

request the production of pig iron from the ore was also demonstrated in the Heroult and Keller furnaces. A voluminous report* was published after the return of the Commission, and Dr. Haanel was so well satisfied with the possibility of smelting iron ores electrically in countries where coal was scarce and water-power was abundant that he obtained a further grant from the Government, and with the help of Paul Heroult carried out a series of experiments during the spring of 1906 at Sault Ste. Marie on the electric smelting of Canadian iron ores.† As a result of these experiments plants for the commercial smelting of iron ores in electric furnaces are being erected at Welland, Ont., and at Baird California.

*Report of the Commission appointed to investigate the different electrothermic processes for the smelting of iron ores and the making of steel in operation in Europe. Ottawa, 1904

†Report on the experiments made at Sault Ste. Marie, Ont., under Government auspices in the smelting of Canadian iron ores by the electro-thermic process. Ottawa, 1907.