

Peck, Bonny & Co's rolling mills, Montreal, were destroyed by fire August 3rd. Loss about \$100,000.

W. W. Doherty will rebuild his flour mill at Campbelltown, N.B., which was recently destroyed by fire.

The flour mill of Wray & Hawshaw, Lucan, Ont., which was burned recently, will be rebuilt.

An order has been placed with the James Cooper Manufacturing Co., Limited, Montreal, by the Canadian Construction Co., Farran's Point, for two of the "Lidgerwood" type double cylinder double drum Hoisting Engines, complete with boilers.

The Heinz Pickle Co., Pittsburg, Pa., will probably establish a branch of their works in Toronto.

The ratemakers of Campbellford, Ont., have voted on to raise \$8,000 for the construction of a new incandescent light system to replace the one now in use.

M. A. Cleveland, contractor, of North Channel, found that he has considerable more rock work than anticipated, and has put in three more Ingersoll-Sergeant Drills.

An elevator with capacity of about 65,000 bushels will be built by the Manitoba Grain Co., in connection with its Alberta Roller Mill at Calgary, N.W.T.

THE NEW SCHEEFER WATT-METER.

The Packard Electric Company, St. Catharines, Ont., have the following to say regarding the advantages of using the Scheefer Watt-Meter:—

It has been found by experience that a central electric lighting station can supply thirty per cent. more customers on the "meter" than on the "flat" rate. This thirty per cent. really represents wastefulness, which is inherent in the nature of the average customer, and the "flat" rate. The investment in meters, and their proper care, makes the plant equivalent to one thirty per cent. larger.

A central station which is in the electric lighting business for the profits on its investment can easily realize the great advantage in the use of meters. That many small villages and cities make but a small profit, or the income only sufficient to pay actual running expenses, is not surprising, in view of the waste and extravagance of the "flat" rate. These same stations may, by proper and economical use of meters, be made profitable.

It is not necessary to point out the evils of the "flat" rate; but it is self-evident that many customers never take the trouble to turn out all or part of their lamps, and in places where the plant gives all-night service the lamps are left burning all night. A fallacy in "flat" rates is the basing of charges on fifty Watt lamps. A fifty Watt sixteen c.p. lamp is somewhat of a rarity in the market, sixty Watt being about an average, and many lamps are used taking more even—seventy or eighty Watts. In most small stations the voltage is kept above what the lamps were made for; even in the case of a fifty Watt lamp the consumption will be higher. We have found that most small stations, if they use fifty volts, keep the voltage at fifty-five or sixty. These wastes are impossible to avoid in the "flat" rate.

A meter measures the actual consumption of current. The central station gets paid for actual service given the customer, and it behooves the consumer to use his lights in the best and most economical way.

The new Scheefer Watt-Meter for alternating current has been devised to correct various faults which were in the Scheefer meter, which has given such good results.

The meter is round and has a rubber band placed around the circumference, over which

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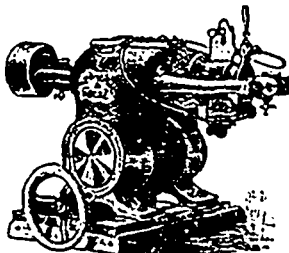
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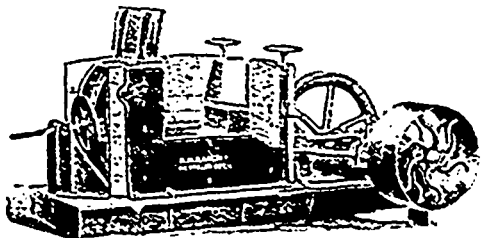
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