

DEMANDE DE RENSEIGNEMENTS N° 1 D'OPTION CONSOMMATEURS (OC) À HQD-ÉNERGIR
DEMANDE RELATIVE AUX MESURES DE SOUTIEN À LA DÉCARBONATION DU CHAUFFAGE DES
BÂTIMENTS COMMERCIAL ET INSTITUTIONNEL - R-4169-2021 Phase 2

1. Référence : i) *B-0125, HQD-Énergir-8, document 1, p. 4, line 20 and p.12, Table 2.*

Préambule: Énergir and HQD provide the total number of potential commercial and institutional clients for the Bi-énergie Program.

Demandes :

- 1.1 Confirm that the estimates of 35,000 commercial and 6,500 institutional clients of Énergir eligible for the Bi-énergie program are still valid.
- 1.2 How many of Énergir's commercial and institutional clients are expected to convert by 2030?
- 1.3 How many users of propane and other fuels are estimated to convert?
- 1.4 Please provide the estimated number of clients in each segment (commercial and institutional). If possible, provide a breakdown according to the 5 sub-sectors dealt with in Tables 5 to 9 (commerce de détail de petite taille, bureau commercial, bureau institutionnel, hôpital and école secondaire).
- 1.5 Does the École Secondaire sub-sector include primary schools?

2. Référence : i) *B-0125, HQD-Énergir-8, document 1, p.13, Table 3 and Table 4*

Préambule: OC wishes to understand the approximate number of conversions in each of the 5 commercial and institutional subsectors based on type of heating system.

Demandes :

- 2.1 Please provide estimates for the number of installations for each type of baseline building heating equipment in each of the 5 sub-sectors dealt with in Tables 5-9.
- 2.2 Please provide estimates of the number of "Bi-énergie efficace" installations under the program for each of the 5 sub-sectors (hot water conversions and hot air conversions where applicable).

3. Références : i) B-0125 HQD-Énergir-8, document 1, p. 10, Section 2.3.1, lines 19-22 and p.11, lines 1-2 ;

ii) B-0131, *Présentation séance de travail, slide 8*

Préambule: The Distributors indicate financial support from three partners – HQ, Énergir and MELCCFR.

Demandes :

- 3.1 Please list and provide summaries of the Énergir and HQD programs referenced, including applicable criteria for Bi-énergie clients.
- 3.2 Please provide the current 2022 and proposed future annual budgets for each distributors' EE programs.
- 3.3 Please list how many clients received support in 2022 (baseline) and the projection for the number of residential and CI clients and total expenditures 2023-2030.
- 3.4 Provide an estimated average contribution cost per CI client for each program for each of the 5 sub-sectors.

4. Référence : i) B-0125, *HQD-Énergir-8, document 1, p.12, Table 2 and p. 15-18, Tables 5-9*

Demandes :

- 4.1 Please clarify the average **baseline consumption** for each of the 5 sub-sectors for:
 - i) Natural gas for heating and hot water.
 - ii) Electricity for general use (not space and hot water heating).
- 4.2 Confirm the heating/hot water system(s) examples are for the base volumes. Please provide these for each of the 5 sub-sectors.
- 4.3 Please reconcile the baseline consumption of gas & electricity to the annual bills (“factures annuelles”) in Tables 5-9.

- 5. Référence :** **i) B-0125, HQD-Énergir-8, document 1, p.15, Table 5**
 ii) B-0127, Excel Spreadsheet: Tab Opex

Demandes :

- 5.1 Please confirm return on investment (PRI) (years) for small retail Bi-énergie hot air system with
 -50% subsidy of Capex
 -80 % subsidy of Capex
- 5.2 Comment on what is the allowed PRI (years) to qualify for a subsidy.
- 5.3 Provide estimated number of Small Retail CI clients and total subsidies required for 2023-2030.
- 5.4 Please confirm PRI for small retail bi-énergie hydronic system with
 -50% subsidy of Capex
 -80 % subsidy of Capex
- 5.5 Comment on what is the allowed PRI (years) to qualify for a subsidy?
- 5.6 Provide estimated
 - i) number of Small Retail CI clients and
 - ii) total subsidy required for 2023-2030

- 6. Références :** **i) B-0125, HQD-Énergir-8, document 1, p. 15, Table 5**
 ii) B-0127, Excel Spreadsheet: Tab Opex

Demandes :

- 6.1 Please provide the working papers and all relevant assumptions for this example.
- 6.2 Line 15, Cells B15-N15 show the baseline in kwh and total of 35,179 for the all gas option. Please provide the source of these numbers.
- 6.3 Line 46, Cells B46-N46 show baseline kwh and total kwh of 39,648 for the Bi-énergie efficace option. Please provide the source of these numbers. Explain why the baseline values are different from those of the gas option?

- 7. Références :** **i) B-0125, HQD-Énergir-8, document 1, p.16, Table 6**
 ii) B-0127, Excel Spreadsheet: Tab Capex Bureau Commercial

Demandes :

- 7.1 Please provide the working papers and all relevant assumptions for this example.

- 7.2 Please confirm PRI (years) for Bureau Commercial with hot air system
-50% subsidy of Capex
-80 % subsidy of Capex
- 7.3 Comment on what is the likely PRI (years) to qualify for a subsidy.
- 7.4 Please provide estimated number of Bureau commercial CI clients and total subsidy required for 2023-30.
- 7.5 Please confirm PRI (years) for Bureau Commercial with a hot air and for hydronic system
-50% subsidy of Capex
-80 % subsidy of Capex
- 7.6 Comment on what is the allowed PRI (years) for the maximum subsidy.
- 7.7 Please provide the estimated
 - i) number of Bureau commercial CI clients and
 - ii) total subsidy required for 2023-2030.

- 8. Référence :** *i) B-0125, HQD-Énergir-8, document 1, p.17, Table 7*
ii) B-0127, Excel Spreadsheet: Tab Capex -Bureau Institutionnel

Demandes :

- 8.1 Please provide the working papers and all relevant assumptions for this example.
- 8.2 Please confirm PRI for Bureau Institutional with hydronic system
-50% subsidy of Capex
-80 % subsidy of Capex
- 8.3 Comment on what is the allowed PRI (years) for the maximum subsidy.
- 8.4 Please provide estimated
 - i) number of Bureau Institutional CI clients and
 - ii) total subsidy required for 2023-2030.

- 9. Référence :** **i) B-0125, HQD-Énergir-8, document 1, p.17, Table 8**
 ii) B-0127, Excel Spreadsheet: Tab Capex- Hôpital (Tableau 8)

Demandes :

- 9.1 Please provide the working papers and all relevant assumptions for this example.
- 9.2 Please confirm PRI for Hospital with hydronic system
 -50% subsidy of Capex
 -80 % subsidy of Capex
- 9.3 Comment on what is the allowed PRI (years) for the maximum subsidy.
- 9.4 Please provide:
 i) estimated number of Hospital clients and
 ii) total subsidy required for 2023-2030.

- 10. Références :** **i) B-0125, HQD-Énergir-8, document 1, p. 18, Table 9**
 ii) B-0127, Excel Spreadsheet: Tab Capex- École Secondaire

Demandes :

- 10.1 Please provide the working papers and all relevant assumptions for this example.
- 10.2 Please confirm PRI (years) for École Secondaire with hydronic system
 -50% subsidy of Capex
 -80 % subsidy of Capex
- 10.3 Comment on what is the allowed PRI (years) for maximum subsidy.
- 10.4 Please provide
 i) estimated number of École Secondaire clients and
 ii) total subsidy required for 2023-2030.

11. Référence: Natural Resources Canada (NRCan) Greener Homes Initiative

Demandes :

- 11.1 Have the Distributors held discussions with NRCan regarding the Greener Homes Initiative as related to the Distributors' energy efficiency programs and the Bi-Énergie program? Please provide details.
- 11.2 Have the Distributors discussed with NRCan if conversions to Bi-énergie qualify for support under the NRCan GH program? If so, please provide more information.

12. Référence : i) B-0126 : HQD-Énergir-8, document 2, p. 7, Table 10 and lines 1-3

Préambule : « On constate que l'impact de l'ajustement des paramètres sur les revenus requis est au plus marginal. Il n'y aura donc pratiquement aucun effet sur les hausses tarifaires estimées au cours de la phase 1 du présent dossier. »

Demandes :

- 12.1 Please confirm the updated GHG contribution to Énergir for Phases 1 and 2 separately.

13. Référence : i) B-0126, HQD-Énergir-8, document 2, p.10, Table 11

Préambule : Table 11 presents the « Impact potentiel de la conversion du chauffage aux combustibles autres que le gaz naturel à la biénergie -2030 ».

Demandes :

- 13.1 What other fuels are included in the category "Autres"?
- 13.2 Confirm that suppliers of propane and other fuels will lose \$21 million in revenue for 2023-2030.
- 13.3 Please indicate if and how Énergir and HQD will compensate these fuel supplier for loss of revenue.

14. Référence : i) B-0126 : HQD-Énergir-8, document 2, p. 11, Table 12, lines 5-14

Préambule : « HQ a appliqué les informations provenant des analyses des demandes d'alimentation des clientèles résidentielles⁷ et non résidentielles (Tableau 12) à l'estimation de 4 000 clients par année qui auront à modifier leurs installations électriques. L'impact financier total ainsi obtenu serait d'environ 8,3 M\$ annuellement incluant les frais d'intervention sur le réseau. De ce montant, environ 1,9 M\$ seraient pour la clientèle résidentielle et environ 6,4 M\$, pour la clientèle autre que résidentielle. HQ précise que la légère baisse de l'impact financier par rapport à l'évaluation initiale de près de 9 M\$ s'explique par l'utilisation pour cette nouvelle évaluation des données distinctes pour chacune des clientèles plutôt que celles globales, comme cela avait été fait dans l'analyse présentée en phase 1. »

Demandes:

- 14.1 Please confirm who will pay these costs and the estimated amount per year and total
 - i) System connections
 - ii) Customer service panel.

- 14.2 Will customers be allowed to pay on their bill over time? If so, over what period ?

15. Références : i) B-0126, HQD-Énergir-8, document 2, p. 5, Table 6
ii) B-0127, Excel Spreadsheet: Tab Capex -Commerce de détail

Demandes:

- 15.1 Please provide the working papers and assumptions for Excel spreadsheet

- 15.2 Please confirm that for existing gas customers, system costs are sunk (i.e., already spent) and costs are only applicable to new buildings.

- 15.3 Please provide PRI calculations, for hot air and hydronic systems, including all relevant assumptions.

- 16. Références :** **i) B-0126, HQD-Énergir-8, document 2, p. 5, Table 6**
 ii) B-0127 Excel Spreadsheet: Tab Capex –Bureau Commercial

Demandes:

- 16.1 Please provide the working papers and assumptions for Excel spreadsheet

- 16.2 Please confirm that for existing gas customers, system costs are sunk and costs are only applicable to new buildings.

- 16.3 Please provide the PRI calculations, for hot air and hydronic systems, including all relevant assumptions

- 17. Références :** **i) B-0126, HQD-Énergir-8, document 2, p.6, Table 7**
 ii) B-0127, Excel Spreadsheet: Tab Capex –Bureau Institutionel

Demandes :

- 17.1 Please provide the working papers and assumptions for Excel spreadsheet.

- 17.2 Please confirm that for existing gas customers, system costs are sunk and costs are only applicable to new buildings.

- 17.3 Please provide the PRI calculations for hydronic systems, including all relevant assumptions.

- 18. Références :** **i) B-0126, HQD-Énergir-8, document 2, p.6, Table 8**
 ii) B-0127 Excel Spreadsheet: Tab Capex –Hopital

Demandes :

- 18.1 Please provide the working papers and assumptions for Excel spreadsheet.

- 18.2 Please confirm for existing buildings, gas system costs are sunk and costs are only applicable to new buildings

- 18.3 Please provide the PRI calculations, hydronic systems, including all relevant assumptions.

- 19. Références :** i) B-0126, *HQD-Énergir-8, document 2, p.6, Table 9*
 ii) B-0127 Excel Spreadsheet: Tab Capex –École Secondaire

Demandes :

- 19.1 Please provide the working papers and assumptions for Excel spreadsheet.
- 19.2 Please confirm that for existing buildings, gas system costs are sunk and costs are only applicable to new buildings.
- 19.3 Please provide the PRI calculations for hydronic systems, including all relevant assumptions.

- 20. Références :** i) B-0126, *HQD-Énergir-8, document 2 (in total)*

Demandes :

- 21.1 Please provide an estimate of the number of conversions of existing buildings over 2023-2030.
- 21.2 Please provide an estimate of the number of conversions of new buildings over 2023-2030.
- 21.3 Please estimate amount of Capex and total subsidy over 2023-2030.
- 21.4 Please provide an estimate of the reduction in gas consumption over 2023-2030.
- 21.5 Please provide an estimate of the amount of GHG reduction over 2023-2030.