



CANADA'S ENERGY EFFICIENCY SHAPING A LOW CARBON FUTURE

Due to innovative energy efficiency solutions in Canada, energy efficiency improved by 25% between 1990 and 2014.

Canadian energy efficiency solutions are a key piece in the puzzle to increasing growth while reducing greenhouse gas emissions. With cutting edge technologies and expertise, Canadian companies can help you save money and use energy more effectively.

The global energy efficiency market is expected to grow to over \$550 billion by 2035. Canadian companies are creating solutions in all niches of the energy efficiency market. Solutions ranging from energy efficient buildings, energy efficient and clean transportation, energy efficient cities, and more efficient power production. These solutions help consumers achieve benefits including lowering energy costs, improving operating performance, and increasing asset values.

**Energy Efficiency solutions in
Canada saved 85 million tonnes
of carbon pollution and \$38 billion**

- Between 2009 and 2014



ECOBEE > www.ecobee.com

ecobee introduced the world's first wi-fi connected smart thermostat in 2009. The company's award-winning thermostats have enabled consumers to control their home comfort anytime and from anywhere, using their smartphone, tablet or computer. Designed for homes with more than one room, the ecobee3 introduces the ability to wirelessly measure temperature and occupancy in multiple rooms and automatically adjusts the temperature based on the readings in those rooms to keep you comfortable. The sensors also prevent heating and cooling systems from running unnecessarily when your home is empty. In 2017, ecobee4 was launched with built-in Amazon Alexa Voice Service.

MORE CANADIAN INNOVATIVE COMPANIES:



BASIC AI > www.basiccontrols.com

BASIC provides artificial intelligence for buildings, delivering guaranteed energy savings and smarter building controls that react to the demands of residents. BASIC is an innovative web-based energy management system that remotely monitors and controls plant equipment and facilities management systems within a building or buildings portfolio. At no upfront costs, and with a guaranteed financial outcome, BASIC AI delivers energy intelligent technology and savings back to the customers bottom line.



CIRCUITMETER > www.circuitmeter.com

CircuitMeter has developed electrical energy submetering technology, integrated with Big Data and cloud-based CircuitMonitoring™. Its technology is designed to analyze real time, circuit-level energy usage for large organizations and portfolio managers. It provides detailed demand analysis at machine and system level, precision maintenance, advanced energy metering applications and GHG emissions reporting. CircuitMeter's innovative technologies have been deployed in industrial, commercial and institutional spaces, to increase operational efficiencies and achieve cost reductions.



ECOTAGIOUS > www.ecotagious.com

Ecotagious disaggregates smart meter data to provide appliance-level insights without hardware, enabling utilities to meet their energy conservation and customer engagement targets. Ecotagious software-as-a-service (SaaS) based solution uses smart meter data analytics to help both summer and winter peaking utilities meet their conservation targets. Ecotagious services empower utilities to achieve industry leading energy savings, through their energy efficiency programs and initiatives.

MORE FIRMS OFFERING ENERGY EFFICIENCY SOLUTIONS:

- > Behold Controls
- > Carmanah Technologies Corp.
- > Cricket Energy
- > dPoint Technologies
- > EnergyX Solutions Inc.
- > EnerQuality Corp.
- > Envio Systems Inc.
- > Kontrol Energy Corp.
- > Nanoleaf
- > Powerhub
- > Rodan Energy Solutions
- > Smart Energy Instruments
- > Z3 Controls Inc.



ENERGY
INNOVATION
SNAPSHOT

For more information about Canadian innovative energy companies and projects please visit
> energyinnovationsnapshot.ca

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