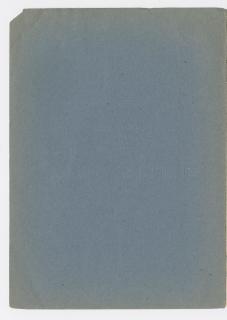
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MEMO, OF FACTS

MUNICIPAL POWER DEVELOPMENT.



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# MUNICIPAL POWER DEVELOPMENT.



#### MENO OF FICTS

# (Dunicipal Dower Development

Toroxyo, December 28th, 1900

is the Chief Officers of the Manicipal Communitions of Outario:

GENTMENT,—At the last session of the Ontario Legislature, "An Act to provide for the contraction of Municipal Power Works and the transmission, distribution and supply of electrical and other power and energy," was pissed as is embedded in Chapter 25 of the Ontario Statutes for 1993. The Act in question confers large powers upon Ontario Municipalities in regard to the development transmission and select of overe, inculting best and librat.

A meeting of representatives from a number of Municipalities interested in the question was held on the 12th August, 1903, at the City Hall, Toronto. At that meeting the following resolution was adopted:

"That this ascellar recommends the appointment by the Manicipalities which dusies to experient under the "Act to provide for the construction of Manicipal Power Works, etc.," of E. W. B. Snider, P. W. Zillis, Adam Bock and Manicipal Power Works, etc., "of E. W. B. Snider, P. W. Zillis, Adam Bock and Sander Sonie and Sander Soni

Pursuant to this residuation, considerable attention has been given by the Asting Gommissioners to this very important question of power. We shall will be a substantially a substantial to the forestead of the public good in the matter. Against, and for the purpose of adding in, see decision, I bug to substant for your consideration the amount memocandure

On lightly of the Actine Commission

(Signed) P. W. ELLIS

#### POWERS OF MUNICIPALITIES.

- Under the Act of last session municipalities singly and jointly are permitted:
- (a) "To secure the acquisition, construction, maintenance and operation of all necessary works, plant, machinery and appliances for the development, generation, transmission, transformation, distribution and supply of electrical and other power and energy, including heat and light for their own corporate use . . . and for the use of such persons, fram and corporations as may desire the same."
- 2. It is to be noted that there is no limitation in the Act as to the place or location of operation. Althought the Niegara Water Power is thought of and spoken of in connection with the Legislative authority, it would seem that authority is bestowed upon municipalities to acquire or develop such energy in any convenient place.
- 3. Under the Manicipal Act there is a certain power of expropriation given tunnicipalities whereby existing electric lighting, gas and vater companies may be acquired. Attention is drawn to this power because it may prove of substantial assistance in obtaining the consent of certain municipalities to join in the larger undertaking when they possess the means of buying out existing companies absorbed excitabilities if their middle.

PRESENT CONDITION OF NIAGARA POWER DEVELOPMENT.

Accidable Quantity.—The total power available at Nisgara Falls, as estimated by American engineers, is about five and a half millions H.P.

Chartered Quantity.—There are two American companies in operation, and three Canadian companies, as follows:

American Nisgara Falls Power Co. (U.S.A.) Nisgara Falls Hydraulic Co. (U.S.A)	
Canadian Nissers Power Co	100,000 H.P.
Toronto and Niagara Fower Co	150,000 H.P.

with their figures.

Robint.—It is clear that there is an enormous surplus still available without carrenching upon scenic effect, and it has also been established by Mr. Randolph,

Resistar.—It is clear that there is an enormous surplus still available without cutrenching upon scenic effect, and it has also been established by Mr. Randoth, of Chicago, that there are at least four highly desirable sites still available on the Casaddan side, within the limits of the Government Park, the aggregate energy of which will very closely auroroximate 300,000 H.P. Outside Consumption.—A guess at the Outside consumption within the limit of perticulate transmission cannot be hazarded, but by common consent the 570,000 H.P., skrouly in process of development by the three Consides corpers cans, is contiderably in excass of all demands for many years to come. The fact that the City of Toronto, with all is lighting, electric railway and manufacturing contributions of the contribution and development. H.P.-, is a partial,

### VALUE TO MUNICIPALITIES OF POWER CONCESSION

Assume Proud Cale.—Very for unner of power have may pile of its macro of most in Line power. The reason is the specialists of bolders, engines, one nections, buildings, set, , or saleding anyoped teachesis of solid reasons are consistent and solid prices. As the contraction of the power of the contraction of the co

Maxiasus Cad Unite Paperly Managed Massizad Massizad Development.—The Sharingam Perre Campany, of Quebech, has quite an expansive develoption of the Campany of Control, has quite an expansive develoption of the Campany of Control, has quite an expansive develoption of the Campany of Control, has the Campany commented to take its whole output at a minimum take and see 188 per 11.8 per annual, addiversed at Montreat, 99 units from the print of development, which is unificient to pay interest on bonds and division of a properly of the Campany of the Campany of the Campany of the Campany of the properly of the Campany of the C

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while the represents in a related willing page, with the others docusal. Their committee is not found in the results of the relation of continuous, track or waragements, one, but the first done in their artificial unless of continuous, track averagements, one, but the first done in the surprises. The surprises of the relation of the

#### POSSIBLE COURSES OPEN TO MUNICIPALITIES

- Independent development at Niayam Fails and elsewhere to sair the needs
  of municipalities joining for the purpose.
- 2. Acquisition of some one of the three existing undertakings at Nisgara Falls.
  - 3. The purchase from existing corporations of power
    - (a) Delivered to consumers.
- (b) Delivered at vendors' power house, subject to transmission at rost and risk of municipalities.
- The acquisition of available power sites—assuming present arrangeme under clause 3 hereof—to hold against future contingencies.

#### Some Questions Involves

- (c) The selection of suitable power sites.

  (6) The ascertaining of costs thereof and procuring of
  - (e) The estimating of amount of demand that may be expected.
  - (d) The scale, mode and cost of development.
  - (e) The mode, limits and cost of transmission.
- (f) The probable cost of expropriation of existing lighting companies holdin municipal contracts or franchise.
- (g) The utilization in the consolidated scheme of the plants so expropriated.
- (b) The preparation of a scale of prices adapted to the varying conditions and modified manifoldalities and private consumers, including cost of expropriation of existing companies where such is a condition of municipal co-operation.
- (i) The dore-tailing into the larger plan of any scheme which any municipality

- (j) The consolidation or the separation of different undertakings in order to
- (k) The reduction of the whole question to the simplest possible plan or plans for resommendation to the various municipal interests concerned, including a perfect scheme of financing which shall provide for every charge and the repayment of capital within a legitimate period.

## MODE OF DEALING

The consideration of the above and other necounty but unspecified matters is a necessary printingary to small a station. Such consideration, however, one only be given to the subject by a committee of expects, whose appointment, therefore, should be approach upper but manipulation, cover not be smallest those solic inferent might consist ut a reduced lightling bill. The saving to such will be approximately in the some proportion as that of other numipalities with mach heavier interests. Under section 2 of the Municipal Power Act such a committee of expects may be appointed by any one or more manifold expertation for



