



Energy
Efficiency
Alberta

Methane Emissions Reduction Forum

Monica Curtis, CEO



**13
Million**

Energy-efficient
products installed



More than
**\$330
Million**
In energy savings

100%

Participation by
Alberta communities



\$3 returned
for every
\$1 invested

**3.4
Million
Tonnes**

of greenhouse
gas emissions
avoided

2,300
Jobs being
created



12 Million
cubic
metres
of water
savings

**\$475
Million**

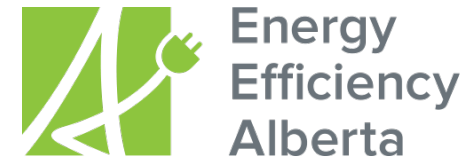
In economic growth

It's been a **BIG** first year...

Energy Efficiency and Emission Reduction - an emerging business advantage

- ▶ Energy Savings
- ▶ Capacity/ Demand Savings
- ▶ Emission Reduction
- ▶ Operating Efficiency
- ▶ Brand Value

Alberta's innovation continuum



Research &
Development

Demonstration
& technology
readiness

Build demand
to meet market
potential

Our Mandate

- ▶ Raise awareness about energy use and the associated economic and environmental consequences
- ▶ Promote, design and deliver programs related to energy efficiency, energy conservation and the development of micro-generation and small-scale renewable energy systems
- ▶ Promote the development of an energy efficiency services industry

Our Principles

**Carbon-
centric**



**Market-
based**



**Cost-
effective**



**Performance-
based**



Our Programs

- ▶ Education and awareness
- ▶ Equipment and technology incentives
- ▶ Efficiency Financing
- ▶ Market development and capacity building

For the Oil and Gas Sector

- ▶ Custom Energy Solutions
 - ▶ Methane Reduction Initiative
 - ▶ Energy Efficiency/ Renewable Energy/
Clean Technology
- ▶ Green Loan Guarantee Program

Industry partnership for Methane Emission Reduction Initiative



Custom Energy Solutions

Methane Emissions Reduction Initiative

Helping Oil & Gas facilities identify/reduce/improve/eliminate methane waste

- ▶ Oil & Gas facility owners with production under 40,000 boe/day
- ▶ Launched Oct. 25, 2018
 - Baseline opportunity assessments
 - Leak detection and repair
 - Direct to Capital studies to identify/quantify eligible projects
 - Direct to Capital projects

MER success to date

What does it all mean?

- ▶ Increases the competitiveness of facilities;
- ▶ Enables emissions compliance;
- ▶ Prepares industry for upcoming methane regulations.

Custom Energy Solutions

Energy Efficiency / Renewable Energy / Clean Technology

- ▶ Energy Manager
- ▶ Scoping Audits, Feasibility Studies
- ▶ Custom Incentives
- ▶ Strategic Energy Management

Green Loan Guarantee Program

- ▶ \$400M loan guarantee fund
- ▶ Reduces cost of debt
- ▶ Large final emitters; large commercial; and small to medium industrial facilities
- ▶ Energy efficiency; on-site renewable energy; clean technology

Our ask

- ▶ Your feedback to help us make our programs even better
- ▶ Your participation in EEA programs



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Energy
Efficiency
Alberta