



How to apply for Simplified Measures

The Recreation Energy Conservation (“REC”) program helps municipal recreation facilities reduce energy use and greenhouse gas emissions (GHGs) by providing rebates to help identify and implement energy-saving projects. Through the REC program, municipalities can receive rebates for Implementation Projects that increase the efficiency of their energy systems while reducing energy costs and GHG emissions.

All Implementation Projects through the REC program require project savings details that the retrofit will achieve, such as the annual energy savings, annual energy cost savings, annual GHG emission savings, and lifetime GHG emission savings.

If a municipality does not have this information, there are two ways it can be collected to supplement an Implementation Project application, by pursuing a Scoping Audit or Engineering Study through the REC program, or by pursuing one of the Simplified Measures below as a fast-track option.

A municipality can apply for any Simplified Measure without needing a Scoping Audit or Engineering Study due to the predictability of the energy savings achieved by these types of Energy Conservation Measures. See all eligible simplified measures in Table 1 below.

Table 1: Eligible Simplified Measures for the REC program

Simple Measure	Mandatory Inputs	Additional Inputs (if available)
Cold Water Ice Flooding Equipment (De-Aerators)	<ul style="list-style-type: none"> Current hot water heater setpoint (in °C or °F) Number of operating days per year Number of ice resurfacings per day Volume of water used per resurfacing (in litres or gallons) Number of ice surfaces Area of ice surface(s) 	<ul style="list-style-type: none"> Incoming (City) water temp Hot water heater efficiency New resurfacing temperature Baseline chiller plant efficiency Brine % by volume Chiller plant load factor
Pump Replacements (<20 Horsepower)	<ul style="list-style-type: none"> Operating hours per year Existing pump horsepower (Found on pump nameplate) 	<ul style="list-style-type: none"> N/A
Pump Variable Frequency Drives (<50 Horsepower)	<ul style="list-style-type: none"> Operating hours per year Existing pump horsepower (Found on pump nameplate) Pump efficiency (Found on pump nameplate) 	<ul style="list-style-type: none"> N/A
Space Heating Boilers (<2.5 Million BTUH total building capacity)	<ul style="list-style-type: none"> New equipment efficiency (%) Input capacity in BTUH (Found on existing boiler nameplate) 	<ul style="list-style-type: none"> Existing equipment efficiency (%) Load factor (%) Equivalent Full Load Heating hours (EFLH)
Space Heating Furnaces (<2.5 Million BTUH total building capacity)	<ul style="list-style-type: none"> New equipment efficiency (%) Input capacity in BTUH (Found on existing furnace nameplate) 	<ul style="list-style-type: none"> Existing equipment efficiency (%) Load factor (%) Equivalent Full Load Heating hours (EFLH)



Simple Measure	Mandatory Inputs	Additional Inputs (if available)
Space Heating Unit Heaters (<2.5 Million BTUH)	<ul style="list-style-type: none"> New equipment efficiency (%) Input capacity in BTUH (Found on existing unit heater nameplate) 	<ul style="list-style-type: none"> Existing equipment efficiency (%) Load factor (%) Equivalent Full Load Heating hours (EFLH)
Smart Thermostats	<ul style="list-style-type: none"> Percent of heating provided by natural gas, if applicable Input heating capacity in BTUH, if applicable (Found on nameplate) Input cooling capacity in tons or BTUH, if applicable (Found on nameplate) Heating equipment efficiency (Annual Fuel Utilization Efficiency for gas heating, or Heating Seasonal Performance Factor for electric heating) Cooling equipment efficiency (as a Seasonal Energy Efficiency Ratio) 	<ul style="list-style-type: none"> Equivalent Full Load Heating hours (EFLH) Equivalent Full Load Cooling hours (EFLC)
Rooftop Unit (RTU) Replacements	<ul style="list-style-type: none"> Specify if retrofit is an early replacement or end of life replacement Existing and new equipment cooling capacity in tons or BTUH Existing and new equipment cooling efficiency (as a Seasonal Energy Efficiency Ratio) 	<ul style="list-style-type: none"> Year of manufacture of existing RTUs Existing and new equipment heating capacity in BTUH Existing and new equipment heating efficiency (COP) New equipment heating type (gas/electric/none)

Get started

CLEAResult, the REC program implementer, can provide the necessary energy and GHG saving information needed to supplement an Implementation Project for the Simplified Measures listed above. Follow these steps to apply:

1. Collect the mandatory input information and any additional inputs as seen above.
2. Collect photos of the nameplate data from existing equipment and any other supporting documentation as required.
3. Email the information listed in steps 1 and 2 to REC@clearesult.com.

After sending this information, CLEAResult will provide you with estimates on the annual energy savings, annual GHG emission savings, and lifetime GHG emission savings for your Simplified Measure project. After collecting this information, you can submit a REC application form with your utility data and installation cost estimates for review.

Please direct any questions to REC@clearesult.com.