

The Canal to be Built and the Amount of Power to be Developed.

Right along side the proposed power canal, lies the Welland Navigation Canal, the dimensions of which are 100 x 160 x 15 feet, and in the building of which were encountered no insuperable difficulties, even for the crude facilities obtainable when most of the work was under construction. It is proposed to duplicate the navigation canal between the River and escarpment, if the prospective market for power warrant the dimensions, and such a water-course will give the Company at three miles per hour flow, 975 h. p. per foot of fall, producing in the main or first head nearly 150,000 h. p. and in the total head over 300,000 h. p. Thus, this immense amount of power will be attained simply by the digging of a race-way, the cutting out of a reservoir, the placing of wheels, etc., on the surface of the ground and the straightening of natural water-courses; which work will all be readily accessible and done under the unusual circumstance of having along side of it a similiar work completed successfully though involved by ad-