

2018 Annual Industrial Consumption of Energy 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 : 1-800-461-1662.

Please verify the business or organization name, contact person and address for this questionnaire and correct where needed.

Legal name

Operating name

First name

Last name

Title

Address (number and street)

City

Province, territory or state

Postal code or ZIP code

Country

Business or organization and contact information

The contact person is the person who should receive this questionnaire.
The contact person may not always be the one who actually completes the questionnaire.

Email address (ex. user@example.gov.ca)

Telephone number (including area code)

Extension number

Fax number (including area code)

Preferred language of communication

English

French

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Reporting instructions

- Please print in ink.
- Please report for calendar year.
- 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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3. Please provide the current operational status of the business or organization identified by the legal and operating name.

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 for ceased operations

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

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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.

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**

6. When did the main activity change?

Date B00219

YYYY				MM		DD	

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Unit of measure

Instructions: The following is a list of possible units of measure. For each energy form, select the unit of measure which you are reporting in and enter the corresponding abbreviation provided (**see below in brackets**), in the column titled Unit of Measure.

100 cubic feet (Ccf)
33-pound cylinder (33lb cyl)
Barrel (Bbl)
Cubic foot (ft3)
Cubic metre (m³)
Gallon: imperial gallon (UK gal)
Gallon: U.S. gallon (U.S. gal)
Gigajoule (GJ)
Kilogram (kg)
Kilowatt-hour (kWh)
Litre (l)
Long ton (lt)
Megawatt-hour (MWh)
Metric tonne (MT)
Million Btu (MBtu)
Pound (lb)
Short ton (st)
Thousands of cubic meters (10³M³)

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Electricity generation

1. Did this business **generate** electricity?

B05044

Yes

No → Go to question 3

2. How much **electricity** did this business **generate**?

Note: Report the total quantity of electricity generated; regardless of whether it was consumed by this business or sold to others.

E42006

Quantity

B40085

Unit of measure

1 MWh 2 kWh 3 GJ 4 MBtu

Type of energy consumed

3. Which type of energy was consumed by this business?

Type of energy commodity <small>Please report only the consumed portion</small>	Unit of measure	Amount consumed			
		*as fuel for the production process	to produce steam for sale to another business	to produce electricity	** for non-energy use
Electricity	B40039	E61322			
self-generated			XXXXXX	XXXXXX	XXXXXX
	B40041	E61323			
purchased			XXXXXX	XXXXXX	XXXXXX
	B40043	E61002	E61003	E61004	E61005
Natural gas					
	B40043	E61007	E61008	E61009	E61011
Propane					
Middle distillates	B40044	E61013	E61014	E61015	E61016
diesel (on-site only)					
	B40045	E61018	E61019	E61021	
light fuel oil					XXXXXX
	B40046	E61023	E61024	E61025	
kerosene and other middle distillates ..					XXXXXX
Heavy fuel oil	B40047	E61027	E61028	E61029	E61031
imported					
	B40048	E61033	E61034	E61035	E61036
canadian (domestic)					
	B40049	E61038	E61039	E61041	
Wood and wood waste					XXXXXX
	B40051	E61043	E61044	E61045	
Spent pulping liquor					XXXXXX
Refuse — please specify:					
B40034_p9	B40052	E61047	E61048	E61049	E61051
Steam	B40053	E61053		E61054	E61055
self generated			XXXXXX		
	B40054	E61057		E61058	E61059
purchased			XXXXXX		

Amount consumed e.g.,:

* as fuel for the production process — heating, on-site transportation, to produce steam for own use, etc.

- ** for non-energy use — natural gas consumed as feed to produce direct reduced iron (DRI)
 — propane consumed as feed to produce other products
 — diesel consumed as feed to produce other products
 — heavy fuel oil used as feed to produce other products
 — refuse used as feed to produce other products
 — steam used as feed to produce other products.

Coal and coal by-products consumed

Did this business consume any **coal**, **coal coke**, and **coal by-products** in this production process?

No → Go to next page

Yes → Please report all that apply in the table below.

4. Which type of **energy** was consumed by this business?

Type of energy commodity <small>Please report only the consumed portion</small>	Unit of measure	Amount consumed			
		* as fuel for the production process	to produce steam for sale to another business	to produce electricity	** for non-energy use
Imported coal					
bituminous	B40055	E61063	E61064	E61065	E61066
sub-bituminous	B40056	E61068	E61069	E61071	E61072
anthracite	B40057	E61074	E61075	E61076	E61077
Canadian coal					
bituminous	B40059	E61085	E61086	E61087	E61088
sub-bituminous	B40061	E61091	E61092	E61093	E61094
lignite	B40062	E61096	E61097	E61098	E61099
Coal coke					
imported	B40063	E61102	E61103	E61104	E61105
canadian (domestic)	B40064	E61107	E61108	E61109	E61111
Coal by-products					
coal tar	B40065	E61113	E61114	E61115	E61116
light coal oil	B40066	E61118	E61119	E61121	E61122
coke oven gas	B40067	E61124	E61125	E61126	E61127

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Amount consumed e.g.:

- * as fuel for the production process — heating, on-site transportation, etc.
- ** for non-energy use — bituminous coal consumed as feed to produce other products
 - sub-bituminous coal consumed as feed to produce other products
 - anthracite consumed as feed to produce other products
 - lignite consumed as feed to produce other products
 - coal coke consumed as feed to produce other products
 - coal tar consumed as feed to produce other products
 - light coal oil consumed as feed to produce other products
 - coke oven gas consumed as feed to produce other products.

Other energy commodities

Did this business consume any petroleum coke, refinery fuel gas, coke on catalyst, bitumen emulsion (orimulsion), ethane, butane, naphtha, by-product gas, flared gas or any other type of energy commodity?

No → Go to next page

Yes

5. Which type of other **energy commodity** was consumed by this business?

Type of energy commodity <small>Please report only the consumed portion</small>	Unit of measure	Amount consumed			
		* as fuel for the production process	to produce steam for sale to another business	to produce electricity	** for non-energy use
Petroleum coke					
imported	B40068	E61129	E61131	E61132	E61133
canadian (domestic)	B40069	E61135	E61136	E61137	E61138
Refinery fuel gas	B40071	E61141	E61142	E61143	
Coke on catalyst	B40072	E61145	E61146	E61147	E61148
Bitumen emulsion (orimulsion)	B40073	E61151	E61152	E61153	E61154
Ethane	B40074	E61156	 	 	E61157
Butane	B40075	E61159	 	 	E61161
Naphtha	B40076	 	 	 	E61162
By-product gas	B40077	E61163	 	 	
Flared gas	B40078	 	 	 	E61164
Other type of energy commodity — please specify:					
<small>B40038_p11</small>	B40079	E61166	E61167	E61168	E61169

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Amount consumed e.g.:

- * as fuel for the production process — heating, on-site transportation, etc.
- ** for non-energy use —
 - petroleum coke consumed as feed to produce other products
 - coke on catalyst consumed as feed to produce other products
 - bitumen emulsion (orimulsion) consumed as feed to produce other products
 - ethane consumed as feed to produce other products
 - butane consumed as feed to produce other products.

Steam Sales

Did this business produce steam to sell or transfer to others?

B05036_m3

- No** → Thank you for your cooperation
 Yes → Please report, in gigajoules, the amount sold to external clients at question 6. ↓

6. Which type of clients did this business sell **steam** to?
(Mark all that apply)

		Gigajoules
B71001_y1	<input type="checkbox"/> residential (including apartment buildings)	E65001
B71001_y2	<input type="checkbox"/> agriculture	E65002
B71001_y3	<input type="checkbox"/> paper manufacturing	E65003
B71001_y4	<input type="checkbox"/> chemical manufacturing	E65004
B71001_y5	<input type="checkbox"/> all other manufacturing	E65005
B71001_y6	<input type="checkbox"/> public administration	E65006
B71001_y7	<input type="checkbox"/> commercial and other institutions	E65007
Total		<input style="width: 100px; height: 20px;" type="text"/>

Reasons for changes in energy consumption

Statistics Canada compares responses to this questionnaire with those from previous years. In order to reduce the necessity for further inquiries, please mark the boxes that best describe the reasons for significant changes in your energy consumption from the previous year, and provide an explanation.

B00315_r1	<input type="checkbox"/> fuel switch	B00315_r2	<input type="text"/>
B00315_r3	<input type="checkbox"/> fuel price changes	B00315_r4	<input type="text"/>
B00315_r5	<input type="checkbox"/> technology changes	B00315_r6	<input type="text"/>
B00315_r7	<input type="checkbox"/> process changes	B00315_r8	<input type="text"/>
B00315_r9	<input type="checkbox"/> awareness of energy efficiency	B00315_r10	<input type="text"/>
B00315_r11	<input type="checkbox"/> new contract or loss of contract	B00315_r12	<input type="text"/>
B00315_r15	<input type="checkbox"/> plant expansion or contraction	B00315_r16	<input type="text"/>
B00315_r17	<input type="checkbox"/> change in product line	B00315_r18	<input type="text"/>
B00315_r19	<input type="checkbox"/> other — please specify:	B00315_r20	<input type="text"/>
B00315_r21	<input type="checkbox"/> no changes or events		

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Contact person

7. 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

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

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

Hours

Minutes

9. We invite your comments about this questionnaire.

B00002

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