NOVEMBER 4, 2022

Save on Energy Webinar: Energy Efficiency in Mid-Tier Commercial Real Estate – Ask an Energy Expert

Presented by the Save on Energy Team

ieso
Connecting Today.
Powering Tomorrow.

SAVE ON ENERGY
POWER WHAT'S NEXT

Today's Presenters

Rob Edwards:	Business Advisor, Private Sector, IESO
Stephen Dixon:	President, KnowEnergy
Michel Parent:	President, TechnoSim
Jess Burgess:	Senior Consultant, CIET

Agenda

1. Introduction
2. Save on Energy resources and programs for mid-tier buildings
3. Discussion: Ask An Expert
    - Save on Energy programs for energy and peak demand
    - Technology roundtable: Common, cost-effective measures
    - Technology-specific series
    - Lightning round!

About the IESO

Reliably operate Ontario's Province-wide system 24/7

Plan for Ontario's future energy needs

Enable competition and create efficient electricity markets

Enable province-wide energy efficiency

Purposefully engage to enable informed decisions

Support innovation

Cybersecurity leadership

Smart Metering Entity

Save on Energy for Business

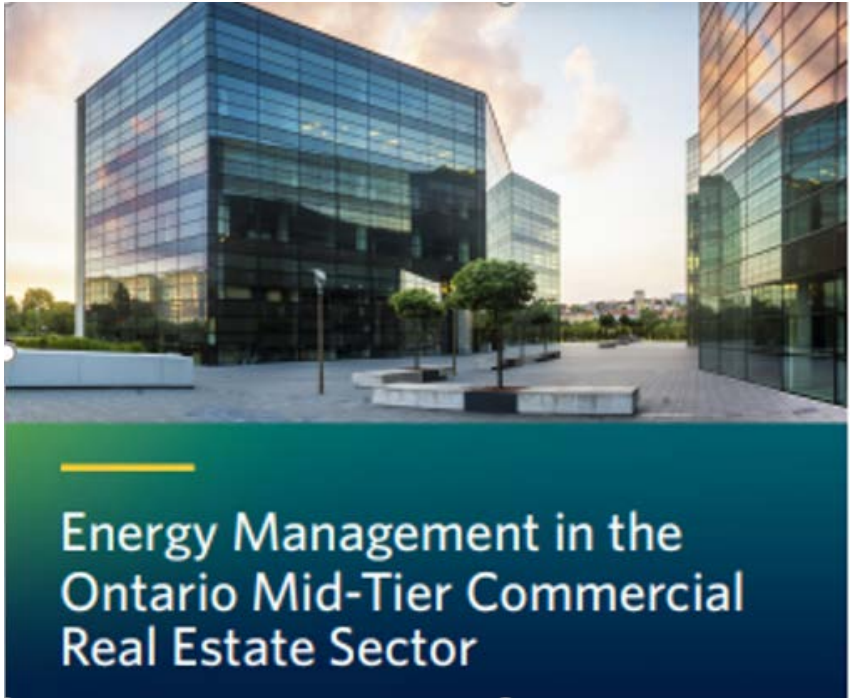
- Programs that provide incentives to help Ontario businesses of all sizes implement retrofits and other energy-efficiency projects to lower their energy costs, including:
  - Small Business Program
  - Retrofit Program
  - Energy Performance Program
  - Energy Manager Program
  - Industrial Energy Efficiency Program
  - Strategic Energy Management Program (2023)
  - Existing Building Commissioning Program (2023)

For energy-efficiency and program updates, sign up for the Save on Energy quarterly business newsletter at https://www.saveonenergy.ca/en/Manage-your-subscriptions

Existing Building Commissioning (EBCx)

- Designed to build capability for energy management organizations by training building owners/managers to enhance their facility management practices
- Provides incentives for building owners to undertake recommissioning services; provides pay-for-performance incentives for savings achieved
- Scheduled for launch in Q1 2023

Resources for Mid-Tier Owners and Operators



1. Energy Management Study
2. Energy-efficiency measure guides for mid-tier facilities
3. Guide to Accessing and Analyzing Your Energy Interval Data
4. Video: How to Conduct an Energy Efficiency Walk-through in Your Mid-Tier Facility
5. Energy efficiency training pathway

All resources available at:
https://www.saveonenergy.ca/en/For-Business-and-Industry/Resources/mid-tier-commercial-real-estate-and-EE

Save on Energy Updates

- To stay up to date with the latest news and insights about Save on Energy programs, subscribe to the Save on Energy business newsletter at https://www.saveonenergy.ca/en/Manage-your-subscriptions

2021 Energy Manager Awards

Come celebrate with the Energy Manager community!
Thursday, November 24
8:30 a.m. to noon
International Centre, Mississauga

- In-person networking with your peers
- Interactive panel discussion with award winners on their key success factors
- Free to attend; continental breakfast provided

For more information, please email admin@energymanagerprogram.ca

Register now ➔
Space is limited!

2020 Award Winners

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SAVE ON ENERGY POWER WHAT'S NEXT

Energy Efficiency in Mid-Tier Commercial Real Estate – Ask an Energy Expert

Discussion Agenda

1. Save on Energy programs for energy and peak demand
2. Technology roundtable: Common, cost-effective measures
3. Technology-specific series
4. Lightning round!

What Save on Energy programs and support are available to commercial building owners to support energy efficiency and demand response?

Technology Roundtable

What are the common and cost-effective retrofit technologies mid-tier commercial buildings are installing/implementing to save on energy and peak demand?

What are the key design considerations for variable volume and temperature HVAC systems, and design pitfalls to avoid?

Julia Tsai

BGIS

What options and best practices are there for occupancy-based demand-controlled ventilation?

David Gerrish

Energy Specialist, Queens University

Can you recommend cost-effective, reliable, and maintainable lighting controls for institutional buildings that may go 40 or even 60 years without a renovation?

Are switched reluctance motors suitable for HVAC pumps and fans in the 3 to 20 HP range?

Lightning Round!

1. How has IESO adapted programs to account for deep energy retrofits and fuel switching which can be more difficult to M&V?
2. How do you calculate the savings from an electronically commutated motor versus a PSC motor?
3. Some mid-tier commercial customers still don't have interval meters yet, how will IESO/OEB/LDCs address the issue, so these customers have the same capability of knowing their usage pattern as other small commercial/large industrial customers?

Webinar Follow Up

The webinar recording will be available on the Save on Energy website following the session.

Please help us by taking two minutes to complete a survey about this session! See the link to the survey in the Chat now.

Thank you

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