

CANADA

PROVINCE DE QUÉBEC  
DISTRICT DE MONTRÉAL

DOSSIER R-4045-2018

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RÉGIE DE L'ÉNERGIE

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TARIFS ET CONDITIONS DE SERVICE  
D'HYDRO-QUÉBEC DISTRIBUTION (HQD)  
POUR L'USAGE CRYPTOGRAPHIQUE  
APPLIQUÉ AUX CHAÎNES DE BLOCS

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HYDRO-QUÉBEC  
En sa qualité de Distributeur

Demanderesse

-et-

PREMIÈRE NATION CRIE DE WASWANIP  
et  
CORPORATION DE DÉVELOPPEMENT  
TAWICH, une entité entièrement propriété de  
la Première Nation Crie de Wemindji


Intervenantes

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**DOCUMENT PUBLICITAIRE D'HYDRO-QUÉBEC DISTRIBUTION DE 2016 FAISANT ÉTAT DU BESOIN  
MOINDRE DE REFROIDISSEMENT DES CENTRES D'ORDINATEURS EN CLIMAT FROID ET DU TARIF  
AVANTAGEUX OFFERT**

Régie de l'énergie - Dossier R-4045-2018  
 Tarifs et conditions de service d'Hydro-Québec Distribution (HQD) pour l'usage cryptographique appliqué aux chaînes de blocs


Hydro-Québec is putting its expertise and experience to work for you!



A reliable power grid and highly competitive rates




Low-cost, low-emission energy supply



In line with the Québec government's digital strategy

WE WILL SUPPORT YOU EVERY STEP OF THE WAY.



GREEN ENERGY FOR YOUR DATA  
 Québec: The Smart Place to Deploy Your Data Centre

For further information, contact Eric Lafrance at lafrance.eric@hydro.qc.ca

Hydro-Québec  
 Coordonnée par Communication avec le client  
 Direction - Grands clients



2016-2017



Hydro-Québec makes setting up shop in Québec easy!

Setting up shop in Québec delivers many benefits

**THERE ARE MANY ADVANTAGES TO BUILDING AND OPERATING A DATA CENTRE IN QUÉBEC**

- A reliable supply of clean, renewable and low-carbon power
- Highly competitive electricity rates
- A competitive tax regime
- A climate that reduces the demand for power
- A technologically advanced telecommunications network
- A qualified and available engineering workforce

**CHOOSE QUÉBEC FOR ALL THESE BENEFITS AND MORE!**

**INTERESTED IN DOING BUSINESS IN QUÉBEC? HYDRO-QUÉBEC IS YOUR PARTNER OF CHOICE!**

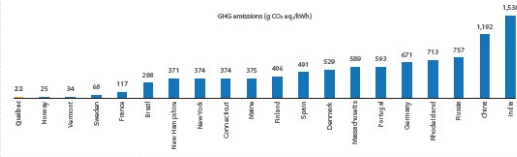
Take advantage of our support and guidance every step of the way, from drawing up your initial plans to getting your business up and running.

- Our team provides:
- Sites available near the airport and major highways to facilitate your site search.
  - Vast project management experience will help ensure your facility is hooked up to the grid quickly.
  - Energy efficiency expertise to help reduce your consumption.
  - Support service to facilitate access to various government assistance programs designed to attract new business.

**+ ADVANCED KNOW-HOW + LOW OPERATING COSTS + IDEAL SITES + QUALIFIED WORKFORCE + CLEAN ENERGY**

**LARGE QUANTITIES OF RENEWABLE ENERGY WITH LOW GREENHOUSE GAS EMISSIONS**

Most of the 45,000 MW of energy that we supply comes from renewable sources.



**OUTSTANDING SITES**

Hydro-Québec has a portfolio of competitively priced sites from 500,000 to over 20,000,000 sq. ft., with ready access to plenty of energy, major highways and the Montréal international airport.



**A COLD CLIMATE THAT MINIMIZES THE NEED FOR COOLING SYSTEMS**

Water-side free cooling is possible for more than 60% of the year.

CITY	QUÉBEC	MONTREAL	QUINCY (IA)	NEW YORK (NY)	LEIRIK (BC)	ASHHEIM (VA)	SAN JOSE (CA)	DALLAS (TX)	JACKSONVILLE (FL)
AVERAGE ANNUAL TEMPERATURE (°C)	4	6.8	10.3	12.9	14	14.1	15.4	18.7	20

**VERY AFFORDABLE RATES, GIVING YOUR BUSINESS A COMPETITIVE EDGE AND BOOSTING YOUR BOTTOM LINE**

RATE	(\$/kWh, C\$)	(\$/kWh, US\$ <sup>1</sup> )
Large power rate <sup>2</sup>	3.90	3.12
Large power rate + DRP <sup>3</sup>	3.07	2.45

1. Exchange rate: C\$ = US\$1.08  
 2. Rate is for large power with 50% investment credit (includes Economic Development and Investment (EDM) for 10 years, followed by grandfathered rate for 10 years over 10-year period.  
 3. Additional credit under the Climate Change Programs (CCP).



**AN ABUNDANT, QUALIFIED WORKFORCE**

Every year, Québec universities grant nearly 3,000 degrees in computer science, computer engineering, electrical engineering and related fields.

Document publicitaire d'Hydro-Québec Distribution de 2016 faisant état du besoin moindre de refroidissement des centres d'ordinateurs en climat froid et du tarif avantageux offert

Première Nation crie de Waswanipi et la Corporation de développement Tawich (Wemindji)