

Electricity - Annual Survey 2010 Reporting Guide

This guide is designed to assist you as you complete the 2010 Electricity Annual Survey.
Help Line: (613) 951-3087

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*. The confidentiality provisions of the *Statistics Act* are not affected by either the *Access to Information Act* or any other legislation. Therefore, for example, the Canada Revenue Agency cannot access identifiable survey records from Statistics Canada. Information from this survey will be used for statistical purposes only and will be published in aggregate form only.

Table of contents

- B – General information: Purpose of survey, Data-sharing agreements and Data linkage
- C – Reporting Instructions
- D – Section 1: Electricity Generated
- E – Section 2: Gross Receipts of Electricity
- F – Section 3: Total Supply
- G – Section 4: Gross Deliveries of Electricity
- H – Section 5: Electricity Used
- I – Section 6: Transmission, Distribution and Other Losses
- J – Section 7: Total Disposal

B – General Information

Purpose of Survey

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 area. 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.

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 must 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 Alberta Ministry of Energy, the British Columbia Ministry of Energy, Mines and Petroleum Resources, 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.

Data Linkage

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

C – Reporting Instructions

Please report information for the period of **January to December, 2010**.

Please complete all sections as applicable.

If the information requested is unknown, please provide your **best estimate**.

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D – Section 1: Electricity Generated

Please report the total production of generation of electricity by source and amount of MW.h

Hydro: Electric power generated from a plant in which the turbine generators are driven by flowing water.

Steam: A plant in which the prime mover is a steam turbine. The steam used to drive the turbine is produced in a boiler where fossil fuels or other combustible materials are burned.

Nuclear: Electricity generated at an electric power plant whose turbines are driven by steam generated in a reactor by heat from the fission of nuclear fuel.

Internal Combustion: A power plant in which the prime mover is an internal combustion engine. Electric power is generated by the rapid burning of a fuel-air mixture into mechanical energy.

Combustion Turbine: A power plant in which the prime mover is a combustion turbine. Electric power is generated by the burning of a fuel into mechanical energy.

Tidal: Electric power generated from a plant in which the turbine generators are driven by rushing water.

Wind: A power plant in which the prime mover is a wind turbine. Electric power is generated by the conversion of wind power into mechanical energy.

Solar: Electricity created by using Photovoltaic (PV) technology by converting solar energy into solar electricity from sunlight.

E – Section 2: Gross Receipts of Electricity

If applicable, indicate the name of the company, the Canadian dollar value (thousands of dollars) and the amount of electricity (MW.h) your company purchased from within the province, from other provinces or from the U.S.A.

Please report each company separately.

F – Section 3: Total Supply

This is the sum of **Total Generation** (line 1.9) and **Total Gross Receipts of Electricity** (section 2).

The **Total Supply** number (line 5.0) must equal the **Total Disposal** number in Section 7 (line 12.0)

G – Section 4: Gross Deliveries of Electricity

If applicable, indicate the name of the company, the Canadian dollar value (thousands of dollars) and the amount of electricity (MW.h) your company sold within the province, in other provinces and in the U.S.A.

Please report each company separately.

H – Section 5: Electricity Used

Report all electricity consumed (self-generated or purchased) i.e. used for own operation or given as compensation.

Report separately the company name and type of compensation or arrangement.

I – Section 6: Transmission, Distribution and Other Losses

Include:

- transmission losses
- adjustments
- “unaccounted for” amounts which are subject to variation because of cyclical billing

Exclude

- Generating station use output as measured at the generating station gate.

J – Section 7: Total Disposal

This is the sum of **Total Gross Deliveries of Electricity** (section 4), **Total Electricity Used** (line 9.99) and **Transmission, Distribution and Other Losses** (line 11.0).

The **Total Disposal** number (line 12.0) must equal the **Total Supply** number in Section 3 (line 5.0).

Thank you for your participation.