

# Feasibility Study

existing building



# **CONTACT DATA**

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# OBJECTIVE OF THE *FEASIBILITY STUDY* PROGRAM

Before undertaking work to improve the energy efficiency of a building, Gazifère recommends that you carry out a feasibility study to define the measures that will achieve genuine improvement. Such a study is an indispensable tool for planning and organizing the changes you want to make in your building. The exercise will not only demonstrate your proactive approach to competitiveness, but will have a positive impact on your company's image.

As an incentive, Gazifère offers financial assistance of \$2,000 to cover a portion of the cost of having a feasibility study carried out. The offer is valid until December 31, 2014. All applications received before that date will be processed by Gazifère.

### **Eligible customers**

The program is intended for Gazifère's commercial and institutional customers using natural gas as their main source of heat.

## **Eligibility criteria**

In order to obtain the financial assistance offered by Gazifère, the following criteria must be met.

In general, the feasibility study should:

- be conducted or checked by an engineer who is a member of the Ordre des ingénieurs du Québec;
- suggest measures designed to achieve natural gas savings, without being limited to recommendations for the modernization of natural gas appliances;
- · comply with the specifications below; and
- exclude all measures designed to replace natural gas with another energy source.

#### **Specifications**

The specifications listed below are designed to ensure an exhaustive study. In order to obtain financial assistance from Gazifère, you should:

- provide a description of the building: year of construction, surface area and use;
- provide a description of the energy systems in use;
- submit a report on energy consumption and costs<sup>1</sup>;
- check whether there are contractual agreements specifying mandatory rates, and analyse the impact on the customer;
- list the recommended measures as follows:
  - a. description of the improvement,
  - b. investment required: work, engineering, grants or tax implications,
  - c. savings in energy, maintenance and other costs,
  - d. estimated cost-effectiveness, including payback period,
  - e. design life of improvements, and net savings over design life,
  - f. environmental impact: reduction in greenhouse gas emissions,
  - g. other non-energy benefits,
  - h. implementation plan and schedule for improvements;
- group the recommended measures into the following four categories:
  - a. load reduction (behavioural-type measure),
  - b. optimization measure (repairs, maintenance, renovation, simple measures),
  - c. modernization measures (replacement of appliances)2,
  - d. measures relating to the building envelope.

#### **Procedure**

In order to obtain financial assistance from Gazifère, you should submit the following documents:

- application form: Feasibility study Existing building
- a copy of the feasibility study

## These can be forwarded to us by mail or by email:

Gazifère ATT: Energy Efficiency Programs 706, boulevard Gréber, Gatineau (Québec) J8V 3P8 or

Programmes.Efficacite.Energetique@gazifere.com

Once we have received the necessary documents, we will analyse your application. If any information is missing or unsatisfactory, we will contact the firm responsible for the study to seek clarification.

For more information, please email us at Programmes. Efficacite. Energetique@gazifere.com, or call 1866-771-8321.

<sup>&</sup>lt;sup>1</sup> To facilitate the analysis of the data you provide, you are asked to state the price per molecule of natural gas used in the cost-effectiveness calculations. If necessary, please indicate also the price(s) of any other energy source(s) used.

<sup>&</sup>lt;sup>2</sup> Appliances eligible for financial assistance under a separate Gazifère program should be identified separately, to avoid double counting.