

Electric Power Thermal Generating Station Fuel Consumption Annual Survey 2011

(Industrial Generation)

Consommation de combustible des centrales thermiques d'énergie électrique Enquête annuelle 2011

(Production industrielle)

Confidentiel une fois complété.

Renseignements recueillis en vertu de
la *Loi sur la statistique*, Lois révisées de
Canada 1985, chapitre S19.

En vertu de cette loi, il est obligatoire
de remplir le présent questionnaire.

Schedule # 5 - Questionnaire # 5

Reporting period
Période de déclaration

January - December, 2011
janvier - décembre, 2011

Correct pre-printed information if necessary. – Corriger l'information pré-imprimée si nécessaire.

PURPOSE OF THE 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.

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*. 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.

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. For further information on data-sharing, please see the enclosed reporting guide.

DATA LINKAGE

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

INSTRUCTIONS

This schedule is to be completed and returned to Statistics Canada, 150 Tunney's Pasture Driveway, OGD - ISS: JT-02 B17, Ottawa, ON, K1A 0T6. Please complete and return within 30 days after receipt of this questionnaire. If you require assistance in the completion of this questionnaire or have any questions regarding this survey, please contact us: Telephone: 1-877-604-7828 Fax: 1-800-755-5514.

FAX OR OTHER ELECTRONIC TRANSMISSION DISCLOSURE

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

CERTIFICATION - ATTESTATION

I certify that the information contained herein is substantially complete and correct to the best of my knowledge and belief.

Je certifie que les renseignements indiqués dans le présent rapport sont, autant que je le sache, complets et exacts.

Date

d-j

m

y-a

Signature

Name of signer (please print)
Nom du signataire (en lettres moulées s.v.p.)

Official position of signer
Fonction officielle du signataire

E-mail address
Adresse électronique

Telephone () -
Téléphone () -

Extension
Poste

Fax () -
Télécopieur () -

INSTRUCTIONS (FOR INDUSTRY) - INSTRUCTIONS (POUR INDUSTRIE)

This schedule is to be completed for the station or stations indicated on the label affixed to the questionnaire. Estimate if necessary.
Ce rapport devrait être rempli pour la centrale ou les centrales indiquées sur l'étiquette affixée sur le questionnaire. Estimer si nécessaire.

Are there any stations on standby? If yes, please report them in the Notes section.
Est-ce qu'il y a des centrales en attentes ? Si oui, veuillez les indiquer dans la section des Notes.

Value should be the total cost at the station gate. Shaded areas are reserved for Statistics Canada ONLY.
La valeur devrait être le coût total aux portes de la centrale. Les zones ombragées sont réservées pour l'usage de Statistiques Canada SEULEMENT.

Are the reported fuels consumed for electricity generation ONLY?
Est-ce que les combustibles rapportés sont UNIQUEMENT pour la production d'électricité?

- Yes / Oui Please complete part 2 (except the efficiency column) / Veuillez compléter la partie 2 (sauf la colonne de l'efficacité)
- No / Non Please complete part 1 and 2 (report the total amount of fuel(s) used in the boiler(s)) / Veuillez compléter les parties 1 et 2 (rapporter le montant total de combustible(s) utilisé(s) dans la (les) chaudière(s))

PART 1 – PARTIE 1

What is the actual electrical generator efficiency? / Quelle est l'efficacité réelle du générateur électrique? %

What portion of steam is used to produce electricity? / Quelle portion de vapeur est utilisée à la production d'électricité? %

What is the actual turbine efficiency? / Quelle est l'efficacité réelle de la turbine? %

Cogeneration / Cogénération Yes / Oui No / Non If no, skip to part 2 / Si non, veuillez à la partie 2

If "Yes" / Si « Oui »

Primary Purpose – But primaire

- Electricity – Internal / L'électricité – Interne
- Electricity for industry / L'électricité pour l'industrie
- Thermal – Internal / Thermique – Interne
- Thermal for industry / Thermique pour l'industrie

Sub-type – Sous-type

- Combined cycle / Cycle combiné
- Steam turbine / Turbine à vapeur
- Combustion engine diesel / Combustion interne diesel
- Natural gas combustion turbine / Turbine à combustion de gaz naturel
- Other, specify / Autre, spécifier _____

PART 2 – PARTIE 2

Fuels Used to Generate Electricity / Combustibles utilisés pour la production d'électricité	Efficiency of the boiler by fuel use / Efficacité de la chaudière par combustible utilisé	Average heat content / Teneur énergétique moyenne	Quantity / Quantité	Total cost / Coût total	Generation / Production
	%	kJ/kg	t	\$	MW.h
Solid – Solides					
Bituminous coal – Charbon bitumineux					
Canadian – Canadien	1.1				
Imported – Importé	1.2				
Subbituminous coal – Charbon sous-bitumineux					
Canadian – Canadien	1.3				
Imported – Importé	1.4				
Lignite	1.5				
Wood (bark, hog-fuel etc.) – Bois (écorce, déchets, etc.)	1.7				
Petroleum Coke – Coke de pétrole	1.8				
Agriculture biomass – Biomasse d'agriculture	1.9				
Other biomass (food processing) – Autre biomasse (transformation des aliments)	1.10				
Other biomass – type unknown – Autre biomasse – type inconnu	1.11				
Municipal and other waste – Résidus urbains et autres déchets	1.12				
Other (specify) – Autre (spécifier)	1.13				

