

BUSINESS AND INDUSTRY

PROGRAM COMPARISON GUIDE

The following table provides a comparison of many key measures and program requirements under the Save on Energy Retrofit program, Energy Performance program and Existing Building Commissioning program as of Feb 2024. This comparison is provided for informational purposes only; applicants must always refer to the program requirements and participant agreements available on the [Save on Energy website](#) when deciding whether or not to enroll in a program. If you'd like to learn more about the programs, please call Save on Energy at 1-844-303-5542, or send an email to Retrofit@ieso.ca or info@energyperformanceprogram.ca or EBCx@ieso.ca.

PROGRAM MEASURES

Energy-Efficiency Measures	Retrofit Custom	Retrofit Prescriptive	Energy Performance Program	Existing Building Commissioning Program
Interior and horticultural lighting	✓	✓	✓	✗ Requires baseline adjustment
Interior lighting	✗ Lighting measures previously offered under the Retrofit Program are now available under the Save on Energy Instant Discounts Program	✗ Lighting measures previously offered under the Retrofit Program are now available under the Save on Energy Instant Discounts Program	✓	✗ Requires baseline adjustment
Exterior lighting	✗ Lighting measures previously offered under the Retrofit Program are now available under the Save on Energy Instant Discounts Program	✗	✓	✗ Requires baseline adjustment
Advanced rooftop unit (RTU) controls	✓	✓	✓	✗ Requires baseline adjustment
HVAC and process chillers	✓	✓	✓ Includes savings from cooling tower and pumps	✗ Requires baseline adjustment
Unitary air conditioners and heat pumps	✓	✓	✓	✗ Requires baseline adjustment
Electronically commutated motors (ECM)	✓	✓	✓	✗ Requires baseline adjustment
Hotel occupancy controls	✓	✓	✓	✗ Requires baseline adjustment

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Energy-Efficiency Measures	Retrofit Custom	Retrofit Prescriptive	Energy Performance Program	Existing Building Commissioning Program
Demand controlled ventilation	✓	✓	✓	✗ Requires baseline adjustment
Carbon monoxide sensor for parking garage	✓	✓	✓	✗ Requires baseline adjustment
Agribusiness measures	✓	✓	✓	✗ Not applicable
Cold water booster pump	✓	✓	✓	✗ Requires baseline adjustment
Compressed air system	✓	✓	✓ Includes piping improvement, air leak repair and pressure reduction	✗ Requires baseline adjustment
ECM motors on fan and pumps	✓	✓	✓	✗ Requires baseline adjustment
Fuel switching (natural gas to electricity, or electricity to solar, solar thermal, or geothermal)	✗	✗	✗ Handled via a non-routine adjustment	✗
Domestic cold water booster pump	✓	✓ Using a variable frequency drive	✓	✗ Requires baseline adjustment
Behind-the-meter generation	✗	✗	✗	✗
Waste energy recovery (WER)	✓	✗	✓	✗
Chiller optimization	✓	✗	✓	✗ Requires baseline adjustment
Electric heater control	✓	✗	✓	✗ Requires baseline adjustment

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Rules	Retrofit Custom	Retrofit Prescriptive	Energy Performance Program	Existing Building Commissioning Program
Operational and behavioural savings	✔	✘	✔	✔ (Baseline adjustment not required)
Funding available	<ul style="list-style-type: none"> • \$1,200/kW of peak demand or \$0.13/kWh of energy savings • Up to 50% of the eligible cost or 55% of estimated cost 	<ul style="list-style-type: none"> • Per measure incentive from a prescriptive list • Social housing is eligible for an upfront incentive payment 	<ul style="list-style-type: none"> • On-peak energy savings are \$0.15/kWh (June 1 to August 31 weekdays from 1 p.m. to 7 p.m. DST excluding holidays) • Off-peak energy savings are \$0.04/kWh for all other hours of the year 	<ul style="list-style-type: none"> • Investigation phase: incentive up to \$0.06/sq. ft., capped at \$50,000 and/or at 75% of cost paid after report is submitted • Implementation phase: incentive of \$0.03/kWh of claimed savings capped at 30% of facility annual consumption (kWh) or \$50,000, whichever is less • Persistence phase: At the end of 12 months after implementation, claimed savings capped at 30% of facility annual consumption (kWh) or \$50,000, whichever is less
Requirements	<ul style="list-style-type: none"> • Produce demand savings and/or energy savings generated through an increase in energy efficiency as compared to the existing equipment being replaced • Equipment to be located in a facility • Not replacing equipment previously incented • Not a project that participated in a previous IESO or former Ontario Power Authority-funded program for the same measures 	<ul style="list-style-type: none"> • Produce demand savings and/or energy savings through an increase in energy efficiency as compared to the existing equipment being replaced • Equipment to be located in a facility • Not replacing equipment previously incented • Not a project that participated in a previous IESO or Ontario Power Authority-funded program for the same measures 	<ul style="list-style-type: none"> • Facility located in Ontario • Facility must have a >50kW commercial account (any facility that is commercial, institutional, industrial, multi-family, agricultural, etc.) • At least 12 months of hourly interval data • Most recent electric utility bill 	<ul style="list-style-type: none"> • 12 months of consecutive energy data • Have consumed a minimum of 750,000 kWh per year
Savings calculations	<ul style="list-style-type: none"> • Based on actual energy or demand savings with Measurements and Verifications if incentive is \$80,000 or greater 	<ul style="list-style-type: none"> • Based on predetermined energy savings and based on fixed hours of operation • Download the Measures and Assumptions list for more information 	<ul style="list-style-type: none"> • Based on actual on-peak and off-peak energy savings 	<ul style="list-style-type: none"> • Based on: <ul style="list-style-type: none"> - Occupant behavioural measures - Set point and scheduling optimization - Air and water balancing - Other operational and maintenance changes - Equipment repair and minor replacements
Maximum funding	<ul style="list-style-type: none"> • 50% of eligible costs 	<ul style="list-style-type: none"> • 50% of eligible costs 	<ul style="list-style-type: none"> • Capped at 20% of baseline energy at \$0.04/kWh 	<ul style="list-style-type: none"> • Up to \$150,000 for all three phases

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Social housing adder	✓	✓	✗	✗
Retrofit regional adders	✗	• Yes, for non-lighting measures only. Valid until December 31, 2024	✗	✗
Minimum incentive	• \$1,500	• \$500	• N/A	• N/A
Minimum savings in kWh	• 2,000 kWh or 1 kW	✓	• 5% of baseline energy consumption	• N/A
Minimum savings in kW	• 1 kW or 2,000 kWh	✗	✗	• N/A
Maximum incentive savings in kWh	✗	✗	• Capped at 20% of baseline energy consumption	• N/A
Avoided energy use in existing buildings	✓	✓	✓ (Using baseline adjustment)	✓
Application	• Online	• Online	• Sign up on EPP Portal	• Online
Web address for application	• SaveOnEnergy.ca/Retrofit	• SaveOnEnergy.ca/Retrofit	• SaveOnEnergy.ca/EPP	• SaveOnEnergy.ca/EBCx
How to contact the program team	• Email: Retrofit@ieso.ca or call 1-844-303-5542	• Email: Retrofit@ieso.ca or call 1-844-303-5542	• Email: info@energysperformanceprogram.ca	• Email: EBCx@ieso.ca
Final measure in-service date	• December 31, 2025	• December 31, 2025	• Any time within the 3-year contract term but no later than December 31, 2027	• To be implemented within 18 months of IESO approving the investigation report
Post-measurement	• Yes, if incentive is \$80,000 or greater	✗	• Occurs at the end of each 12-month Pay-for-Performance period over the 3 years	• At the end of 12 months after implementation, incentive of \$0.03/kWh of confirmed savings
Application deadline	• December 31, 2024 (unless the IESO specifies an earlier submission deadline)	• December 31, 2024 (unless the IESO specifies an earlier submission deadline)	• No deadline. Application needs to receive approval by December 31, 2024	• Sufficient time to be approved before December 31, 2024
Application approval deadline	• December 31, 2024	• December 31, 2024	• December 31, 2024	• December 31, 2024
Demand saving period winter (4 p.m. to 9 p.m. EST from November 1 to February 28 on non-holiday weekdays)	✗	✗	✗	✓
Demand saving period summer (1 p.m. to 7 p.m. EDT from June 1 to August 31 on non-holiday weekdays)	✓	✗	✓	✓
Who can submit an application	• Applicant	• Applicant	• Applicant	• Commissioning Provider

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M&V requirement	<ul style="list-style-type: none"> • Yes, if incentive is \$80,000 or greater 	<ul style="list-style-type: none"> • N/A 	<ul style="list-style-type: none"> • Interval data, International Performance Measurement & Verification Protocol Option C 	<ul style="list-style-type: none"> • No M&V for <50MWh • Basic M&V between 50 MWh and 500 MWh • Enhanced M&V over 500 MWh
Payment	<ul style="list-style-type: none"> • After installation and post-project and incentive invoice have been approved 	<ul style="list-style-type: none"> • After installation and post-project and incentive invoice have been approved 	<ul style="list-style-type: none"> • Optional prepayment for the first year of 2.5% of annual consumption at \$0.04/kWh • Performance payment for on-peak and off-peak energy savings for each of three Pay-for-Performance periods 	<ul style="list-style-type: none"> • Investigation phase: incentive up to \$0.06 sq. ft. capped at \$50,000 paid after report is submitted • Implementation phase: incentive of \$0.03/kWh of claimed savings paid after confirmation is received • Persistence phase: At the end of 12 months after implementation, incentive of \$0.03/kWh of confirmed savings
Emergency replacement or unplanned replacement of recently failed existing equipment eligible	✘	✔	✔	✘ (Requires baseline adjustment)
Emergency replacement maximum incentive	✘	<ul style="list-style-type: none"> • \$10,000 	<ul style="list-style-type: none"> • Maximum of 20% of baseline energy consumption 	✘
Emergency replacement	✘	<ul style="list-style-type: none"> • Unitary air conditioning, variable frequency drive or variable displacement air compressor for eligible measures 	<ul style="list-style-type: none"> • No restriction 	✘
Emergency replacement deadline	✘	<ul style="list-style-type: none"> • Must be submitted in the portal within 45 days of completing the project 	<ul style="list-style-type: none"> • N/A 	✘