

As to the condition of the Park, the companies to whom the concessions have been granted are bound under their agreement with the Ontario Government to restore it to a state of order after their works are completed. The shore line will be considerably altered, and the flow of water diverted to some extent, but we are assured the beauty and grandeur of Niagara will not be detracted from.

The Engineers' Club of Toronto had an opportunity of inspecting the various works on invitation of Cecil B. Smith, resident engineer of the Canadian Niagara Power Co., the other companies joining in extending hospitality to the visitors. The Canadian Association of Civil Engineers is to visit them during the summer. The operations going on are of an extremely interesting character.

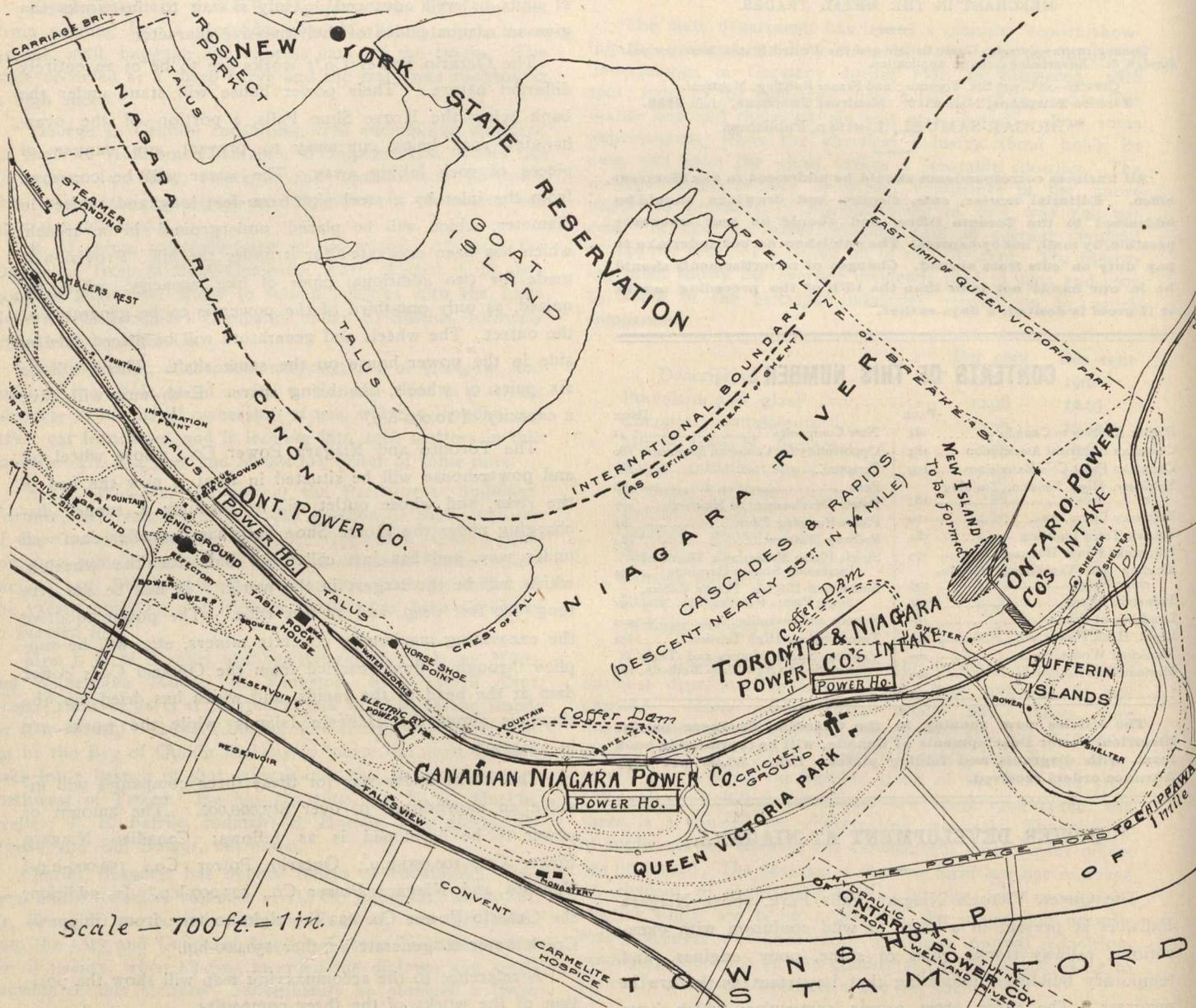
tempting mechanical or commercial impossibilities. It seems to us that the measure is a long step in the right direction.

PEAT.

By H. A. KRUEGER, TORONTO.

The peat bogs of the Dominion of Canada contain an immense source of national wealth, and its practical use has begun, when its value is realized, as is shown in the report of the Bureau of Mines for Ontario. The consequences of last year's strike of the anthracite miners has directed attention to this natural product, as an escape from the fuel famine and brought it into notice, as a substitute for anthracite, with which peat briquettes do not compare unfavorably.

There are many other economic uses for peat outside that of fuel, which seem best understood in Germany. Its



Map Showing Location of Power Developments at Niagara Falls.

—The act passed at the late session of the Ontario Legislature, empowering municipalities to engage in the development of water-power and its electrical transmission, will have an important part in the industrial development of the province. It is the outcome of recent actions in connection with Niagara Falls power, and while giving municipalities extensive powers, free from the control of the Legislature, contains provisions for safeguarding the rights of the people. The practicability of every scheme must be attested by the report of a commission composed of specialists in hydraulic and electrical engineering, as well as in business affairs. Safeguards are provided against at-

moisture-absorbing and retaining qualities are higher than any other known material. It also holds the ammonia and gives it off in moist soil. Ammonia, as we know, is the most valuable agent in fertilizing matter, but very volatile and oxidizing, as can be noticed in a horse stable. It is the best deodorizer and probably most practical disinfectant, itself being odorless and rendering docks and like locations so, and avoiding the very dangerous dock gas.

The application of fertilizer, mixed with peat, renders clay soil mellow, and advances absorption and retention of moisture in a high degree by capillary action. It has in sandy soils too much of a loosening effect, without the addition of clay or calcareous matter, and is not advisable. It appears to stay to some extent the growth of fungi, as rust, mildew,