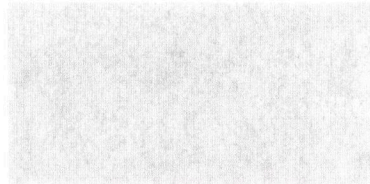


September 26, 2016

Stella Leney, Ad.E.
Senior Director – Environment and
Corporate Affairs
20^e étage
75, boulevard René-Lévesque Ouest
Montréal (Québec) H2Z 1A4



Our file : C-5310

Subject: Application under the Act respecting access to document held by public bodies and the protection of personal information (R.S.Q., c. A-2.1) (hereinafter Access Act)

Dear Mr. Dotler:

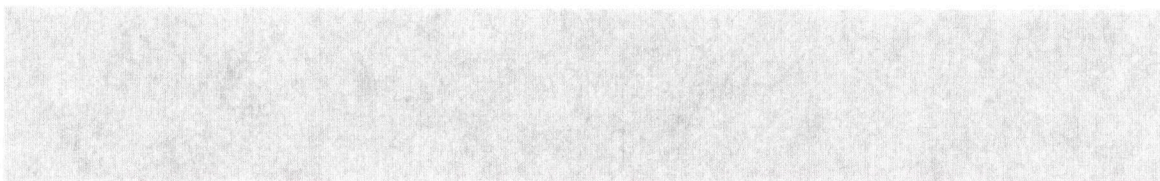
We are responding to your letter of August 26, 2016, in which you request the following information:

1. *Hourly electricity demand within Québec for one year (preferably a recent year like 2014)*
2. *Total hourly electricity production in Québec, including exports, for one year (again preferably a recent year like 2014)*
3. *Characteristics of Hydro Québec facilities including:*
 - *Maximum and minimum reservoir volumes at dams with reservoir storage*
 - *Power curves that detail the relationship between water out-flow (m³/s) and electricity output at each site*
 - *Spillway capacity (m³/s) and a sense of whether water is routinely spilled without passing through the power plant*
 - *Minimum outflow volumes at each site (m³/s). We are aware that there are often downstream concerns that require a minimum level of flow to be maintained downstream from hydro facilities. These minimum flow volumes can sometimes be regulated.*
 - *Maximum ramp rates for changing the flow of the downstream river. Again this may be a regulated constraint to avoid sudden changes to the river and impacts on downstream communities.*
4. *Transmission links within Québec and between Québec and neighbouring jurisdictions. Ideally we are looking for GIS files indicating the paths of high-voltage lines and their design and capacity.*

As for the first point in your request, you will find enclosed a compact disc containing a report on the hourly electricity demand in Québec for 2014.

As regards the second point, the compact disc enclosed also contains a report on the total electricity production in Québec for 2014. However, it should be noted that the report does not include the production of McCormick and Churchill Falls generating stations, or of the Rio Tinto Alcan generating stations. Indeed, McCormick generating station is a private partnership, of which Hydro-Québec receives only part of the production; Churchill Falls generating station is located outside of Québec; and the Rio Tinto Alcan generating stations generate 90% of the electricity used by that company.

Concerning the third point in your request, you will also find on the compact disc a table indicating the maximum volume for each reservoir, and another table indicating minimum outflow volumes where applicable. Note that only Bersimis-2 is subject to a maximum hourly flow variation, i.e. 93 m³/s.



As for the fourth point in your request, you will find on the compact disc a document detailing the start and end points of each transmission line in Québec, including their rated capacity, and a simplified diagram of the interconnections with Hydro-Québec's neighboring systems.

If you believe you have not obtained a satisfactory response or if you did not receive a response within the prescribed time, you may apply for a review to the Commission d'accès à l'information (CAI) in accordance with Section 135 of the Access Act. We have enclosed a note regarding the review process.

We hope this meets with your satisfaction.

Yours truly,



Stella Leney
Person in charge of access to documents
and the protection of personal information

Encl.