

SPARKS.

Messrs. Pratt & Litchworth, of Brantford, have placed in their new factory a 30 h. p. S.K.C. two-phase motor, which is operated from the lines of the Brantford Electric and Operating Company.

The ratepayers of Woodstock, Ont., by a considerable majority, have voted in favor of raising \$30,000 for a municipal lighting plant, \$14,000 to purchase the existing plant and \$16,000 for extensions and improvements.

The corporation of Bridgewater, N. S., have found it necessary to increase their incandescent lighting capacity, and for this purpose have placed their order with the Royal Electric Co. for one 80 k.w. S.K.C. generator, with the necessary switchboard, etc.

Dr. Groves, owner of the electric lighting plant at Fergus, Ont., has installed in his power house a 75 k. w. S. K. C. two-phase alternating current generator made by the Royal Electric Company, Montreal. The doctor intends to supply power as well as light in the town in the future.

The Bell Telephone Company have installed a new switch-board in the exchange at Parkdale, Toronto. This exchange is designed after the one in Ottawa. A light burns in front of the telephone operator when two subscribers have been connected, and continues to burn until both parties have hung up their receivers again.

Mr. James A. Spence, of Colborne, Ont., owner of the electric lighting plant, and who had his plant destroyed by fire a short time ago, is rebuilding, and has placed his order with the Royal Electric Company for a 75 k.w. S.K.C. generator, complete with exciter and station apparatus. They were in running order three weeks after the fire.

Messrs. Brandon, McDougal & Austin, owners of the Fenelon Falls electric light plant, are increasing their lighting capacity, and have placed an order with the Royal Electric Company for one of their 75 k.w. S. K. C. two-phase generators, as well as for a number of transformers and a stock of supplies, and intend over-hauling and improving their present plant.

The Canadian Gold Fields, Delora, Ont., who own extensive gold mines at that place, have equipped their mines, offices, houses, etc., with electric light and power. They have placed their order with the Royal Electric Company for a 40 k.w. S.K.C. two-phase generator, with the necessary transformers and supplies. They purpose furnishing light to their employees.

The Nickel-Copper Co., of Ontario, whose large refining works are at Hamilton, have begun operations on a large scale, and have placed in their new power house two 240 k.w. and one 75 k.w. S.K.C. generators; the former to drive the dynamos for the electrolytic process and the latter to drive the ore process. These three machines are being used as synchronous motors, taking the current from the Cataract Power Company's lines at 2,400 volts.

Shipment was made a few days ago of the largest motor that has yet been built in Canada. The motor was consigned to the British American Corporation, of Rossland, B. C., and the shipment made by the Royal Electric Company, Montreal. The

motor is an S.K.C. two-phase machine, and its capacity is over 1000 h. p. It is to be used to drive the compressors and hoists at the mines. The total weight of the motor, boxed, ready for shipment, was 105,000 pounds, or 52½ tons. The weight complete of the motor with its accessories was over 120,000 pounds, or 60 tons, requiring two full cars to transport it.

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(Mention the **CANADIAN ELECTRICAL NEWS**.)

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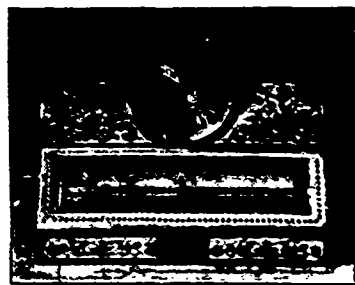
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