

Industrial Systems Program – Terms and Conditions Applicable to Off-Grid Systems

This document describes the specific terms and conditions that apply to off-grid systems. In addition to those listed below, projects related to off-grid systems must comply with all the other terms and conditions governing the Industrial Systems Program.



Description of Off-Grid Systems

An off-grid system is a power generation and distribution system that belongs to Hydro-Québec but is not connected to the main grid. At the heart of each of these systems is a power plant from which electricity is delivered to one or more communities. The power plants in these systems are listed below, along with the communities they serve, when they have a different name than the power plant.

Basse-Côte-Nord

Lac Robertson hydropower plant: Blanc-Sablon, Chevery, Harrington Harbour, La Tabatière, Lourdes-de-Blanc-Sablon, Middle Bay, Mutton Bay, Rivière-Saint-Paul, Tête-à-la-Baleine, Bradore-Bay, Aylmer Sound, Saint-Augustin

Blanc-Sablon thermal power plant: (auxiliary)

La Romaine thermal power plant: La Romaine village and Indian reserve

Port-Menier thermal power plant: Île-d'Anticosti

Schefferville

Menihék hydropower plant*: Schefferville, Matimekosh and Kawawachikamach

Îles-de-la-Madeleine

Îles-de-la-Madeleine and Île-d'Entrée thermal power plants: Îles-de-la-Madeleine (Fatima, Grande-Entrée, Havre-aux-Maisons, L'Île-du-Havre-Aubert, L'Étang-du-Nord, Cap-aux-Meules and L'Île-d'Entrée) and Grosse-Île

Nunavik

Akulivik, Aupaluk, Inukjuak, Ivujivik, Kangiqsualujjuaq, Kangiqsujuaq, Kangirsuk, Kuujjuaq, Kuujjuarapik (Whapmagoostui), Puvirnituq, Quaqtaq, Salluit, Tasiujaq and Umiujaq

Haute-Mauricie

Obedjiwan and Clova

Specific Conditions Concerning Eligible Measures

Any measure that helps reduce oil consumption in a building or process connected to an off-grid system is recognized in calculating financial assistance and the eligible energy savings.

Oil savings are calculated in equivalent kilowatthours (ekWh), according to the equipment's output on the date we confirm reception of the project proposal (for projects submitted under the Prescriptive Measures and the Electricity Consumption Analysis components) or on the date the work begins (for projects submitted under the Prescriptive Measures component).

For this purpose, one ekWh has the same value as one kWh.

Ineligible Measures

All conversions from one source of energy to another are excluded.

Calculating financial assistance

- Here are the conversion factors for litres of oil to equivalent kilowatthours:
 - **Projects for existing buildings: 7.5118 ekWh/L, the equivalent of an oil heating system operating at 70% efficiency.**
 - **Projects for new buildings: 8.5849 ekWh/L, the equivalent of an oil heating system operating at 80% efficiency.**