

The Canadian Westinghouse Co. have placed an order for three jib cranes with the Smart-Turner Machine Co.

Twenty-five acres of land in Revelstoke, B.C., have been washed away lately by the Columbia River, and the whole town of five thousand is threatened.

The Iberville Lumber Co., whose headquarters are in New York City, are establishing a large sawmill at Sault-au-Mouton, Que., a point on the north shore of the St. Lawrence, some distance below the Saguenay. The contract has been placed with the Jenckes Machine Co., Limited, of Sherbrooke, covering the turbine plant to furnish power for the mill.

The Manson Manufacturing Company, a new incorporation, have taken over the plant of the Thorold Foundry and Machine Company, Thorold, Ont., where they will manufacture rotary steam engines and machine tools.

The Welland Construction Company, who purchased 102 lots in Welland, have contracted to erect fifteen houses by January 1st and fifteen by March 1st for the Ontario Iron and Steel Company. The houses are to cost from \$1,500 to \$2,500 each.

The Ideal Concrete Machinery Company, South Bend, Indiana, has recently received a large order for concrete machinery and supplies, amounting to about \$250,000. The company is doing an extensive business in foreign countries, and has orders on hand amounting to about \$150,000.

The Chapin Mine, Iron Mountain, Mich., which is the deepest iron mine in the world, is to be supplied with a single drum hoisting engine of the first motion type; the capacity of the engine will be 26,400 lbs. at a speed of 1,900 ft. per minute, built by the Allis-Chalmers Company, of Milwaukee.

As a result of experiments being carried on by the Government at the old Lewis & Clark fair grounds, Bessemer steel has been reduced from the ordinary black sands found at the mouth of the Columbia River. Whether this reduction can be carried on at a profitable basis has not yet been determined.

The Bell Asbestos Mines, of Thetford Mines, Que., and the Asbestos Mining and Manufacturing Co., of Chrysotile, Que., have recently increased their hoisting plants, the former by the addition of three and the latter by the addition of two 9 x 12 special cableway hoisting engines, as built by the Jenckes Machine Co., Limited, of Sherbrooke, Que.

Work has been commenced on the new plant of the Canadian Iron and Foundry Company at Fort William. By June, 1907, the company expect to be employing over 200 men. The foundry will make a specialty of railway car wheels and castings, and cast iron water and gas pipes. The capacity will be 150 tons per day.

Wayland Williams, who for the last two years has represented the Campbell Gas Engine Co., has now taken hold of the gas engine department of Messrs. W. H. Laurie & Co., Board of Trade Building, Montreal, the Canadian agents for the well-known Crossley gas engines, suction gas-producers, and the Loomis-Pettibone producers.

The Canada Forge Company have begun construction of their buildings at Welland, Ont., the contractors being the Welland Construction Company. There will be two buildings about 50 x 100 feet each, to be completed in November, and manufacturing operations will begin early in January. The capital of the company is \$100,000.

The Morgan Construction Company recently received the largest order for gas-producers that has ever been placed, namely, that from the Illinois Steel Company, Gary, Indiana, for 140 large producers to operate the 28 open-hearth furnaces. This is the fifth order that has been awarded to the Morgan Company by the Illinois Steel Company.

The Montreal Smelting and Refining Co., which is building an extensive custom smelter at Trout Lake, near North Bay, Ont., for treatment of Cobalt ores, has closed a contract with the Jenckes Machine Co., Limited, Toronto, for the complete steam plant which will be required. This will consist of four 150 Horse Power high-pressure tubular boilers, two 250 Horse Power heavy duty Corliss engines, with feed water heater and boiler feed pump. The boilers are being built at the St. Catharines works and the balance at Sherbrooke.

The Smart-Turner Machine Co., Limited, Hamilton, have received an order from the Locomotive and Machine Co., Montreal, for a power-driven vacuum pump.

A terrible accident occurred at the Point Anne works of the Belleville Portland Cement Company recently. A party of men were working in the quarry, and there was a premature blast, by which two men lost their lives.

P. M. Cleave of the Royal Mint of Canada, has been inspecting the coinage method adopted in the United States at the Philadelphia Mint, and it is hoped that Canada will divert the Klondike gold, which has heretofore been sent to San Francisco for coinage.

The value of mineral productions exported from Japan in 1905 amounted to \$31,860,000, an increase of \$2,000,000 compared with the year before. Japan is now raised from the sixth to the fourth in rank among the copper producing countries of the world, and supplies five per cent of the world's demand.

Fears of Japanese commercial supremacy in the Far East have received a great impetus in the recent discovery of the fact that Japanese coal is expelling English coal from China, the East Indies and India and competing with Australian coal throughout the Pacific.

The Jenckes Machine Co., Limited, recently shipped from their St Catharines Works two 60 Horse Power tubular boilers to the Slough Creek Gold Mining Co., of Stanley, B.C. Stanley is 250 miles back in the mountains from Ashcroft, B.C., on the Canadian Pacific, from which point the boilers will have to be transported by team. The order was secured in London, Eng.

The Electric Controller and Supply Co., Cleveland, Ohio, have opened an office in the Merchants' Loan and Trust Building, 135 Adams Street, Chicago, Ill., with W. M. Connelly, in charge. Mr Connelly was connected with the Electrical Department of the Homestead Works of the Carnegie Steel Co. for five years, and resigned his position there to become electrical engineer of the Ensley plant of the Tennessee Coal, Iron and Railroad Co. at Birmingham, Ala., which position he held for three years and resigned to enter central station work at Birmingham, Ala., and at Houston, Tex., where he organized and had charge of the sales department. Mr. Connelly enters upon his new duties fully equipped.

To consume the refuse from their extensive mills Messrs. Williamson & Crombie, of Kingsbury, Que., will put up a burner. This will be 18'-0" diameter by 60'-0" high, with semi-circular wire cloth bonnet, and the steel shell will be erected complete by the Jenckes Machine Co., Limited, of Sherbrooke, Que., which firm will also furnish all the cast-iron fixtures required.

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## LIGHT, HEAT, POWER, ETC.

Natural gas has been discovered in Alberta, although the company operating has only bored down 760 feet.

Owing to the low water in the Ottawa River the E. B. Eddy Company is finding great difficulty in operating its plant.

The Leamington Oil Company opened a large gas well recently, about one and a half miles east of Leamington, which assures an abundant supply for several years.

The Ontario Power Company have decided to proceed with the completion of the first section of their development plant. Three more generators, with turbines to run them, have been ordered, and will be installed as soon as received. They will be capable of producing 12,500 H. P. each being duplicates of generator No. 4, now installed in the power house, which is the largest machine of its kind in the world. There are now four generators in the company's power house, and when the three new ones are installed the available space will be all occupied, and the seven units will take all the water supplied by the present conduit to run them. When the company desires to further increase the capacity of its plant it will have to build another section of the power house and another conduit or a tunnel to supply water to run it.