DEMANDE DE RENSEIGNEMENTS N° 1 D'OPTION CONSOMMATEURS (OC) À ÉNERGIR

DEMANDE RELATIVE AU DOSSIER GÉNÉRIQUE PORTANT SUR L'ALLOCATION DES COÛTS ET LA STRUCTURE TARIFAIRE DE GAZ MÉTRO

R-3867-2013 PHASE 2

Questions de l'Expert William P. Marcus

1. Demande :

1.1 For every day from July 1, 2017, through the latest available day, please provide the following information, in an Excel format:

a) The date
b) Heating degree days for the system as measured by Énergir.
c) Heating degree days in Montreal.
d) Amount of gas purchased at Dawn on (a) contracts longer than a month; (b) monthly indexed contracts; and (c) daily purchases.
e) Amount of gas purchased at Parkway on (a) contracts longer than a month; (b) monthly indexed contracts; and (c) daily purchases.
f) Amount of gas purchased elsewhere and transported to Dawn or Parkway on (a) contracts longer than a month; (b) monthly indexed contracts; and (c) daily purchases.
g) Spot price of gas at Dawn.
h) Amount of gas delivered to Dawn storage.
i) Amount of gas withdrawn from Dawn storage.
j) Amount of gas used in compression or other uses at Dawn storage.
k) Gas inventory at Dawn storage.
l) Throughput on each transportation contract held by Énergir (i.e., for each TCPL contract (long-haul, short-haul Parkway, short-haul Dawn year-round, short-haul winter only, and any short-term contracts for additional capacity held by Énergir).
m) Amount of gas used in compression for transportation from Dawn and Parkway to the Énergir franchise.
n) Amount delivered to Énergir franchise.
o) Amount injected at St. Flavien.
p) Amount withdrawn at St. Flavien.
q) Gas inventory at St. Flavien.
r) Amount of gas used in compression or other uses at St. Flavien.

s) Amount injected at Pointe du Lac.
t) Amount withdrawn at PDL.
u) Gas inventory at PDL.
v) Amount of gas used in compression or other uses at PDL.
w) Amount injected for LNG storage.
x) Amount withdrawn from LNG storage for system use.
y) Gas Inventory in LNG storage.
z) Gas losses from LNG storage.
aa) Amount of interruption by GNGL.
bb) Amount of LNG provided to GNGL from LNG storage.
cc) Amount of interruption by other interruptible customers.
dd) Amount nominated for delivery (i) to franchise, (ii) to storage at Dawn, and (iii) from storage at Dawn.
ee) Amount actually delivered (i) to franchise, (ii) to storage at Dawn, and (iii) from storage at Dawn.
ff) Franchise daily demand by end-use customers, divided into telemetered customers and all other customers.

2. Demande :

2.1 Please provide the contract terms under which Énergir purchases storage at Dawn, including but not limited to:

a) Maximum injection capacity (including any differences by time of year)
b) Maximum withdrawal capacity (including any differences by time of year)
c) Maximum inventory (including any differences by time of year)
d) Price for the service, either bundled or unbundled into these components or any other components used by Union Gas.

3. Demande :

3.1 Please provide the contract terms under which Énergir purchases storage at St. Flavien, including but not limited to:

e) Maximum injection capacity (including any differences by time of year)
f) Maximum withdrawal capacity (including any differences by time of year)
g) Maximum inventory (including any differences by time of year)

h) Price for the service, either bundled or unbundled into these components or any other components used by the seller.

4. Demande :

4.1 Please provide the contract terms under which Énergir purchases storage at Point du Lac, including but not limited to:

a) Maximum injection (including any differences by time of year)
b) Maximum withdrawal (including any differences by time of year)
c) Maximum inventory (including any differences by time of year)
d) Price for the service, either bundled or unbundled into these components or any other components used by the seller.

5. Demande :

5.1 Please provide the terms under which Énergir uses LNG storage, including but not limited to

a) Maximum injection (including any differences by time of year).
b) Maximum withdrawal (including any differences by time of year)
c) Maximum inventory (including any differences by time of year)

6. Demande :

6.1 Please provide gross plant and depreciation reserve for Usine LSR (LNG storage assets) and identify when the LNG storage facility was first placed into service.

7. Demande :

7.1 Please provide monthly indexed gas prices for each month from 2018 through the end of 2020 at Dawn.

8. Demande :

8.1 Please provide average prices of gas delivered to end use customers by month from 2018 through the end of 2020 (supply plus any load balancing related to supply).

9. Demande :

9.1 For each storage facility, please provide the average cost of gas injected and withdrawn by month from July 2018 through the end of 2020.

10. Demande :

10.1 How many customers furnish their own gas supply and provide their own load balancing, and what is the monthly supply (a) nominated; and (b) delivered to the customer from 2018 through the end of 2020.

11. Demande :

11.1 Please provide daily nominations and deliveries to customers furnishing their own gas supply on each day from July 1, 2019, through the end of 2020.

12. Demande :

12.1 Please provide (or refer to a source for) a copy of the tariff under which a customer may furnish their own gas supply while providing their own load balancing.

13. Référence : **i)**Pièce B-0559, Page 25 et 26, lignes 14 et 15

Préambule :

« Demand is higher during weekdays (Monday-Thursday) than on weekends (Friday-Sunday) or on holidays.»

Demande :

13.1 How does Énergir respond to this fluctuation in large commercial and industrial demand?

13.2 In particular, does Énergir inject more into storage (or withdraw less) at (a) Dawn and (b) St. Flavien on weekdays than weekends, all else (e.g., temperature) being equal. Please provide a narrative description.

14. Référence : **i)**Pièce B-0557, Page 76, lignes 11 à 13

Préambule :

« Maintaining an inventory only serves the needs of customers with a seasonal profile, because the uniform portion of the demand requires no inventory. The costs related to inventory must therefore be broken down based on the seasonal consumption profile. »

Demande :

14.1 Is this statement true for customers whose demand does not fluctuate seasonally but have routine deviations of several percent per day over time and lower consumption on weekends and holidays than weekdays? Please explain in detail.

15. Référence : **i)**Pièce B-0559, page 47

Demande :

15.1 Please compare the interruptible discounts proposed by Énergir with the cost of tools for peaking (Pointe du Lac, LNG).

15.2 When calculating the peak should interruptible loads be included in the peak for cost allocation and then removed and separately paid for as a tool for peak gas supply, or should they be removed from the peak for cost allocation?

16. Références : **i)**Pièce B-0557, Appendix 6, page 22 of 34
ii) Pièce B-0565, Appendix 6, tab. 6.1 - Allocation, line 38 and line 44

Demande :

16.1 Please explain why Line Pack is allocated by excess demand.

16.2 Please explain "Fixed Costs Storage – Enbridge Gas" represent, specifically if the costs are related in any way to storage at Dawn, and why the rate base is allocated by excess demand.

17. Référence : **i)**Pièce B-0560, Page 35, lignes 23 à 28

Préambule :

« Énergir proposes that customers who only slightly modify their deliveries on an annual basis not be billed adjustment fees. Any price variance caused by a daily contract volume (DCV) between 98% and 102% of the uniform delivery would not be billed; the buy-back and sale price within this interval would be the distributor's price or the average price for the period. Outside the 2% variance, the buy-back price would be based on the market price.»

Demande :

17.1 Please explain how this would be billed to the customer, whether it would be based on each individual day's demand summed up at the end of the year or whether it would be based on annual demand summed up at the end of the year?

17.2 If annual demand, please explain how market prices would be calculated from daily data.

17.3 How would this method work for a customer purchasing a "flat package" of gas (equal amounts every day of the week when demand fluctuates and is often less on Fridays, weekends, and holidays, and more on other days)?

18. Références : **i)**Pièce B-0560, Page 42, lignes 12 à 14
ii) Pièce B-0565, Appendix 6, tab. 6.1 - Allocation

Préambule :

« For customers with less than 75,000 m³/year billed at the average D1 price, the average price drops from 3.839 ¢/m³ in the 2020-2021 Rate Case to 3.638 ¢/m³ with the proposed rate, or a decrease of about 5.3%.»

Demande :

18.1 Please explain why it can be calculated from the Tab. 6.1 that rate D1 customers up to 109,000 cubic meters per year have the same revenue per cubic meter and cost per cubic meter for supply, transportation, and balancing.

18.2 Does the calculation in question 18.1 assume that each customer group up to 109,000 cubic meters per year has the same load factor?

18.3 Does Energir have any load research data breaking out customers smaller than 109,000 cubic meters into different size groups to identify any differences in load patterns and load factors among these customers? If so, please provide it.

18.4 Related to question 18.2, does Energir have data on the number of and average monthly consumption of single-family houses and individually metered multifamily units (apartment buildings, town homes, etc.) for any time period after January 1, 2017. If so, please provide it.

18.5 Related to question 18.2, does Energir have data to divide the number of customers in each group columns 4-9 of Appendix 6-1 (or any other groupings under 109,000 cubic meters if the specifics in this table are not available) into (a) single-family houses; (b) individually metered multifamily units; (c) master-metered multi-family units; (d) commercial and other customers.

Questions de OC

19. Références : i) https://www.ledevoir.com/economie/592655/synergie-renforcee-pour-le-chauffage

ii) Rapport sur la résilience climatique d'Énergir (https://www.energir.com/~/media/Files/Corporatif/Dev%20durable/Rapport-Resilience-Climatique-Energir-2020.pdf?la=fr)

Préambule :

i) *« Hydro-Québec et Énergir proposeront d'ici juillet à la Régie de l'énergie des tarifs communs pour les clients qui se doteront de systèmes de chauffage biénergie. Des équipes d'employés provenant des deux plus importants distributeurs d'énergie œuvrent depuis novembre à coordonner leurs réseaux afin d'offrir une solution qui permettrait d'atteindre les objectifs québécois de réduction de gaz à effet de serre dans le secteur des bâtiments.*

[…]

L'objectif : coordonner les deux réseaux afin de réduire de moitié les émissions de gaz à effet de serre (GES) liées au chauffage des bâtiments résidentiels, commerciaux et institutionnels d'ici 2030 par rapport à 1990.

Pour ce faire, des bâtiments dont les appareils de chauffage carburent au gaz naturel devront les changer pour des systèmes biénergie. Ces systèmes, qui utiliseront l'électricité comme principale source d'énergie presque toute l'année, pourront être alimentés par du gaz naturel en période de forte demande.

« Nous travaillons justement à établir ce "point de bascule" de l'électricité vers le gaz. Ça dépend d'une multitude de facteurs, dont, bien sûr, la température », dit Mme Sapin.

Car voilà, le chauffage des bâtiments exerce une pression considérable sur le réseau électrique, explique Sabrina Harbec, directrice des programmes commerciaux des expertises énergétiques et affaires réglementaires chez Hydro-Québec. « Lors des grands froids en hiver, c'est le secteur qui met le plus de pression sur notre réseau. »

Le réseau de la société d'État a été conçu pour répondre à la demande de ces périodes de pointe qui peuvent atteindre 40 000 mégawatts. Variant en fonction de la température, elles représentent annuellement entre 100 et 400 heures.

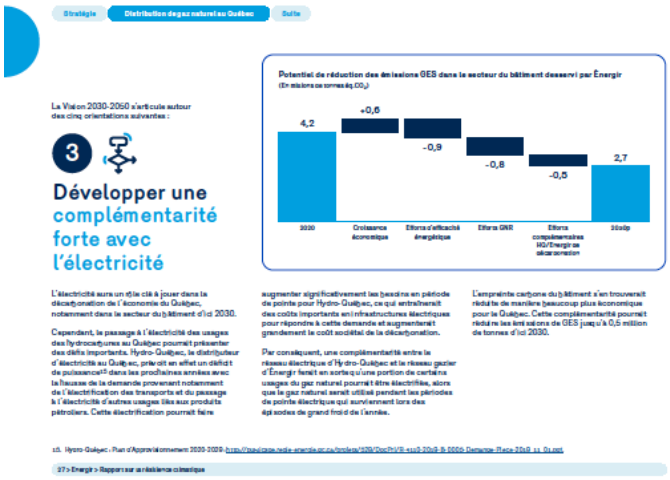
Or, la consommation du gaz naturel en période de pointe permettra de réduire cette pression et, par conséquent, de « libérer de l'électricité pour électrifier d'autres secteurs », comme le transport et la culture en serre,

explique-t-elle. Ainsi, Hydro-Québec n'aura pas à augmenter sa capacité de production pour répondre à la demande qui découle de l'électrification de l'économie.

[…]

(nos soulignements) »

ii) «



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Demande :

19.1 Veuillez confirmer que le projet de tarifs commun entre Hydro-Québec et Énergir décrit à la référence i) correspond au projet de développement d'une complémentarité forte avec l'électricité décrit à la référence ii).

19.2 Veuillez indiquer si le projet décrit à la référence i) correspond au projet de complémentarité entre Énergir et Hydro-Québec.

19.3 Veuillez indiquer en quoi consiste le projet de développement d'une complémentarité forte avec l'électricité mentionnée aux références i) et ii).

19.3.1 Veuillez définir en quoi consiste le projet de tarifs commun.

19.3.2 Veuillez indiquer le type de clientèle visée par ce projet.

19.3.3 Veuillez indiquer le nombre de clients visés par ce projet.

19.3.4 Veuillez indiquer quel sera l'impact de ce projet sur les volumes de gaz naturel distribué ainsi que sur les approvisionnements gaziers (molécule, transport et outils d'équilibrage).

19.3.5 Veuillez indiquer quels sont les scénarios d'impact tarifaire estimée par Énergir suite à la mise en place de ce projet de tarifs.

19.4 Veuillez indiquer comment Énergir va s'assurer qu'il n'y ait pas d'interfinancement entre les clients participant au nouveau projet/tarifs et les autres clients.

19.5 Veuillez indiquer comment Énergir va s'assurer qu'il n'y ait pas d'interfinancement entre les clients d'Énergir et ceux d'Hydro-Québec dans l'application du projet de tarifs commun.