



# Energy Efficiency Program – Energy Diagnosis and Implementation

## Participant's Guide

Business, Industry & Institution

Feasibility Studies and Implementation Grant





# Imagine energy differently

As part of its Energy Efficiency Plan, Énergir offers several energy efficiency programs to its customers to help them reduce their consumption of natural gas.

This *Participant's Guide* is intended for customers who wish to participate in the Feasibility Studies and Implementation Grant.

The *Guide* includes the steps to follow to make a request for financial assistances, as well as the admissibility criteria. The *Guide* also includes the forms required to make a request for each financial assistance.

Énergir encourages participants to submit their requests electronically, along with the supporting documentation.

The conditions for participation are effective since **February 1, 2018** and updated on **October 1, 2020**.  
However, Énergir reserves the right to modify or terminate the grant at any time without prior notice. Énergir also reserves the right to interpret the terms and conditions of the grant.



For more information

### For more information, please consult:

- your Commercial Representative
- the Énergir DATECH team of engineers
- [energir.com](http://energir.com)

### To submit a request, or for any administrative information regarding an application:

#### By e-mail:

[energyefficiency@energir.com](mailto:energyefficiency@energir.com)

#### By phone:

514 598-3410



## Definitions

Below are definitions of the various terms used in this Guide.

**Additional cost:** The difference between the implementation costs (material acquisition, installation and engineering work) of the efficiency scenario and those of the reference scenario. In the case where the reference scenario corresponds to the existing situation and there are no implementation costs, additional cost corresponds to the implementation costs of the energy efficiency scenario.

**Efficiency scenario:** This scenario includes the energy efficiency measures that are the subject of the request for financial assistance.

**Eligible expenses:** Additional cost of the measures or project.

**Energy efficiency measure (EEM):** A measure implemented with a view to increasing the energy performance of equipment, a system or building, by reducing its natural gas consumption compared with the reference scenario.

**Large-scale project:** A large-scale project is a project of which annual natural gas savings are estimated at 500,000 m<sup>3</sup> and over at the time of the application for eligibility.

**Marginally free energy:** Thermal energy released that would normally be lost or discharged without being used. Once the equipment to capture it is in place, this energy is considered free from a marginal point of view (versus energy sold by an energy distributor that is not free).

**Mechanical compression refrigeration systems:** A mechanical compression refrigeration system basically comprises a motor, a compressor, a cooler, a condenser, an expansion valve and an evaporator that transfers heat from one place to another. Heat pumps are essentially mechanical compression refrigeration systems. They act as exchangers of so-called active heat since they have a motor. The electrical energy consumed by the motor is usually in the form of heat, which is discharged to the condenser.

**Monetary savings:** Reductions in the cost of energy recorded during the monitoring period, compared with the reference scenario.



**Payback period (ROI):** Length of time required before the value of the annual natural gas savings associated with the measure are equal to the eligible expenses for the project.

$$\text{ROI} = \frac{\text{Eligible expenses of energy efficiency measure attributed to natural gas}}{\text{Annual natural gas savings (\$) associated with the measure}}$$

$$\text{ROI} = \frac{\text{Eligible expenses of energy efficiency measure attributed to natural gas}}{\text{Annual amount saved in m}^3 \times \text{unit costs of natural gas (Transportation + Load balancing + Inventory + Distribution + Supply + SPEDE (Cap \& Trade System))^1 \text{ avoided cost}}$$

<sup>1</sup> Unit costs of natural gas are established based on the average of the 12 months preceding the request for financial assistance for the implementation. Customers who supply their own services may use their specific prices on condition that these are justified by supporting documentation and that they were in effect at the time the request was submitted. When these are not available, the costs published by Energir will serve as the reference.

For customers who are not considered major emitters under SPEDE, the SPEDE avoided cost corresponds to the charge for the SPEDE service. Customers considered major emitters may use an estimate of their own SPEDE avoided cost on condition that it is documented and justified.

**Reference scenario:** The reference scenario corresponds to the situation before implementation of the energy efficiency measures, if it is shown that the existing situation could be maintained (i.e. systems and equipment still functional after several years).

In the case where the existing situation cannot be maintained (i.e. end-of-life systems or equipment or before being replaced) or in the case of new construction or a new installation, the reference scenario corresponds to the system or equipment that could have been installed, according to standard market practice in energy efficiency.

**Renewable thermal energy/known technologies:** Air/aerothermal, ground/geothermal, solar/panels for heating water or air for walls or roofs.

**Unused waste heat:** Waste heat coming from an essential or unavoidable activity that is lost (stale air, processes, combustion products, motors/compressors chillers, lighting, servers...)



## Description and objectives

# Description and objectives

The grants are aimed for identifying and implenting energy efficiency measures for rationalizing the consumption of natural gas that are not eligible for any other Énergir energy efficient equipment program.

The **Feasibility Studies Grant** helps defray part of the cost of a feasibility study covering energy efficiency measures. The study will be carried out by an engineering consulting firm accredited by Énergir. The list of firms is available on [Énergir](#) website.

The **Implementation of Energy Efficiency Measures Grant** is aimed at rationalizing the consumption of natural gas through measures not eligible for one of Énergir high-efficiency equipment program.

These measures will have been studied and evaluated beforehand by an engineer member in good standing of the *Ordre des ingénieurs du Québec*, or under the direction and immediate supervisor of an engineer with full practice rights in Québec, before being submitted to Énergir for analysis and approval.

The measures studied and/or implemented comply with the laws and regulations applicable in Québec, particularly those dealing with air quality and environmental protection.

Customers who would like to participate in one of these grants must complete the appropriate forms included in this Guide and send them to Énergir Energy Efficiency, along with the supporting documentation.

## Multi-tenant buildings – Supplement for low-income household

Owners of multi-tenant buildings with four or more units, one or more occupied by low-income households, may obtain additional financial assistance when they participate in the Feasibility studies and Implementation Grant.

For more details about the Supplement for Low-Income Households Grant, please consult Énergir's Internet site at [energir.com/lih-business](http://energir.com/lih-business).



# Feasibility Studies Grant

This grant helps defray part of the cost of a feasibility study covering energy efficiency measures.

## Study orientations

Accredited firms are invited to analyze and study the potential energy savings for all forms of energy consumed by Énergir customers admissible to the grant. However, the potential natural gas savings must be as great, if not greater, than the relative portion of the customer's total energy consumption that natural gas represents at the time of the study.

For large volumes, the study must focus first on measures using gas technologies. It may cover performance, optimization or modernization measures. The savings for other forms of energy may be studied as well, as long as the cost of the study, agreed to by the customer, includes that provision.

The financial assistance from Énergir may be adjusted to reflect the natural gas savings portion of the total energy savings identified in the study.

Feasibility Studies

Maximum period  
of time for  
completion  
(Feasibility Studies)





## Financial assistance

The financial assistance offered by Énergir is as follows:

The lesser of:

- 50% of the cost of the study before taxes, or
- \$25,000<sup>1</sup> per account number and per annual financial assistance.

The financial assistance applies to customers assigned to Rate D<sub>1</sub> or D<sub>3</sub><sup>2</sup>

## Contribution from other organizations

A participant who is covered by another financial assistance program to carry out a feasibility project, agrees to inform Énergir of any amount received or to be received from energy distributors or government organizations for the same project. Énergir will pay the customer the financial assistance provided for in this grant, minus an amount based on the contributions from other organizations for the same study project, so that the percentage paid by the participant represents at least 25% of the costs related to the study.

Since October 1, 2019, Feasibility studies that receive financial assistance from Transition Énergétique Québec (TEQ) are not eligible to Énergir's financial assistance<sup>3</sup>.

<sup>1</sup> The amount of \$25,000 applies to requests received from October 1, 2019. Requests received before that date are eligible for a maximum amount of \$5,000.

The date of receipt of the request corresponds to the date Énergir received Forms I, IIb and III.

<sup>2</sup> Major industries customers are not eligible for this grant.

An Énergir major industries customer is subject to Rate D<sub>4</sub> or D<sub>5</sub>. That customer may also add affiliated accounts that are treated like a major industries customer.

Affiliated accounts are customers subject to Rate D<sub>1</sub> or D<sub>3</sub> whose energy supply management is handled by a customer subject to Rate D<sub>4</sub> or D<sub>5</sub>. If in doubt, please communicate with your Sales Representative. For the Énergir programs offered to major industries clients, consult: <https://www.energir.com/en/major-industries/energy-efficiency-programs/energy-efficient-programs/>

<sup>3</sup> Requests for Feasibility studies received (reception by Énergir of Forms I, IIb and III completed) prior to October 1, 2019 are eligible to receive Énergir's financial assistance in addition of TEQ financial assistance.





## Admissibility criteria

### 1. The financial assistance is intended for current Énergir customers

This financial assistance only applies to current Énergir customers with an annual natural gas consumption of at least 75,000 m<sup>3</sup>, or who belong to a group. On the specific approval of Énergir, some buildings with annual natural gas consumption below 75,000 m<sup>3</sup> may be eligible.

Eligible activity sectors are the

- commercial;
- institutional;
- industrial sectors.

### 2. The study must be done by an accredited firm

Any feasibility study must be conducted by [a firm accredited](#) by Énergir. Firms who submitted an application to participate in the grant and who qualified have obtained the status of accredited firm. For more details on the requirements for accreditation by Énergir, please consult the [Application form for companies specializing in energy management](#).

All feasibility studies must be carried out and/or verified by an engineer member of the *Ordre des ingénieurs du Québec*.

### 3. The request for financial assistance must be submitted before the study is carried out

All requests for financial assistance for feasibility studies must be submitted before the start of analytical work and be accompanied by the documents **Request or admissibility (Form I)**, **Request for financial assistance (Form IIA)** and **the proposal** from the accredited firm.

### 4. The specifications and proposal must be respected

The feasibility study submitted to Énergir must respect the items in the specifications described below. The proposal must contain, but not be limited to, the scope of the mandate and the measures to be studied. While Énergir does not necessarily want to impose a standard format on all firms, it does want to ensure that the various items will be covered. However, any measure studied and not recommended must also be described in the same way as those recommended in the study and on Form III.

### 5. Measures that call for substituting natural gas by another form of energy are prohibited

Given that this financial assistance is principally aimed at the efficient and rational use of natural gas, measures for substituting natural gas by another form of energy, whether for strictly economic or short-term reasons, or for any other reason, are not admissible and must not be included in the report. Should they be included, the application will be refused without any possibility of modification. Some substitution measures may be included in the report after agreement with Énergir and before the study is carried out.



**6. The facilities or buildings covered by the feasibility study must not have been the subject of a similar study in the preceding five years**

In the case where the facilities have been modified since the date of the last study, or the scope of the new study is so different as to make the conclusions of the earlier study obsolete or inapplicable, Énergir may, with supporting evidence, authorize the customer to participate in the grant.

**7. Feasibility studies for corporate accounts must cover no more than five facilities**

Feasibility studies for corporate accounts, i.e., studies that cover several buildings or facilities belonging to the same customer that have similar economic vocations and energy systems, may cover a maximum of five facilities that are representative of the real estate portfolio of the corporate account or group. In such cases, each facility that has a separate natural gas meter counts for one study. An example of a corporate account is a chain of restaurants.

**8. Modernization should not be the main focus of the recommendations**

Measures aimed at the modernization of natural gas equipments or the building envelope should not be the main focus of the study recommendations. The objective of the study is primarily to identify possibilities other than replacing obsolete technologies by more efficient ones, which are covered by specific Énergir energy efficiency programs.

**9. Tariff optimization should not be the main focus of the recommendations**

**10. A preliminary version of the feasibility study is mandatory in order to obtain assistance**

The accredited firm must submit a preliminary report to Énergir before the final version is submitted to the customer.

**11. The measures studied must comply with laws and regulations**

The measures studied must comply with the laws and regulations applicable in Québec, particularly those dealing with air quality and environmental protection.

**12. A feasibility study that is the subject of financial assistance from Energy Transition Québec is not eligible.**



## Items from specifications

1. Description of building (year built, floor area and usage)
2. Description of building's energy systems
3. Details of energy consumption and costs<sup>3</sup>
4. Verification of any contractual agreements covering tariff and contract obligations and analysis of impacts on customer
5. Inventory of energy improvements proposed

The measures recommended should be grouped into four categories:

- load reduction (performance measure);
- optimization (repair, maintenance, retrofitting, simple measures);
- modernization<sup>4</sup> measures (replacement by more modern energy-efficient equipments);
- building envelope measures (if applicable).

Each measure proposed, whether recommended or not, should include the following details:

### 5.1 Description of each improvement (drawing optional)

When applicable, describe:

- a) the reference scenario
- b) the efficiency scenario

Please refer to the definitions page for more information.

### 5.2 Investment required:

- work (details of estimates may be requested by Énergir);
- engineering and fees;
- grants and tax measures (if offered and applicable).

Énergir requires estimates of the additional costs related to the proposed energy efficiency measures. To do so, please refer to the form showing the costs of each measure: **Detailed Report of Costs (Form IIIa)**.

<sup>3</sup> Indicate the total cost of natural gas used to make the calculations of profitability and the prices of other energy sources.

<sup>4</sup> Recommendations that concern specific Énergir energy efficiency programs should be identified in order to avoid double counting.



#### 5.3 Savings<sup>5</sup>

- in energy;
- in maintenance (or additional cost, if applicable).

#### 5.4 Calculations of cost-effectiveness, including the payback period

#### 5.5 Useful life of improvement and net savings over its useful life

#### 5.6 Impact on use of premises (if applicable)

- improvement in comfort, air quality or quality of life.

#### 5.7 Impact on environment (if applicable)

- reduction in greenhouse gas emissions: quantity per year

#### 5.8 Other non-energy benefits (if applicable)

### 6. Implementation plan and timetable for improvements

### 7. Training and/or awareness raising plan for managers and personnel (if applicable)

### 8. Recommendations with respect to performance guarantees (if applicable)

### 9. Appendices (information on technologies, grants, tax measures, etc.)

<sup>5</sup> Provide detailed calculations of savings.



# Implementation of Energy Efficiency Measures Grant

This grant is aimed at the rationalization of natural gas consumption that is not covered by any other Énergir energy efficiency programs.

## Financial assistance

The financial assistance paid by Énergir under this grant is \$0.30/m<sup>3</sup><sup>1</sup> of natural gas saved in the first year following implementation of an energy efficiency measure. The customer has one year to implement the measure following admission into this grant.

The maximum amount of financial assistance is \$100,000<sup>2</sup> per natural gas account served. The amount granted as financial assistance may not be higher than 50% of eligible expenses (estimated additional costs of the project), including costs of equipments and installation.

Requests for less than \$1,000 are not admissible.

Measures for which the payback period is less than one year are not eligible for financial assistance, but they must be included on various Énergir forms. Also, the payback period may not fall below one year once the amount of assistance has been deducted from the eligible expenses for the measure.

The maximum amount of \$100,000<sup>2</sup> may be awarded no more than two times in the same year. It may be awarded for other measures in subsequent years. The amount is accounted for in Énergir fiscal year, based on the date the financial assistance is paid to the customer.

Even though the request must cover new measures, Énergir will accept requests for measures already being implemented, provided that the work began after the January 1 preceding the start of Énergir current fiscal year and that the work had not been completed at the time the request was made.

Énergir fiscal year starts on October 1 and ends September 30. However, all applications must be submitted by September 15 at the latest, or they will be carried over to the following fiscal year.

<sup>1</sup> Financial assistance of \$0.30/m<sup>3</sup> applies to requests received on or after February 1, 2018. Requests received before that date are eligible for financial assistance of \$0.25/m<sup>3</sup>.

<sup>2</sup> The amount of \$10,000 applies to requests received from October 15, 2016. Requests received before that date are eligible for a maximum amount of \$25,000.

The date requests are received corresponds to the date Forms I, IIb and III are received by Énergir.

### Implementation of Energy Efficiency Measures

Maximum period  
of time for completion  
(Implementation of Energy  
Efficiency Measures)





Implementation of Energy  
Efficiency Measures

## Admissibility criteria

### 1. This financial assistance is intended for current and about to become Énergir customers and new construction.

Eligible activity sectors are the

- commercial;
- institutional;
- industrial sectors.

Note that for about to become customers and new constructions the financial assistance will be paid once their Énergir account number has been issued.

### 2. The energy savings measure must relate to the consumption of natural gas

Any energy savings measure that has a direct or indirect impact on the consumption of natural gas may be eligible, as long as it does not call for substituting natural gas by another form of energy or its elimination. Similarly, the measure must not correspond to a technology covered by one of Énergir energy efficiency equipment program, no matter what the level of energy efficiency.

### 3. Recovery of thermal energy (heat) from sources other than natural gas

Énergir accepts measures such as geothermal or air energy or heat recovery from sources other than natural gas under certain conditions:

- 3.1. The thermal energy recovered must be: i) marginally free, AND ii) come from unused waste heat or renewable thermal energy.<sup>3</sup>
- 3.2. Unused waste heat must be generated on the premises from the implementation of energy efficiency measures.

However, measures aimed at the recovery of waste heat from a water distribution system between the buildings (urban system) could be eligible under certain conditions. Where applicable, such measures must be submitted in advance to an Energy Efficiency Advisor for analysis.

- 3.3. The thermal energy recovered must lead to a reduction in natural gas consumption, regardless of usage (heating, hot water, ventilation, process).

<sup>3</sup> While thermal solar energy is considered a renewable thermal energy, it is excluded from this grant since Énergir already offers a specific grant for solar energy.



### Implementation of Energy Efficiency Measures

**3.4. If a mechanical compression refrigeration system (e.g. heat pump) is utilized to recover unused waste heat, the portion of electrical energy consumed by the compressor motor must be deducted from the total of recovered energy in the calculation of energy savings.**

Énergir only recognizes net savings. Also, if the same mechanical compression refrigeration system is used for air-conditioning open space, the system must be included in the reference scenario and the costs associated with its purchase and installation may not be recognized as eligible expenses.

**3.5. If the implementation of an energy efficiency measure avoids the installation of a natural gas appliance, the cost of installing that appliance must be estimated and included in the reference scenario when calculating eligible expenses and the payback period (ROI).**

**3.6. The consumption of natural gas following implementation of the energy efficiency measures must ensure the cost-effectiveness of the connection and represent at least 30% of natural gas consumed before the project was undertaken.**

**3.7. A preliminary version of the study describing the energy efficiency measures, as well as the calculations of the energy savings, must be submitted to Énergir for approval by the consulting engineer before being presented to the customer.**

Énergir reserves the right to interpret the terms and conditions of the grant and to revise and validate the hypotheses and parameters of the calculation of the energy recovery measures presented.

**4. All measures must be recommended and justified, either by a technical-economic feasibility study or by a report or other pertinent document signed by an engineer member in good standing of the *Ordre des ingénieurs du Québec*.**

Such documents may include:

- any firm accredited by Énergir for an assistance program for conducting technical-economic feasibility studies;
- a report from an engineering consulting firm with its head office in Québec;
- a study carried out by an engineer employed by a manufacturer or distributor of energy efficient equipment, or an energy distributor;



### Implementation of Energy Efficiency Measures

#### 5. The natural gas savings must be justified by calculations.

These detailed calculations must be carried out or verified by an engineer member in good standing of the *Ordre des ingénieurs du Québec*.

The documentary evidence of the savings must be based on current operating conditions and anticipated conditions. The calculations must be done in accordance with recognized engineering methods.

#### 6. A measure covered in the request for financial assistance that is part of a series of measures must be appropriately documented

Separate information on one or more measures that relate to natural gas consumption will be needed in order for the request to be analyzed by Énergir.

#### 7. Measures covered by other Énergir energy efficiency programs must be distinct from the other energy savings measures.

If a measure is combined with the replacement of an equipment covered by one of Énergir energy efficiency equipment program, the savings related to that measure must be isolated from those related to replacing the equipment. The same applies to measures affecting a building envelope, recommissioning, or solar heating.

#### 8. Measures covering boilers can be accepted.

Boilers with a capacity over 5MM Btu/h may be accepted under the Implementation of Energy Efficiency Measures Grant.

#### 9. Performance measures that do not require any expenditure on equipment or products are not eligible.

#### 10. Maintenance measures (replacement as a result of a breakage; repairs) are not admissible

#### 11. The measures implemented must comply with laws and regulations

The measures studied must comply with the laws and regulations applicable in Québec, particularly those dealing with air quality and environmental protection.

#### 12. Any participant who is covered by another financial assistance program for undertaking this project agrees to advise Énergir of any amount received/or to be received for the same project.

Énergir will pay the customer the financial assistance accorded for the implementation of energy efficiency measures, net of any contribution from other organizations for the same project, such that the portion payable by the customer represents at least 25% of the costs related to the project.





13. Énergir reserves the right to validate the calculation hypotheses and to modify its financial assistance.
14. Monitoring of savings is mandatory for all projects representing annual natural gas savings of 500,000 m<sup>3</sup> and over (large-scale project).

For more details, please refer to the “Savings Monitoring” section in this Guide.

### Implementation of Energy Efficiency Measures

Maximum period  
of time for  
completion



Implementation of  
Energy Efficiency  
Measures



## Mandatory step in monitoring savings

This step is mandatory for participants in the Implementation of Energy Efficiency Measures Grant whose project represents annual natural gas savings of 500,000 m<sup>3</sup> and over (large-scale project) and whose requests have been received after February 1, 2018.<sup>4</sup>

For customers with potential annual natural gas savings of 500,000 m<sup>3</sup> and over, Énergir requires participants to submit a **Savings Monitoring Plan (Appendix 2)**, outlining the energy savings.

Énergir must receive a **Monitoring Report** at the start of the project that includes various data for monitoring the savings generated by the measures implemented.

After implementation of the energy efficiency measures, the customer has up to 12 months to submit the **Savings Monitoring Report (Appendix 3)**, showing the results obtained, as well as any differences noted compared with the savings initially calculated.

Additional financial assistance will be paid to the participant under the savings monitoring grant.



<sup>4</sup> Requests received before February 1, 2018, can benefit from the terms and conditions in effect at the time of the request.



## Financial assistance

The additional financial assistance offered by Énergir under this grant is meant to cover the professional fees charged, as well as the measuring equipment required, to monitor the energy savings. **The financial assistance paid applies only to large-scale projects.**

The amount of this additional financial assistance is limited to 80% of the expenses related to carrying out the monitoring and may not exceed \$15,000.

The eligibility of the expenses, and the amount of the additional financial assistance for monitoring the savings, must be approved by Énergir.

The additional financial assistance will be paid to the participant after the **Report on Savings Monitoring (Appendix 3)** has been approved by Énergir.

## Contributions from other organizations

Any customer who is participating in another financial assistance program for carrying out the monitoring agreed to declare any amount received and/or to be received to Énergir. Énergir will pay the customer the financial assistance envisaged under the Savings Monitoring Grant, less the contribution(s) from other organizations for the same monitoring, so that the total contributions received do not exceed 100% of the expenses related to carrying out the monitoring.

## Requirements

In addition to complying with the admissibility conditions, as well as the terms of participating in the Implementation of Energy Efficiency Measures Grant, large-scale projects must meet the following requirements:

1. The savings monitoring grant is for customers who are participating in the Énergir Implementation of Energy Efficiency Measures Grant and whose projects have potential savings of 500,000 m<sup>3</sup> and over.
2. Customers must have made a prior request for financial assistance under the Implementation of Energy Efficiency Measures Grant, accompanied by a **Savings Monitoring Plan (Appendix 2)**.
3. The **Savings Monitoring Plan** must be submitted to Énergir for approval before its implementation.
4. The **Savings Monitoring Plan** must be carried out or verified by a member in good standing of the *Ordre des ingénieurs du Québec*.
5. The savings monitoring must respect the elements in the **Savings Monitoring Plan (Appendix 2)**. While Énergir does not wish to impose a standard format on all participants, it does want to ensure that the various elements included in the plan are covered.

### Principal elements in the Savings Monitoring Plan

- a. Objective of Savings Monitoring Plan
- b. Description of key parameters
- c. Description of proposed methodology



- d. Procedures for analysis and calculations
- e. Monitoring period
- f. Costs and fees

Once the measures have been implemented, are operational, and the monitoring period completed, the customer must submit the **Savings Monitoring Report (Appendix 3)** to Énergir for approval.

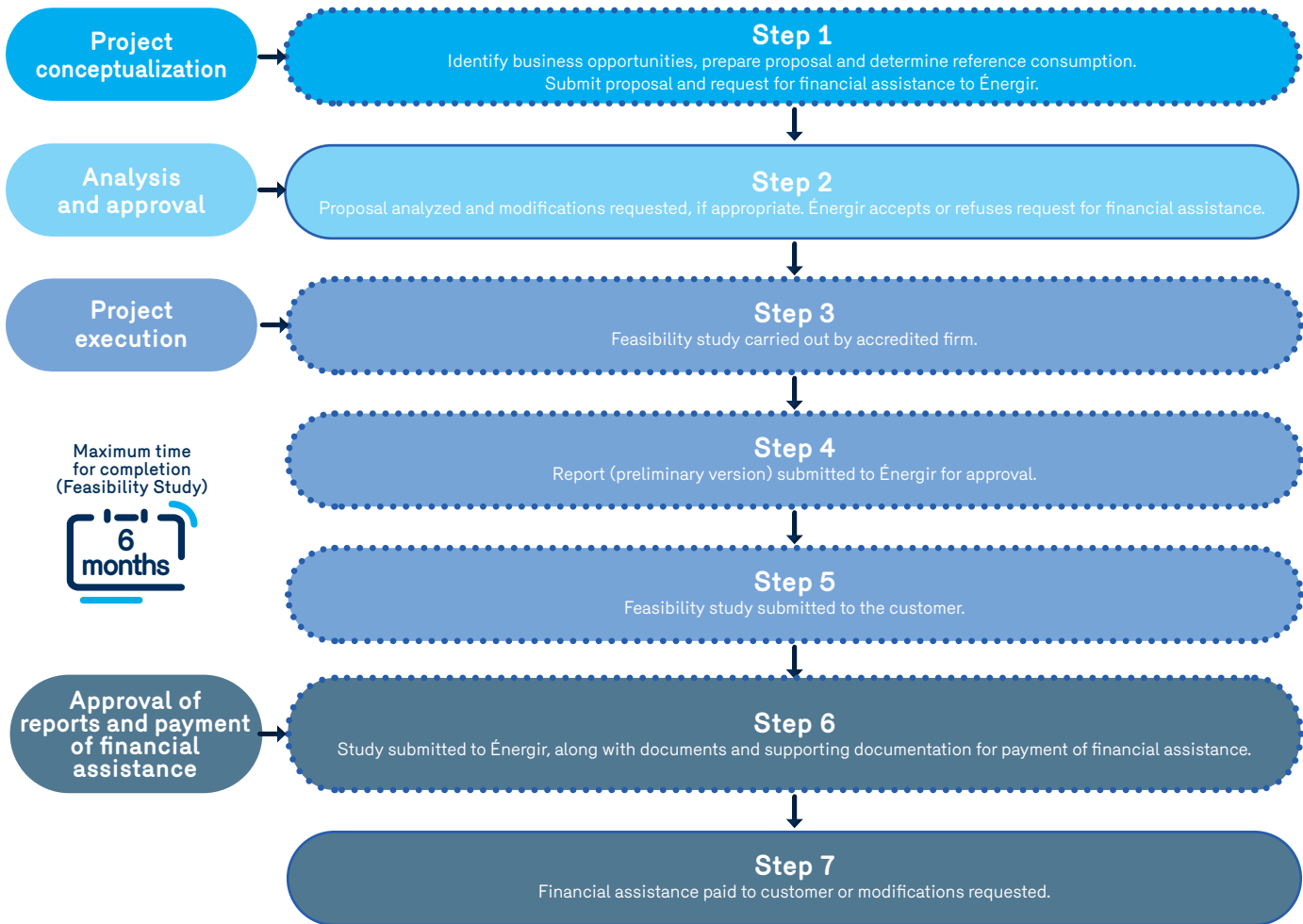
7. The **Savings Monitoring Report (Appendix 3)** must include all the references used for the calculations, the measurement data, as well as details of the calculation methods employed.
8. **The calculations** must have been done or verified by a member in good standing of the *Ordre des ingénieurs du Québec*.
9. The savings monitoring must be carried out during the period indicated in the **Savings Monitoring Plan**. It is important to carefully choose a representative period for the final use of the measure (heating, air conditioning, process). For example, for measures affecting heating or air conditioning, a complete heating cycle should be monitored. For measures related to processes, two weeks of monitoring the savings might be judged sufficient.

**The results of the monitoring will have no impact on the financial assistance received under the Implementation of Energy Efficiency Measures Grant.**

Énergir requests that participants use a method that takes into account the context and particularities specific to your project in order to evaluate the energy consumption levels after implementation of the project. That method may be based on the International Performance Measurement and Verification Protocol (IPMVP)<sup>5</sup> **or any other appropriate approach.**

# Feasibility Studies

## Steps to follow (table)



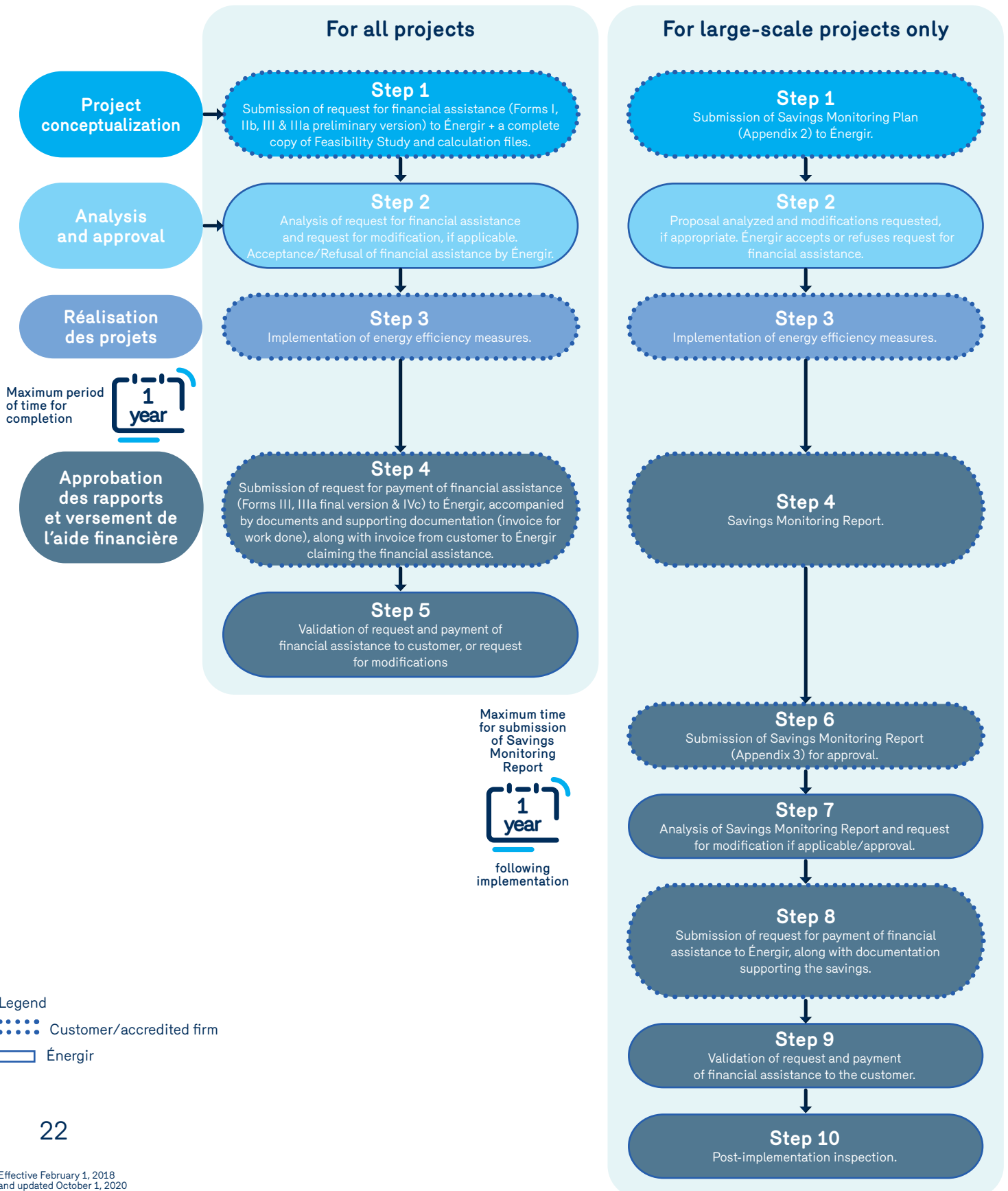
### Legend

Customer/accredited firm

Énergir

# Implementation of Energy Efficiency Measures

## Steps to follow (table)





Steps to follow

# Steps to follow

## Feasibility Studies

### Step 1

#### Submission of proposal and request for financial assistance to Énergir

The financial assistance is intended for Énergir customers who would like to have feasibility studies done. As a first step, the customer submits a request for financial assistance to Énergir by completing the **Application for admissibility (Form I) and the Request for financial assistance (Form IIa)**.

The application must be accompanied by a complete **proposal** from an accredited firm, which includes a brief description of the measures to be analyzed in the feasibility study and an indication of the amount of financial assistance the customer expects to receive.

In submitting the application, the customer declares that he has read the admissibility criteria.

### Step 2

#### Analysis of proposal and request for modification (if applicable); acceptance

Énergir analyzes the request for financial assistance based on the admissibility criteria and confirms in writing its acceptance (or refusal) of the request for financial assistance, the amount accorded, the deadline for completion, as well as a reminder of the performance conditions and specifications to be respected.

The customer agrees that Énergir may request details from the accredited firm regarding the content of the proposal and make modifications, but without changing the cost of carrying out the study.

### Step 3

#### Feasibility study carried out

The accredited firm has six months from the date Énergir agrees to pay the financial assistance to carry out the feasibility study in accordance with the proposal and specifications.

### Step 4

#### Submission of report (preliminary version) to Énergir for approval

The accredited firm submits a preliminary version of the study to Énergir. The customer agrees that Énergir may request the accredited firm to make modifications to the study so that it respects the specifications and the service proposal. The accredited firm submits the **Summary of measures**



### Steps to follow

covered by the request for financial assistance (Form III) and the Detailed report of costs (Form IIIa), ensuring the fields “Customer authorization” and “Validation by engineer” are duly completed.

## Step 5

### Submits feasibility study to customer (accredited firm)

The accredited firm submits the final version of the study to the customer.

## Step 6

### Submission of study to Énergir, along with documents and supporting documentation for payment of the financial assistance

The customer completes the Transmittal Form for submitting the documents and supporting documentation to go with the **Request for payment of financial assistance (Form IVa)**. The customer has one month following receipt of the study from the accredited firm, to make the request for payment of the financial assistance.

The Transmittal Form must be accompanied by the following documents:

- a complete copy of the final version of the feasibility report on which the completion date is indicated, as well as the identity of the professional who carried out the study or approved the report;
- a copy of the invoice sent to the customer by the accredited firm, representing the total cost of the feasibility study plus applicable taxes (GST and PST);
- an invoice from the customer to Énergir to claim the financial assistance, plus applicable taxes (GST and PST).

## Step 7

### Payment of financial assistance to customer or request for modifications

Énergir analyzes the report and if it is considered satisfactory, i.e., if it respects the eligibility criteria and specifications and if all the documents have been received, Énergir so advises the customer and issues a cheque. If the scope of the study was modified while underway, or if the study is considered unsatisfactory, then Énergir reserves the right to ask the accredited firm to make certain revisions or modifications and to put the payment of the financial assistance on hold until an acceptable version is received. Énergir so advises the customer.





Steps to follow

## Implementation of Energy Efficiency Measures

### Step 1

#### Submission of request for financial assistance to Énergir

The financial assistance is intended for Énergir customers and about to become customers who would like to implement the energy savings measures proposed in a technical-economic feasibility study or other document recognized by the grant. As a first step, the customer submits a request for financial assistance to Énergir by completing the **Application for admissibility (Form I) and the Request for financial assistance (Form IIb)**.

In the request for admission, the customer must include a complete copy of the Feasibility Study which describes the measure(s) covered by the request, along with a preliminary version of the **Summary of measures covered by the request for financial assistance (Form III) and the Detailed report of costs (Form IIIa)**.

For projects representing annual natural gas savings of 500,000 m<sup>3</sup> and more, the customer must also include the **Savings Monitoring Plan (Appendix 2)** with the request. Please refer to the section Savings Monitoring in this Participant's Guide for more details.

In submitting the application, the customer declares that he has read the grant admissibility criteria.

### Step 2

#### Analysis of proposed measures and request for modification (if applicable); acceptance

Énergir analyzes the request for financial assistance based on the admissibility criteria and confirms in writing its acceptance (or refusal) of the request for financial assistance, the amount accorded, the deadline for completion, as well as a reminder of the performance conditions.

The customer agrees that Énergir may request details regarding the measures proposed and/or make modifications, but without changing the cost of implementation.

For projects representing annual natural gas savings of 500,000 m<sup>3</sup> and more, Énergir will analyze the **Savings Monitoring Plan (Appendix 2)** and confirm its acceptance or denial of the Savings Monitoring Grant in writing.

### Step 3

#### Energy savings measures implemented

The customer has one year from the date Énergir agrees to pay the financial assistance to implement the measures approved by Énergir. The customer must advise Énergir if this deadline cannot be respected. Beyond that deadline, Énergir reserves the right to refuse payment of the financial assistance for implementation of the measures.

The measure, as approved by Énergir, must be implemented in their entirety. However, if the measure is implemented differently or modified, the participant must complete the appropriate form, as described below.



### Steps to follow

## Step 4

### Submission of request for payment of the financial assistance to Énergir, along with documents and supporting documentation

The customer completes the **Request for payment of financial assistance & implementation certification (Form IVc)**. This request must be presented within a year following the date indicated on the letter agreeing to the original request.

The request must be accompanied by the following documents:

- a copy of invoice sent to the customer by the supplier of the goods provided or services rendered;
- final version of the **Summary of measures covered by the request for financial assistance (Form III)** and the **Detailed report of costs (Form IIIa)**, reflecting the actual costs for acquiring and installing the equipments and the services rendered;
- an invoice from the customer to Énergir claiming the financial assistance, plus applicable taxes (GST and PST).

## Step 5

### Validation of request and payment of financial assistance to customer or request for modification

Énergir analyzes the measures implemented and if the file is considered satisfactory, i.e. it respects the performance conditions, Énergir so advises the customer and issues a cheque. If the scope of the measures was modified during implementation, then Énergir reserves the right to ask the customer to make certain modifications and to put the payment of the financial assistance on hold until the modifications have been implemented.

### Post-implementation inspection

An inspection visit in the 12 months following implementation of the measures will be done by Énergir. Énergir will contact the resource-person identified on **Form I** to set a date for the inspection. During the inspection visit, the customer participating in the Implementation of Energy Efficiency Measures Grant must be able to show the Énergir representative conducting the inspection evidence that the measures for which Énergir has paid financial assistance have indeed been implemented. If this inspection reveals that the measures have not been implemented, the customer agrees to immediately reimburse the financial assistance granted by Énergir under this grant.



## Steps to follow

## Savings Monitoring

Additional mandatory steps for large-scale projects only :

### Step 6

#### Submission of Savings Monitoring Report (Appendix 3)

After payment of the financial assistance for the measures implemented, the customer has 12 months to submit the **Savings Monitoring Report (Appendix 3)**, showing the results obtained, as well as any differences noted compared with the savings initially calculated.

### Step 7

#### Analysis of the Savings Monitoring Report and request for modifications, if applicable/acceptance

Énergir analyses the **Savings Monitoring Report (Appendix 3)** and confirms in writing its acceptance (or denial) of the financial assistance and the amount granted.

### Step 8

#### Submission of request to Énergir for payment of the financial assistance, along with supporting documentation for the savings monitoring.

The customer completes the **Request for payment of financial assistance for monitoring savings (Form IVd)**.

This request must be accompanied by the following documents:

- a copy of invoices from suppliers for goods provided and/or services rendered;
- a copy of the bill from the customer to Énergir claiming the amount of the financial assistance for the savings monitoring, including applicable taxes (GST and PST).

### Step 9

#### Validation of request and payment of financial assistance to the customer

Énergir analyses the request for payment and if it is judged satisfactory, that is, if it respects the execution criteria, Énergir advises the customer and issues a cheque.



## Step 10

### Post-implementation inspection

An inspection visit in the 12 months following implementation of the measures will be done by Énergir. Énergir will contact the resource-person identified on **Form I** to set a date for the inspection. During the inspection visit, the customer participating in the Implementation of Energy Efficiency Measures Grant must be able to show the Énergir representative conducting the inspection evidence that the measures for which Énergir has paid financial assistance have indeed been implemented.

If this inspection reveals that the measures have not been implemented, the customer agrees to immediately reimburse the financial assistance granted by Énergir under this grant.



Steps to follow



# Forms

If you use **Version 12 of Acrobat Reader (or Professional)** you can complete, send (by e-mail), print, and save the various forms. When you have completed the forms, hit the Send button and you will be directed to an e-mail. You can then write a message and also enclose your other documents before you send the e-mail to Énergir.

## Feasibility studies

Before the work – new request for admissibility

- [Application for admissibility \(Form I\) and Request for financial assistance \(Form IIa\)](#)
- Attach the proposal

After completion – request for payment

- [Summary of measures covered by request for financial assistance \(Form III\) and Request for payment of financial assistance \(Form IVa\)](#)
- [Detailed report of costs \(Form IIIa\)](#)

## Implementation of Energy Efficiency Measures

Before the work – new request for admissibility

- [Application for admissibility \(Form I\), Request for financial assistance \(Form IIb\) and Summary of measures covered by request for financial assistance – preliminary report \(Form III\)](#)
- [Detailed report of costs – preliminary report of detailed costs \(Form IIIa\)](#)
- Attach the study and/or calculations

### For large-scale projects:

- [Savings Monitoring Plan \(Appendix 2\)](#)

After completion – request for payment

- [Summary of measures covered by request for financial assistance – final version \(Form III\) and Request for payment of financial assistance & implementation certification \(Form IVc\)](#)
- [Detailed report of costs – final version \(Form IIIa\)](#)

### For projects that represent annual natural gas savings of 50,000 m<sup>3</sup> and over:

- [Savings Monitoring report \(Appendix 3\)](#)
- [Request for payment of financial assistance \(Form IVd\)](#)



Forms

# Appendix

## Treatment of applicable taxes

### Studies and implementation

As an enterprise registered for GST and PST and as a beneficiary of financial assistance offered under the above grant, we wish to inform you that in order to comply with the *Excise Tax Act* (GST) and the *Act respecting the Québec sales tax* (PST), an invoice addressed to Énergir must be submitted claiming the total amount of the financial assistance accorded.

- In order for Énergir to make the payment, the invoice must be presented in due form and contain the following information:
  - name of beneficiary of financial assistance (the customer);
  - address where work was carried out;
  - address of Énergir;
  - number and date of invoice;
  - description: *Financial assistance related to the Feasibility Studies and Implementation Grant*;
  - amount of financial assistance claimed and indicated in letter of acceptance from Énergir;
  - taxes payable on amount of financial assistance: GST and PST;
  - beneficiary's GST and PST account numbers;
  - indicate file number shown on acceptance letter.

The invoice must be sent to the following address with the **Request for payment of financial assistance (Forms IVa, IVb, IVc ou IVd)**, following completion of the work.

Your accounting and tax specialists will be able to give you more details concerning this specific procedure and the tax treatment of the financial assistance. Please do not hesitate to consult them.

[Download the invoice template to be completed](#)

To submit a request or for any administrative information regarding an application:

**By e-mail:**

[energyefficiency@energir.com](mailto:energyefficiency@energir.com)

**By phone:**  
514 598-3410