

## Edmonton's Energy Audit Rebate Program *Information Sheet*

The Energy Audit Rebate Program encourages Edmonton's large building owners who participated in Edmonton's Building Energy Benchmarking Program to "take the next step" to understand their energy use and act on their benchmarked energy information.

An energy audit is a systematic examination of how a building and its systems use energy, communicating how much energy is used by each building system and when it is used. This is invaluable information for developing effective energy management strategies, identifying the most promising options for reducing energy consumption and improving building energy efficiency. [NRCan](#) has reference material and tools about energy auditing and Alberta's Energy Efficiency Alliance provides a [list of energy auditing companies](#).

There are a limited number of energy audit rebates available in 2022, and they will be distributed on a first come, first served basis. To confirm current rebate availability, please email [energystar@edmonton.ca](mailto:energystar@edmonton.ca).

### APPLICATION PROCESS

#### Important Definitions:

- **Applicant** - Individual who is submitting the application and supporting documentation.
- **Rebate Recipient** - Entity that the City pays the rebate to (must be whoever paid for the energy auditing services)
- **Eligible Building** - The building or campus that participated in Edmonton's Building Energy Benchmarking Program and received an energy audit that meets all eligibility criteria. An Eligible Building is defined as an individual building or campus which is benchmarked as a single property in ENERGY STAR Portfolio manager. [Click here](#) for more information on what constitutes a campus.

A building that meets all eligibility criteria should complete the brief online application form that is available at [edmonton.ca/energybenchmarking](http://edmonton.ca/energybenchmarking). A single application form can be used for up to 3 buildings as long as the Rebate Recipient is the same. In addition, the following supplementary documentation will need to be submitted as email attachments to [energystar@edmonton.ca](mailto:energystar@edmonton.ca):

- Energy audit report (for each building)
- Proof of payment for services (including the date completed, the cost of the services, name of energy auditing firm and address of building)

A Certified Energy Manager with auditing expertise will review each application package, assess if all eligibility criteria have been met and make a recommendation regarding the status of the application. The City of Edmonton will then follow up with every Applicant, whether or not they were successful. If approved, the Applicant will receive an email from [energystar@edmonton.ca](mailto:energystar@edmonton.ca) requesting an invoice to proceed with payment. Once received, the City of Edmonton will issue a cheque to the Rebate Recipient identified in the application and send the cheque in the mail.

This application process is outlined in the following diagram:



## ELIGIBILITY CRITERIA

The City of Edmonton will provide a one-time rebate of 30% of the total cost, up to \$6,000. Applicants must complete the submission process by **November 30, 2022**. A maximum of three rebates can be granted per owner or ownership group, as defined by the City of Edmonton at its sole discretion, each year to help cover the cost of an energy audit in participating buildings<sup>1</sup>. To be eligible to receive a rebate, the following eligibility requirements must be met:

<sup>1</sup> Buildings are defined through Edmonton's Building Energy Benchmarking Program based on the property details entered into ENERGY STAR Portfolio Manager during the program participation process

1. The participant must be a registered participant in Edmonton's Building Energy Benchmarking program, having submitted at least one year of building data via ENERGY STAR Portfolio Manager.
2. The participant must intend to participate in future years of the Building Energy Benchmarking program, submitting a statement of this intent to the City via the online registration form.
3. The energy audit must conform to the standard of **ASHRAE Level 2 energy audit** (energy survey and analysis).
4. The energy audit must be completed within the calendar year following a year of reported energy performance through Edmonton's Building Energy Benchmarking pilot program. For example, if the participant submitted 2021 energy consumption data then the energy audit must have taken place after January 1, 2022, and be submitted to the City of Edmonton to be eligible for a rebate.
5. The completed energy audit report must be submitted to the City, along with proof of payment for the audit services detailing the cost of individual building energy audits if the invoice covers more than one energy audit.
6. The energy audit must have been completed (as indicated on the report) by a qualified professional who is not an employee of the building owner or manager, and who is or has the following qualifications:
  - Professional Engineer
  - Certified Energy Manager
  - Or equivalent industry experience, at the sole discretion of the City of Edmonton; please confirm that the professional's qualifications are sufficient before engaging the audit services.
7. The content of the energy audit report must, at a minimum, include:
  - A facility description including physical characteristics of the eligible facility, as well as its current condition, state of repair and maintenance, approximate date of last major renovation, age and construction type.
  - A description of major energy using equipment including: lighting, HVAC, controls and their capacity, condition, and estimated remaining years of service.
  - A complete breakdown of current building energy usage (covering at least 1 full year of historical billing data), consumption and costs by end-use type, and an analysis of irregular energy use patterns.
  - A list of energy conservation measures, both considered and recommended, as well as considered and not recommended. For all recommended energy conservation measures, the following metrics must be included:
    - Annual electricity savings (kWh)
    - Annual natural gas savings (GJ)
    - Annual GHG reductions (tCO<sub>2</sub>e)
    - Measure life (years)
    - Lifetime GHG reductions (tCO<sub>2</sub>e)
    - ECM Cost (\$) - to an accuracy of +/- 50%
    - Annual Cost Savings (\$) – to an accuracy of +/- 30%

- Simple Payback (years)
  - Identify operational and commissioning opportunities for low and no cost measures to reduce energy consumption.
  - Recommended next steps, and where applicable, budget pricing for any further detailed (Level 3) study requirements to further define potential opportunities.
  - Other requirements deemed valuable to the City as part of the program implementation.
- 8. The City may, at its sole discretion, require the energy audit report to include any other requirements that the City determines is necessary prior to the payment of any funding.

A participant who meets these requirements may receive a rebate for the energy audit of up to \$6,000 or a maximum of 30% of the audit cost, whichever is lower. A maximum of three rebates can be disbursed to a specific building owner per year. The rebate will only be paid to the entity who paid for the energy audit.