

# 2019 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 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 sector. In the case of public utilities, it is used by governmental agencies to fulfill their regulatory responsibilities. 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  
150 Tunney's Pasture Driveway  
Ottawa, Ontario K1A 0T6

**Visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca)**

## Reporting instructions

- Please print in ink.
- Report in **megawatt-hours (MWh)**.
- Report dollar amounts in **thousands of Canadian dollars**.
- Enter "1" MWh for quantities between 0 and 1 MWh.
- Enter '0' if there is no value to report.
- Do not report in decimals. Round all values to the nearest whole number.
- When precise figures are not available, provide your best estimates.
- Consult the reporting guide at [www.statcan.gc.ca/guides-e](http://www.statcan.gc.ca/guides-e) for further information.

## Business or organization and contact information

1. **Verify or provide** the business or organization's **legal and operating name** and correct where needed.

**Note:** Legal name modifications should only be done to correct a spelling error or typo.

Legal name

Operating name (if applicable)

2. **Verify or provide the contact information** of the designated business or organization **contact person** for this questionnaire and correct where needed.

**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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3. **Verify or provide the current operational status** of the business or organization identified by the legal and operating name above.

B00323

1  Operational → **Go to question 4**

2  Not currently operational

e.g., temporarily or permanently closed, change of ownership

Why is this business or organization not currently operational?

B00309

2  Seasonal operations → **Go to question 3a**

3  Ceased operations → **Go to question 3b**

4  Sold operations → **Go to question 3c**

5  Amalgamated with other businesses or organizations → **Go to question 3d**

6  Temporarily inactive but will re-open → **Go to question 3e**

7  No longer operating due to other reasons → **Go to question 3f**

3a. Seasonal operations

When did this business or organization close for the season?

Date B00217      YYYY      MM      DD  
[ ][ ][ ][ ] [ ][ ][ ] [ ][ ][ ]

When does this business or organization expect to resume operations?

Date B00218      YYYY      MM      DD  
[ ][ ][ ][ ] [ ][ ][ ] [ ][ ][ ] → **Go to question 4**

3b. Ceased operations

When did this business or organization cease operations?

Date B00211      YYYY      MM      DD  
[ ][ ][ ][ ] [ ][ ][ ] [ ][ ][ ]

Why did this business or organization cease operations?

B00311

1  Bankruptcy

2  Liquidation

3  Dissolution

4  Other  
Specify the other reasons why the operations ceased

B00312

[ ]

} → **Go to question 4**

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3c. Sold operations

When was this business or organization sold?

B00212  
Date

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?

B00213  
Date

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?

B00214  
Date

When does this business or organization expect to resume operations?

B00215  
Date

Why is this business or organization temporarily inactive?

B00313

→ Go to question 4

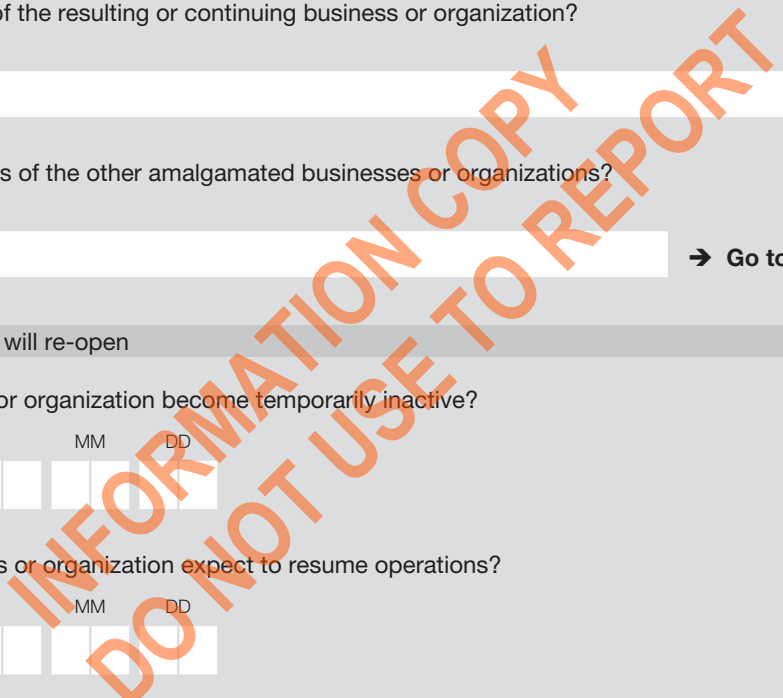
3f. No longer operating due to other reasons

When did this business or organization cease operations?

B00216  
Date

Why did this business or organization cease operations?

B00314



4. **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

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

E42006\_m8

E42006\_m9

E42006\_m10

E42006\_m11

E42006\_m12

E42006\_m13

E42006\_m14

E42006\_m15

E42000

**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**

E43008

E43009

\$  ,000

**Withdrawals or purchases of electricity from other Canadian producers and distributors**

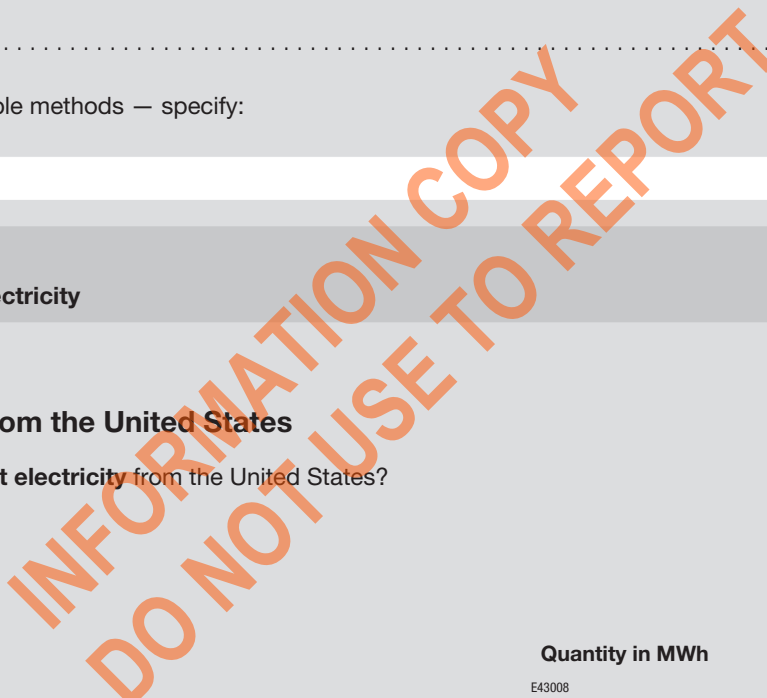
7. Did this business **receive electricity** from other sources in Canada?

**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*





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
<b>Total quantity and value of electricity, purchased or withdrawn from other domestic companies</b>	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

\$  ,000

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

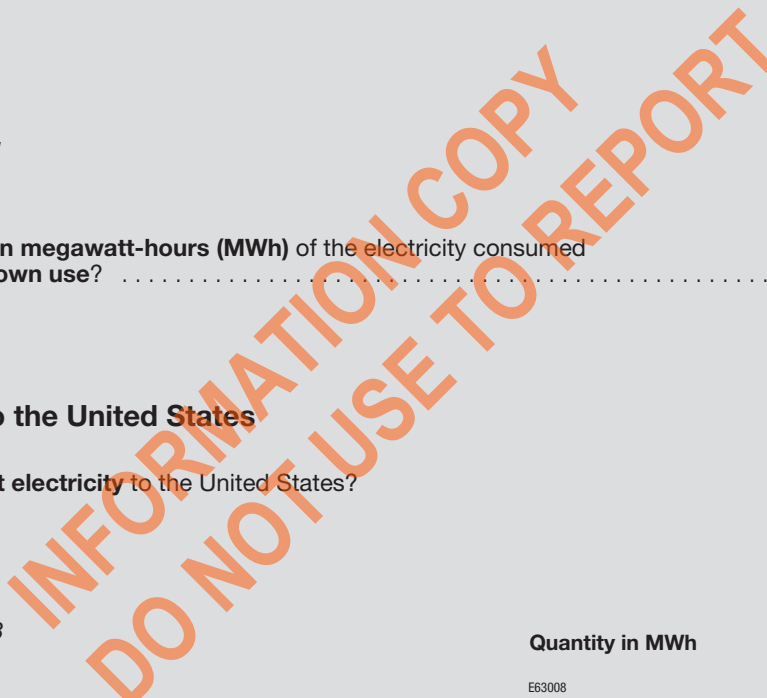
**Delivery of electricity to other domestic utilities or distributors**

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
<b>Total quantity and value of delivered electricity to other domestic businesses</b>	E62000 \$ <input type="text"/>	E62010 \$ <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 <b>industrial</b> customers<br><b>Include</b> mining and manufacturing. . . . .   | E62008_y1<br><input type="text"/> |
| b. To <b>residential</b> customers<br><b>Include</b> residential and agricultural. . . . .  | E62008_y2<br><input type="text"/> |
| c. To <b>commercial and other institutional</b> customers<br><b>Include</b> deliveries to urban transit systems, pipeline transportation and natural gas distribution, public administration, street lighting and commercial and other institutional. . . . . | E62008_y3<br><input type="text"/> |

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

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## Changes or events

19. Indicate any changes or events that affected the reported values for this business or organization compared with the last reporting period.

Mark all that apply.

B00302\_t1

Strike or lock-out

↳ How many days during the reference month was this business or organization open?

B00324\_t1

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

↳ How many days during the reference month was this business or organization open?

B00324\_t7

B00302\_t8

Recession

B00302\_t9

Change in product line

B00302\_t10

Sold business or business units

B00302\_t11

Expansion

B00302\_t12

New or lost contract

B00302\_t13

Plant closures

↳ How many days during the reference month was this business or organization open?

B00324\_t13

B00302\_t14

Acquisition of business or business units

**OR**

B00302\_t17

No changes or events

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## Contact person

20. Statistics Canada may need to contact the person who completed this questionnaire for further information.

If the contact person is the same as on cover page, please check  → **Go to "Feedback"**

Otherwise, who is the **best person to contact** about this questionnaire?

First name

Last name

Title

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

## Feedback

21. How long did it take to complete this questionnaire?

**Include** the time spent gathering the necessary information.....

Hours

Minutes

22. We invite your comments about this questionnaire.

B00002

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## General information

### Confidentiality

#### Your answers are confidential.

By law, Statistics Canada is prohibited from releasing any information it collects that 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 only.

### 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, Québec, 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, Northwest Territories and Nunavut as well as with the Ministère de l'énergie et des ressources naturelles du Québec, Transition énergétique Québec, Alberta Energy, the British Columbia Ministry of Energy, Mines and Petroleum Resources, the National Energy Board, Natural Resources Canada and Environment and Climate Change 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 reduce the reporting burden, Statistics Canada may combine the acquired data with information from other surveys or from administrative sources.

**Thank you for completing this questionnaire.**  
**Please retain a copy for your records.**  
**Visit our website, [www.statcan.gc.ca](http://www.statcan.gc.ca)**