

Our Retrofit Program can give your business a competitive edge by helping you reduce your electricity use. In the long term, that means you'll have more to reinvest in your business – with the added benefit of having a more comfortable and productive workplace.



Savings Success Story: HVAC, Rooftop units, AircoSaver sensors

The International Centre

Annual Electricity Savings*

\$23,000

Incentive received
\$24,413

Payback*
1.2 Years

Apply today.

Go to retrofitmybusiness.com or call 1 855 215 7235

The International Centre near Toronto's Pearson Airport provides customers with over 1,000,000 square feet of conference and exhibition space in six buildings that cater to a wide variety of special events.

“The Retrofit program helped to reduce our energy costs and make room temperatures more comfortable for visitors. The incentive didn't add a cent to our customers' rental costs.”

– Vaso Drapic, Lead Hand, Engineering



Challenge

Tucked onto the roof of the International Centre's six buildings are 93 roof-top air conditioning units (RTUs) of varying capacities that work to ensure the comfort of thousands of visitors every year. The RTUs are at the mid-point of their lifecycle and because they are not as efficient as newer models, they run at full capacity even when outdoor temperatures and occupancy levels do not require them to. This adds significantly to the Centre's operating costs.



Taking action

Working with their Alectra Utilities Key Account Specialist, The International Centre chose to install AircoSaver electronic compressor efficiency units on all of its 2 ton to 20 ton RTUs. As a result, each RTU is, on average, 25 per cent more energy efficient.

The AircoSaver optimizes compressor usage, the highest consumption component in AC units, while still maintaining comfort levels. The size of an average cellphone, these smart compressor controllers are wired directly into the AC unit. Rather than running the compressor continually, they are programmed to adapt to room temperatures in real time, reducing both consumption and demand.



Getting results

The International Centre received a financial incentive of just over \$24,000 from Alectra Utilities. The upgrade has significantly reduced wear and tear on their rooftop units as the compressors now run on-demand, rather than flat out. Extending the life of existing equipment also means the International Centre can defer major capital investments on new equipment, leaving more capital on hand for other projects. The International Center is now seeing over \$23,000 in annual electricity savings. These savings along with their \$24,413 incentive payment will give them a full payback within 1.2 years.

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