

Energy Efficiency Alberta Government's Role

Alberta Energy Efficiency Alliance Conference
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Introduction

- Government's role with respect to energy efficiency is driven by public policy
- Policy direction from:
 1. Provincial Energy Strategy
 2. 2008 Climate Change Strategy
- Government has a suite of tools to implement public policy
 1. Education/Information
 2. Financial Incentives
 3. Research and Development
 4. Regulation

Provincial Energy Strategy

Outcomes

1. Wise Energy Use
2. Clean Energy Production
3. Sustained Economic Prosperity

Commitment to consume energy resources with emphasis on efficiency, conservation and wise overall use.

- Decouple emissions from energy consumption through a series of approaches
- Change energy consumption behaviour by encouraging energy efficiency and conservation

2008 Climate Change Strategy

Wedges

1. Conservation and Energy Efficiency
2. Greening Energy Production
3. Carbon Capture and Storage

Commitment

- 24 Mt GHG reduction by 2050
- Engage all Albertans & all sectors
- Through a series of Actions

Secondary Policy Drivers

- **Environmental Footprint**
 - Land use
 - Water conservation
- **Economic Competitiveness**
- **Energy Dollar Savings – Govt, Albertans, Businesses**

What actions have been taken?

- Information/Education

- ✓ Municipal Climate Change Action Centre
- ✓ Improving Energy Efficiency in Industrial & Manufacturing Sectors

- Incentives

- ✓ Consumer Rebate Program - \$36 million
- ✓ Commercial Lighting Program - \$4 million
- ✓ Commercial Transportation Program - \$2 million

What actions have been taken (con't)?

- **Research & Development**
 - ✓ Quality Urban Energy Systems for Tomorrow (QUEST)
 - ✓ University of Alberta South Campus
 - ✓ Real Time Feedback (Smart Meters)
 - ✓ Fuel Use in Upstream Oil & Gas Best Practices
 - ✓ Climate Change & Emissions Management Fund - \$40 million RFP
- **Regulation**
 - ✓ Alberta Building Codes

What actions have been taken (con't)?

- Working with NRCan and other provinces on a range of initiatives and working groups
 - Canadian Commission on Building and Fire Codes
 - EnerGuide Rating System Policy Advisory Committee
 - Efficient building operations and building energy benchmarking
 - Integrated Community Energy Solutions
 - Industrial energy efficiency
 - Forum for energy efficient equipment
 - Innovative energy efficiency financing

Next Steps

Developing an Energy Efficiency Action Plan

- to meet 24 MT target
- to implement energy efficiency and conservation aspects of the Provincial Energy Strategy

1. Now to Summer 2011 – internal development
2. Fall 2011 – stakeholder consultation
3. End of 2011 – final Action Plan