse one Sunday and when his plate of roast chicken was passed to him, he remarked facetiously:

"Well, here's where dat chicken enters the ministry."

"Hope it does better there than it did in lay work," rejoined the bright boy of the family.—*Boston Transcript.*

JUNE ECHOES

Mrs. Youngbride (just back from honeymoon): "Poor Bertie was so embarrassed when he went to the hotel, what do you suppose he said to the clerk? I though I'd die! He said: 'I'd like a room with a wife for myself and bath.' "—*Selected.*

TRUE

An old physician was noted for his brusque manner and old-fashioned methods. On one occasion a woman called him in to treat her baby, who was slightly ailing. The doctor prescribed castor oil. "But, doctor," protested the young mother, "castor oil is such an old-fashioned remedy."

"Madame," replied the doctor, "babies are old-fashioned things."—*Selected.*

YES! YOU MAY NOT

"She sat on the steps at eventide
Enjoying the balmy air,
He came and asked, 'May I sit by your side?'
And she gave him a vacant stair."
—*Selected.*

A GOOD TRY

Teacher: "Can some one give a sentence using the word 'pencil?' "

Abie (raising hand): "I can, teacher."

Teacher: "All right, Abie, go ahead."

Abie: "If I don't vear suspenders, my pents'll come down." —*Selected.*

A SLIGHT MISUNDERSTANDING

He was newly arrived in this country and was none too familiar with the use of the telephone, so he took the receiver and demanded: "Aye vant to talk to my wife!"

Central's voice came back sweetly, "Number please?"

"Oh," he replied, perfectly willing to help out, "she bane my second vun."—*Selected.*

TOUGH LUCK

"I was at the big general stores in Market street the other day," said Slimfingered Joe, "when the whole electric light apparatus went wrong and all the different departments were as black as pitch."

"My word, what a bit o' luck!" chuckled his friend. "What did you get?"

"My beastly luck again. It's always dogging me. I was in the grand piano department."
—*Selected.*

"The best time to hold on is when you reach the point where the average man would quit."—*Forbes*

The DuBois Press, Rochester, N. Y.

The Call of the Light

ALL through the busy day it stands,
Bronzed or lacquered, with jeweled bands;
Ruddy with copper or gleam of brass;
Yet cold, as the sunlit hours pass.
But when the twilight haze is rife,
Swiftly it quickens to glowing life;
Till gently, subtly, its silent call
In its magic circle has drawn them all!

The schoolboy comes with his evening task
In the mellow warmth of its light to bask;
The tired mother sinks softly down;
Father smooths out his work-day frown;
Grandmother peers with a smiling face,
Silver crowned, from her wonted place;
And little ones gather with happy look,
For story or game or picture book.

The circle widens, as tender speech
Brings absent dear ones within its reach.
As a pebble flung by a careless hand
Sends the broadening ripples to distant land.
Steadily, whitely, the home light beams
On hopes and wishes and eager dreams,
And peace and contentment set their stamp
On the kindly glow of the evening lamp!

—*Edison Monthly*