

2018 Monthly Electricity Supply and Disposition Survey

CONFIDENTIAL once completed.

Selon nos dossiers votre langue de préférence est l'anglais, si vous préférez recevoir ce document en français, veuillez nous appeler au numéro sans frais suivant : 1-877-604-7828 ou ATS 1-855-382-7745

This information is collected under the authority of the *Statistics Act*, Revised Statutes of Canada, 1985, Chapter S-19.
COMPLETION OF THIS QUESTIONNAIRE IS A LEGAL REQUIREMENT UNDER THIS ACT.

Introduction

Survey purpose

The purpose of this survey is to obtain information on the supply of, and/or demand for, energy in Canada. This information serves as an important indicator of Canadian economic performance, and is used by all levels of government in establishing informed policies in the energy area. The private sector also uses this information in the corporate decision-making process.

Your information may also be used by Statistics Canada for other statistical and research purposes.

Security of emails and faxes

Statistics Canada advises you that there could be a risk of disclosure during facsimile or email. However upon receipt, Statistics Canada will provide the guaranteed level of protection afforded all information collected under the authority of the *Statistics Act*.

Note: Our online questionnaires are secure, there is no risk of data interception when responding to Statistics Canada online surveys.

Confidentiality

The *Statistics Act* protects the confidentiality of information collected by Statistics Canada.

Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes.

Information on confidentiality, data-sharing agreements and record linkages can be found on the last page of this questionnaire.

Please return the questionnaire within 10 days.

Please mail the completed questionnaire in the enclosed envelope or fax it to Statistics Canada at 1-800-755-5514.

If you are unable to complete within 10 days **OR** if you need help, call us at **1-877-604-7828** or **TTY 1-855-382-7745**.

Statistics Canada
Operations and Integration Division
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Ottawa, Ontario K1A 0T6

Visit our website, www.statcan.gc.ca

Reporting instructions

- Please print in ink.
- **Report** dollar amounts in **thousands of Canadian dollars** ('000).
- **Exclude** sales tax.
- Percentages should be rounded to whole numbers.
- Do not report in decimals. Round all values to the nearest whole number.
- When precise figures are not available, please provide your best estimates.
- Consult the reporting guide at www.statcan.gc.ca/guides-e for further information.

Business or organization and contact information

1. Please **provide** the business or organization's **legal and operating name**.

Legal name

Operating name (if applicable)

2. Please **provide the contact information** of the designated business or organization **contact person** for this questionnaire.

Note: The designated contact person is the person who should receive this questionnaire.

The designated contact person may not always be the one who actually completes the questionnaire.

First name

Last name

Title

Preferred language of communication

English

French

Mailing address (number and street)

City

Province, territory or state

Postal code or ZIP code

Example: A9A 9A9 or 12345-1234

Country

Email address

Example: user@example.gov.ca

Telephone number (including area code)

Example: 123-123-1234

Extension number
(if applicable)

Fax number (including area code)

Example: 123-123-1234

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3c. Sold operations

When was this business or organization sold?

YYYY MM DD
B00212

What is the legal name of the buyer?

B00406

→ Go to question 4

3d. Amalgamated with other businesses or organizations

When did this business or organization amalgamate?

YYYY MM DD
B00213

What is the legal name of the resulting or continuing business or organization?

B00407

What are the legal names of the other amalgamated businesses or organizations?

B00408

→ Go to question 4

3e. Temporarily inactive but will re-open

When did this business or organization become temporarily inactive?

YYYY MM DD
B00214

When does this business or organization expect to resume operations?

YYYY MM DD
B00215

Why is this business or organization temporarily inactive?

B00313

→ Go to question 4

3f. No longer operating due to other reasons

When did this business or organization cease operations?

YYYY MM DD
B00216

Why did this business or organization cease operations?

B00314

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4. Please **verify or provide the current main activity** of the business or organization identified by the legal and operating name.

Note: The described activity was assigned using the North American Industry Classification System (NAICS).

B05002

1 This is the current main activity. → **Go to next section**

2 This **is not** the current main activity.

Please provide a **brief but precise description** of this business or organization's **main activity**.

e.g., breakfast cereal manufacturing, shoe store, software development

B05003



5. Was this business or organization's main activity ever classified as:

B05111

1 **Yes**

2 **No → Go to next section**

6. When did the main activity change?

Date B00219

YYYY	MM	DD
<input type="text"/>	<input type="text"/>	<input type="text"/>

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Industry characteristics

Sub-type for all electricity generation

1. Does this business generate electricity?

Electricity may be generated for internal use and/or for sale.

B05044

- Yes
- No ► *Go to Q5*

2. What **method** is employed to **generate** electricity?
Select all that apply.

B05049_m7

- Thermal generation - combustible fuels
Exclude geothermal and nuclear

B05049_m8

- Nuclear

B05049_m9

- Hydro

B05049_m10

- Tidal

B05049_m11

- Wind

B05049_m12

- Solar

B05049_m13

- Wave

B05049_m14

- Geothermal

B05049_m15

- Other non-combustible methods – specify:

B05049_m16

3. How will the quantity of generated electricity be reported?

If both Net and Gross generation can be provided, please report the Net electricity generation.

B00512

- Gross** electricity generation
- Net** electricity generation
i.e., the gross electricity generation minus the losses in the main generator transformers and the electrical energy absorbed by the generating auxiliaries.

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Electrical production by all selected methods and fuel types

4. What was the **quantity in megawatt-hours (MWh)** of electricity generated from the following?
Please report the generation from the use of diesel under Petroleum.

Thermal

Quantity in MWh

a. Coal

E42005_y1

b. Natural gas

E42005_y2

c. Petroleum

E42005_y9

d. Other combustible sources — specify:

B40097_y11

E42005_y10

Total megawatt-hours generated from thermal

E42005_y11

Biomass

e. Wood

E42005_y3

f. Spent pulping liquor

E42005_y4

g. Methane (landfill gas)

E42005_y5

h. Municipal and other waste

E42005_y6

i. Other type of biomass — specify:

B40097_y8

E42005_y7

Total megawatt-hours generated from biomass

E42005_y8

Total electricity production from combustible fuels

E45020

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Quantity in MWh

- j. Nuclear
- k. Hydro
- l. Tidal
- m. Wind
- n. Solar
- o. Wave
- p. Geothermal
- q. Other non-combustible methods — specify:
B05049_m16

Total production of electricity

Import of electricity from the United States

5. Did this business **import electricity** from the United States?

B05072

- Yes
- No ► *Go to Q7*

6. What was the **quantity in megawatt-hours (MWh)** and the **value of imported electricity from the United States?**

Quantity in MWh	CAN\$ '000
<small>E43008</small> <input type="text"/>	<small>E43009</small> \$ <input type="text"/> ,000

Withdrawals or purchases of electricity from other Canadian producers and distributors

7. Did this business **receive electricity** from other sources in Canada?

Include:

- Electricity received from other producers or distributors
- Withdrawals from the grid for own use
- Affiliated direct purchase and wholesale consumers

B05073

- Yes
- No ► *Go to Q9*

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8. What was the **quantity in megawatt-hours (MWh)** and the **value** of electricity received by this business?

	Quantity in MWh	CAN\$ '000
a. Newfoundland and Labrador	E46009_g1 <input type="text"/>	E46011_g1 \$ <input type="text"/> ,000
b. Prince Edward Island	E46009_g2 <input type="text"/>	E46011_g2 \$ <input type="text"/> ,000
c. Nova Scotia	E46009_g3 <input type="text"/>	E46011_g3 \$ <input type="text"/> ,000
d. New Brunswick	E46009_g4 <input type="text"/>	E46011_g4 \$ <input type="text"/> ,000
e. Quebec	E46009_g5 <input type="text"/>	E46011_g5 \$ <input type="text"/> ,000
f. Ontario	E46009_g6 <input type="text"/>	E46011_g6 \$ <input type="text"/> ,000
g. Manitoba	E46009_g7 <input type="text"/>	E46011_g7 \$ <input type="text"/> ,000
h. Saskatchewan	E46009_g8 <input type="text"/>	E46011_g8 \$ <input type="text"/> ,000
i. Alberta	E46009_g9 <input type="text"/>	E46011_g9 \$ <input type="text"/> ,000
j. British Columbia	E46009_g10 <input type="text"/>	E46011_g10 \$ <input type="text"/> ,000
k. Yukon	E46009_g11 <input type="text"/>	E46011_g11 \$ <input type="text"/> ,000
l. Northwest Territories	E46009_g12 <input type="text"/>	E46011_g12 \$ <input type="text"/> ,000
m. Nunavut	E46009_g13 <input type="text"/>	E46011_g13 \$ <input type="text"/> ,000
Total quantity and value of electricity, purchased or withdrawn from other domestic companies	E46000 <input type="text"/>	E46010 \$ <input type="text"/> ,000

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Company's own use - generated electricity

9. Excluding electricity that is billed, did this business consume electricity **for its own use**?

Gross electricity generation

Include:

- Electricity used for heat pumps
- Electric boilers, pumped storage, and given as compensation for utilities or distributors
- Losses in the main generator transformers and the electricity absorbed by the generating auxiliaries

Exclude:

- Electricity that is billed by another company.

Net electricity generation

Include:

- Electricity used for heat pumps
- Electric boilers, pumped storage, and given as compensation for utilities or distributors

Exclude:

- Electricity that is billed by another company.
- Losses in the main generator transformers and the electricity absorbed by the generating auxiliaries

B05074

- Yes
- No ► *Go to Q11*

Quantity in MWh

E64014

10. What was the **quantity in megawatt-hours (MWh)** of the electricity consumed by this business **for its own use**?

Export of Electricity to the United States

11. Did this business **export electricity** to the United States?

B05076

- Yes
- No ► *Go to Q13*

Quantity in MWh

CAN\$ '000

E63008

E63009

12. What was the **quantity in megawatt-hours (MWh)** and **value of exported electricity to the United States**?

\$,000

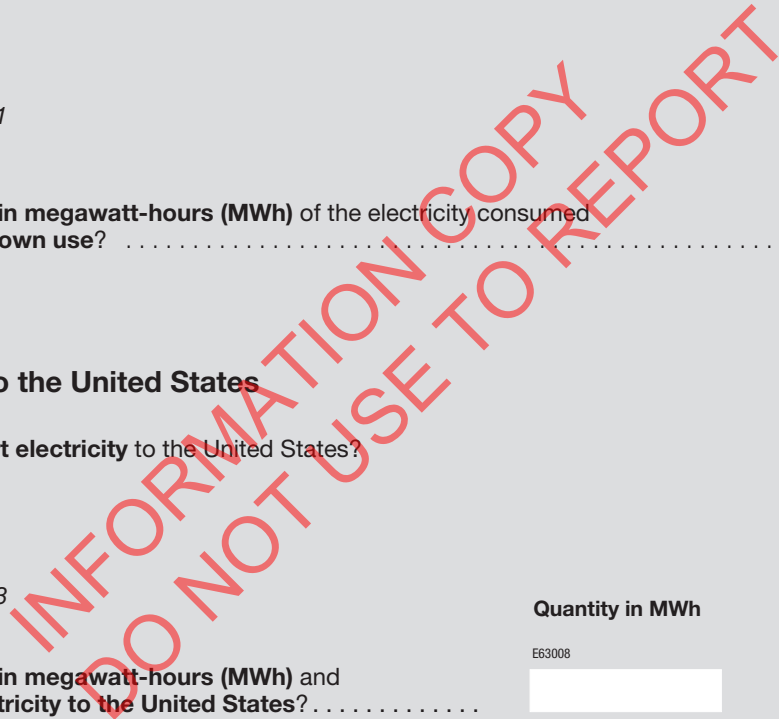
Delivery of electricity to other domestic utilities or distributors

13. Did this business deliver electricity to other companies in Canada such as utilities, system operators (the grid), producers, transmitters and/or distributors **for the purpose of resale**?

e.g., utilities or distributors

B05077

- Yes
- No ► *Go to Q15*



14. What was the **quantity in megawatt-hours (MWh)** and **value** of electricity delivered to other companies in Canada such as utilities, system operators (the grid), producers, transmitters and/or distributors **for the purpose of resale?**

	Quantity in MWh	CAN\$ '000
	E62012_g1	E62013_g1
a. Newfoundland and Labrador	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g2	E62013_g2
b. Prince Edward Island	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g3	E62013_g3
c. Nova Scotia	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g4	E62013_g4
d. New Brunswick	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g5	E62013_g5
e. Quebec	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g6	E62013_g6
f. Ontario	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g7	E62013_g7
g. Manitoba	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g8	E62013_g8
h. Saskatchewan	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g9	E62013_g9
i. Alberta	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g10	E62013_g10
j. British Columbia	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g11	E62013_g11
k. Yukon	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g12	E62013_g12
l. Northwest Territories	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62012_g13	E62013_g13
m. Nunavut	\$ <input type="text"/>	\$ <input type="text"/> ,000
	E62000	E62010
Total quantity and value of delivered electricity to other domestic businesses	\$ <input type="text"/>	\$ <input type="text"/> ,000

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Disposition of electricity by type of consumer

15. Did this business deliver electricity to consumers enrolled with **retailers** such as Direct Energy?

A retailer does not own any distribution lines, it operates as a middleman and relies on utility companies to deliver to their clients the electricity it has purchased on the markets.

Retailers only operate in Alberta and Ontario where the electricity markets have been deregulated and where, by law, the generation, transmission and distribution activities must be performed by different companies.

B05075

- Yes
- No ► *Go to Q17*

16. What was the **quantity in megawatt-hours (MWh)** of electricity delivered to the following types of **consumers enrolled with retailers**?

Exclude electricity delivered to other utilities or distributors.

Quantity in MWh

- | | |
|---|-----------------------------------|
| a. To industrial customers
Include mining and manufacturing. | E62008_y1
<input type="text"/> |
| b. To residential customers
Include residential and agricultural. | E62008_y2
<input type="text"/> |
| c. To commercial and other institutional customers
Include deliveries to urban transit systems, pipeline transportation and natural gas distribution, public administration, street lighting and commercial and other institutional. | E62008_y3
<input type="text"/> |

17. Does this business deliver electricity to **'end use' consumers**?

B05149

- Yes
- No ► *Go to the end of the questionnaire*

18. What was the **quantity in megawatt-hours (MWh)** and **value** of electricity delivered to the following types of **'end use' consumers**?

- | | Quantity in MWh | CAN\$ '000 |
|--|-----------------------------------|---|
| a. To industrial end-user customers
Include mining and manufacturing. | E62009_y1
<input type="text"/> | E62011_y1
\$ <input type="text"/> ,000 |
| b. To residential end-user customers
Include residential and agricultural. | E62009_y2
<input type="text"/> | E62011_y2
\$ <input type="text"/> ,000 |
| c. To commercial and other institutional end-user customers
Include deliveries to urban transit systems, pipeline transportation and natural gas distribution, public administration, street lighting and commercial and other institutional. | E62009_y3
<input type="text"/> | E62011_y3
\$ <input type="text"/> ,000 |

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Changes or events

19. Please indicate below, any changes or events that may have affected the reported values for this business or organization compared to the last reporting period.

Mark all that apply.

B00302_t1

Strike or lockout

B00302_t2

Exchange rate impact

B00302_t3

Price changes in goods or services sold

B00302_t4

Contracting out

B00302_t5

Organizational change

B00302_t6

Price changes in labour or raw materials

B00302_t7

Natural disaster

B00302_t8

Recession

B00302_t9

Change in product line

B00302_t10

Sold business units

B00302_t11

Expansion

B00302_t12

New/lost contract

B00302_t13

Plant closures

B00302_t14

Acquisition of business units

B00302_t15

Other change or event — please specify:

B00302_t16

OR

B00302_t17

No change or event

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General information

Confidentiality

Your answers are confidential.

Statistics Canada is prohibited by law from releasing any information it collects which could identify any person, business, or organization, unless consent has been given by the respondent or as permitted by the *Statistics Act*. Statistics Canada will use the information from this survey for statistical purposes.

Data-sharing agreements

To reduce respondent burden, Statistics Canada has entered into data-sharing agreements with provincial and territorial statistical agencies and other government organizations, which have agreed to keep the data confidential and use them only for statistical purposes. Statistics Canada will only share data from this survey with those organizations that have demonstrated a requirement to use the data.

Section 11 of the *Statistics Act* provides for the sharing of information with provincial and territorial statistical agencies that meet certain conditions. These agencies must have the legislative authority to collect the same information, on a mandatory basis, and the legislation must provide substantially the same provisions for confidentiality and penalties for disclosure of confidential information as the *Statistics Act*. Because these agencies have the legal authority to compel businesses to provide the same information, consent is not requested and businesses may not object to the sharing of the data.

For this survey, there are **Section 11** agreements with the provincial and territorial statistical agencies of Newfoundland and Labrador, Nova Scotia, New Brunswick, Quebec, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia and the Yukon. The shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.

Section 12 of the *Statistics Act* provides for the sharing of information with federal, provincial or territorial government organizations. Under **Section 12**, you may refuse to share your information with any of these organizations by writing a letter of objection to the Chief Statistician and returning it with the completed questionnaire. Please specify the organizations with which you do not want to share your data.

For this survey, there are **Section 12** agreements with the statistical agencies of Prince Edward Island, the Northwest Territories and Nunavut, as well as with the Ministère de l'énergie et des ressources naturelles du Québec, Alberta Energy, the British Columbia Ministry of Energy and Mines, the British Columbia Ministry of Natural Gas Development, the National Energy Board, Natural Resources Canada and Environment Canada.

For agreements with provincial and territorial government organizations, the shared data will be limited to information pertaining to business establishments located within the jurisdiction of the respective province or territory.

Record linkages

To enhance the data from this survey and to minimize the reporting burden, Statistics Canada may combine it with information from other surveys or from administrative sources.

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Thank you for completing this questionnaire.

Please retain a copy for your records.

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