

Canadian provinces and North American markets	Default emission factor (metric ton GHG/MWh)
—South Dakota	
—Minnesota	
—Iowa	
—Missouri	
—Wisconsin	0.505
—Illinois	
—Michigan	
—Indiana	
—Montana	
—Kentucky	
—Texas	
—Louisiana	
—Mississippi	
—Manitoba	
Southwest Power Pool (SPP), including all or part of the following states:	
—Kansas	
—Oklahoma	
—Nebraska	
—New Mexico	
—Texas	
—Louisiana	0.5
—Missouri	
—Arkansas	
—Iowa	
—Minnesota	
—Montana	
—North Dakota	
—South Dakota	
—Wyoming	

”;

(4) in protocol QC.30

(a) in the first paragraph of QC.30.2

i. by inserting “or in subparagraph 3 of the second paragraph” after “an emitter referred to in the first paragraph” in subparagraph 1;

ii. by inserting “or in subparagraph 3 of the second paragraph” after “each emitter referred to in the first paragraph” in subparagraph 3;

iii. by inserting “or in subparagraph 3 of the second paragraph” after “of an emitter referred to in the first paragraph” in subparagraph 3.2;

(b) by inserting “or in subparagraph 3 of the second paragraph” after “establishments referred to in the first paragraph” in the definition of the factor “ Q_i ” in equation 30-2 of QC.30.3.

2. The greenhouse gas emissions report for 2021, communicated to the Minister not later than 1 June 2022 in accordance with section 6.2 of the Regulation respecting mandatory reporting of certain emissions of contaminants into the atmosphere, includes the information and documents as amended by subparagraph 4 of the first paragraph of section 1 of this Regulation.

3. This Regulation comes into force on 1 January 2022.

105397

M.O., 2021

Order 2021-006 of the Minister of Energy and Natural Resources dated 3 December 2021

Order of the Minister of Energy and Natural Resources concerning the measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel

THE MINISTER OF ENERGY AND NATURAL RESOURCES,

CONSIDERING the first paragraph of section 5 of the Petroleum Products Act (chapter P-30.01), which provides that the Minister may determine the measurement methods and tools for the application of the standards and specifications relating to any petroleum product and its components;

CONSIDERING the making of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel, made by Order in Council 1502-2021 dated 1 December 2021;

CONSIDERING the publication in Part 2 of the *Gazette officielle du Québec* of 12 May 2021, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), of a draft Order of the Minister of Energy and Natural Resources concerning the measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel with a notice that it could be made by the Minister on the expiry of 45 days following that publication;

CONSIDERING that it is expedient to make the Order with amendments;

ORDERS AS FOLLOWS:

The Order of the Minister of Energy and Natural Resources concerning the measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel is hereby made.

Québec, 3 December 2021

JONATAN JULIEN

Minister of Energy and Natural Resources

Order of the Minister of Energy and Natural Resources concerning the measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel

Petroleum Products Act
(chapter P-30.01, s. 5)

DIVISION I GENERAL

1. In this Order, “Regulation” used alone means the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel (*insert the reference to the Compilation of Québec Laws and Regulations*).

DIVISION II CALCULATION METHOD

2. The proportion of the volume of low-carbon-intensity fuel content integrated into the total volume of gasoline provided for in section 2 of the Regulation is calculated using the following formula:

$$\frac{A \times \frac{(B - C)}{D} + E - F - G + H + (I \times 1) - J}{K - L - M - N - O}$$

In the formula provided for in the first paragraph,

(1) the letter “A” represents the volume of low-carbon-intensity fuel content in the total volume of the gasoline distributed or used in Québec during a calendar year by the distributor, in litres;

(2) the letter “B” represents the value of the reference carbon intensity for gasoline, that is, 83.1 g of CO₂ equivalent per megajoule of energy produced;

(3) the letter “C” represents the weighted average value of the carbon intensity of the volumes of low-carbon-intensity fuel content integrated into the total volume of the gasoline distributed or used in Québec during a calendar year, in grams of CO₂ equivalent per megajoule of energy produced;

(4) the letter “D” represents the reduction in carbon intensity under section 4 of the Regulation and corresponds,

(a) until 31 December 2027, to 37.4 g of CO₂ equivalent per megajoule of energy produced;

(b) as of 1 January 2028, to 41.2 g of CO₂ equivalent per megajoule of energy produced;

(5) the letter “E” represents the volume of low-carbon-intensity fuel content corresponding to the credits purchased under section 9 of the Regulation for the purposes of section 2 of the Regulation, in litres;

(6) the letter “F” represents the volume of low-carbon-intensity fuel content corresponding to the credits sold under section 9 of the Regulation for the purposes of section 2 of the Regulation, in litres;

(7) the letter “G” represents the volume of low-carbon-intensity fuel content corresponding to the credits carried over under section 10 of the Regulation for the purposes of section 2 of the Regulation, in litres, without exceeding,

(a) with respect to the years 2023 and 2024, 2% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(b) with respect to the years 2025 to 2027, 2.4% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(c) with respect to the years 2028 and 2029, 2.8% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(d) with respect to a year beginning after 2029, 3% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(8) the letter “H” represents the volume of low-carbon-intensity fuel content corresponding to the credits of the previous calendar year carried over under section 10 of the Regulation for the purposes of section 2 of the Regulation, in litres;

(9) the letter “I” represents the volume of low-carbon-intensity fuel content integrated into diesel fuel corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(10) “1” represents the factor provided for in paragraph 2 of section 11 of the Regulation;

(11) the letter “J” represents the volume of low-carbon-intensity fuel content integrated into gasoline corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(12) the letter “K” represents the total volume of gasoline that a distributor distributes or uses in Québec during a calendar year, in litres;

(13) the letter “L” represents the volume of gasoline excluded under subparagraphs 1 to 3 of the first paragraph of section 5 of the Regulation, in litres;

(14) the letter “M” represents the volume of gasoline that a distributor distributes or uses in the exclusion zone A as delimited in Schedule I to the Regulation during a calendar year, in litres;

(15) the letter “N”, until 31 December 2024, represents the volume of gasoline that a distributor distributes or uses in the exclusion zone B as delimited in Schedule I to the Regulation during a calendar year, in litres, and after that date represents zero; and

(16) the letter “O” represents the volume of premium gasoline that a distributor distributes or uses in Québec during a calendar year, in litres.

3. The proportion of the volume of low-carbon-intensity fuel content integrated into the total volume of diesel fuel provided for in section 3 of the Regulation is calculated using the following formula:

$$\frac{A \times \frac{(B - C)}{D} + E - F - G + H + (I \times 0,33) - J}{K - L - M - N}$$

In the formula provided for in the first paragraph,

(1) the letter “A” represents the volume of low-carbon-intensity fuel content in the total volume of the diesel fuel distributed or used in Québec during a calendar year by the distributor, in litres;

(2) the letter “B” represents the value of the reference carbon intensity for diesel, that is, 92.9 g of CO₂ equivalent per megajoule of energy produced;

(3) the letter “C” represents the weighted average value of the carbon intensity of the low-carbon-intensity fuel content integrated into the total volume of the diesel fuel distributed or used in Québec during a calendar year, in grams of CO₂ equivalent per megajoule of energy produced;

(4) the letter “D” represents the reduction in carbon intensity under section 4 of the Regulation and corresponds,

(a) until 31 December 2027, to 65.0 g of CO₂ equivalent per megajoule of energy produced;

(b) as of 1 January 2028, to 69.7 g of CO₂ equivalent per megajoule of energy produced;

(5) the letter “E” represents the volume of low-carbon-intensity fuel content corresponding to the credits purchased under section 9 of the Regulation for the purposes of section 3 of the Regulation, in litres;

(6) the letter “F” represents the volume of low-carbon-intensity fuel content corresponding to the credits sold under section 9 of the Regulation for the purposes of section 3 of the Regulation, in litres;

(7) the letter “G” represents the volume of low-carbon-intensity fuel content corresponding to the credits carried over under section 10 of the Regulation for the purposes of section 3 of the Regulation, in litres, without exceeding,

(a) with respect to the years 2023 to 2024, 0.6% of the volume of diesel fuel that the divisor (K – L – M – N) represents in the formula provided for in the first paragraph;

(b) with respect to the years 2025 to 2029, 1% of the volume of diesel fuel that the divisor (K – L – M – N) represents in the formula provided for in the first paragraph;

(c) with respect to a year beginning after 2029, 2% of the volume of diesel fuel that the divisor (K – L – M – N) represents in the formula provided for in the first paragraph;

(8) the letter “H” represents the volume of low-carbon-intensity fuel content corresponding to the credits of the previous calendar year carried over under section 10 of the Regulation for the purposes of section 3 of the Regulation, in litres;

(9) the letter “I” represents the volume of low-carbon-intensity fuel content integrated into gasoline corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(10) “0.33” represents the factor provided for in paragraph 1 of section 11 of the Regulation;

(11) the letter “J” represents the volume of low-carbon-intensity fuel content integrated into diesel fuel corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(12) the letter “K” represents the total volume of diesel fuel that a distributor distributes or uses in Québec during a calendar year, in litres;

(13) the letter “L” represents the volume of diesel fuel excluded under subparagraphs 1 to 4 of the first paragraph of section 6 of the Regulation, in litres;

(14) the letter “M” represents the volume of diesel fuel that a distributor distributes or uses in the exclusion zone A as delimited in Schedule I to the Regulation during a calendar year, in litres; and

(15) the letter “N”, until 31 December 2024, represents the volume of diesel fuel that a distributor distributes or uses in the exclusion zone B as delimited in Schedule I to the Regulation during a calendar year, in litres, and after that date represents zero.

DIVISION III CARBON INTENSITY MEASUREMENT TOOL

4. The carbon intensity of low-carbon-intensity fuel content and the reference carbon intensity for gasoline and diesel fuel are determined using the GHGenius software, version 4.03c, available on request from Environment and Climate Change Canada at ec.modeleacvcarburant-fuelcamodel.ec@canada.ca, in compliance with the conditions provided for in this Division.

For the purposes of this Division, “software” used alone means the software referred to in the first paragraph.

When using the software, the value “2” corresponding to the values for 2007 as global warming potential of the Intergovernmental Panel on Climate Change must be selected in cell B6 identified “GWP selector” in the sheet “Input”. For transportation in Québec, a value of “80” must be entered in line 96 identified “Truck” in the sheet “Input” in the column corresponding to the type of low-carbon-intensity fuel content concerned. For hydro-electricity delivered, a value of “7000” must be entered in line 28 identified “g-CO2-eq/GJ-delivered” in column J identified “hydro” in the sheet “Elec Emissions”.

5. The data entered into the software must come from a facility that has been manufacturing low-carbon-intensity fuel content in continuous operation for at least 12 months.

Despite the first paragraph, where a facility that manufactures low-carbon-intensity fuel content has been in operation for 6 to 12 consecutive months, the data entered into the software is the data from an estimate over a period of 12 months using the available data. Where the data for at least 12 months becomes available, it must replace the estimated data entered into the software.

6. The data entered into the software must be reliable and objective. Except for data concerning transportation, the data must also come from a measurable value from direct measurement or a calculation based on direct measurements.

7. The data must be entered using either of the following allocation methods:

(1) specific allocation: a separate carbon intensity is determined annually on the basis of each eligible material used in the manufacture of low-carbon-intensity fuel content and its origin;

(2) average base: a carbon intensity is determined annually on the basis of the weighted mass average base of all eligible materials used in the manufacture of low-carbon-intensity fuel content.

8. The carbon intensity of low-carbon-intensity fuel content is obtained from the sum of the following values:

(1) the sum of the lifetime emissions values of the low-carbon-intensity fuel content;

(2) either of the following values, as the case may be:

(a) for low-carbon-intensity fuel content to be integrated into gasoline: the value in line 97 in the sheet “Exhaust Emissions” in the column corresponding to the type of low-carbon-intensity fuel content concerned and the eligible materials used in its manufacture;

(b) for low-carbon-intensity fuel content to be integrated into diesel fuel: the value in line 143 in the sheet “Exhaust Emissions” in the column corresponding to the type of low-carbon-intensity fuel content concerned and the eligible materials used in its manufacture.

9. Where the carbon intensity of low-carbon-intensity fuel content has been determined for 1 year, it is considered to be the same for the subsequent years if it is estimated that there has been no change having an impact on the data entered into the software that would result in a change of more than 5%.

DIVISION IV **FINAL**

10. This Order comes into force on the fifteenth day following the date of its publication in the *Gazette officielle du Québec*.

105408

M.O., 2021

Order of the Minister of Municipal Affairs and Housing dated 30 November 2021

Act respecting the exercise of certain municipal powers in certain urban agglomerations
(chapter E-20.001)

Rules to establish the fiscal potential of the related municipalities of the urban agglomeration of Montréal for the purpose of apportioning urban agglomeration expenditures

WHEREAS Title IV.3 of the Act respecting the exercise of certain municipal powers in certain urban agglomerations (chapter E-20.001), including sections 118.79 to 118.97, contains special provisions applicable to the agglomeration of Montréal;

WHEREAS the first paragraph of section 118.80 of the Act provides that urban agglomeration expenditures are apportioned among the related municipalities in proportion to their respective fiscal potentials established according to the rules prescribed by the Minister of Municipal Affairs, Regions and Land Occupancy;

WHEREAS the second paragraph of section 118.80 of the Act provides that the urban agglomeration council may provide, by a by-law subject to the right of objection under section 115, that all or part of the urban agglomeration expenditures be apportioned according to another criterion, or to a change in an element of the criterion, provided the new criterion or the change in an element of the criterion complies with the rules prescribed by the Minister of Municipal Affairs, Regions and Land Occupancy;

WHEREAS all other consensus solutions between Ville de Montréal and the Association des municipalités de banlieues may be sent to the Ministère des Affaires municipales et de l’Habitation;

WHEREAS, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), the draft Order concerning the Rules to establish the fiscal potential of the related municipalities of the urban agglomeration of Montréal for the purpose of apportioning urban agglomeration expenditures was published in Part 2 of the *Gazette officielle du Québec* of 13 October 2021 with a notice that it could be made on the expiry of 45 days following that publication and that any person could submit written comments within the 45-day period;

WHEREAS three comments has been received;

WHEREAS it is expedient to make the Order without amendment;

THE MINISTER OF MUNICIPAL AFFAIRS AND HOUSING
ORDERS AS FOLLOWS:

The Order concerning the Rules to establish the fiscal potential of the related municipalities of the urban agglomeration of Montréal for the purpose of apportioning urban agglomeration expenditures is hereby made.

Québec, 30 November 2021

ANDRÉE LAFOREST
Minister of Municipal Affairs and Housing
