Putting policy into practice - The Alberta Energy Regulator

CSG-West 2017 Annual Meeting
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Alberta’s Resources

2016 Numbers

56.1 billion Cdn $ value of production in Alberta

165 billion bbls remaining established bitumen reserves

897 million bbls raw crude bitumen production = 84% Alberta’s total crude oil & bitumen production

28.2 Tcf remaining established conventional natural gas reserves

3.6 Tcf conventional natural gas production
Alberta’s Reserves & Production

2016 Numbers

**Reserves**
- 1.7 billion bbl conventional oil
- 165 billion bbl bitumen
- 28.7 trillion ft³ conventional natural gas

**Total Production**
- Close to 450 thousand bbl/day conventional crude oil
- 2.48 million bbl/day crude bitumen
- 10.4 bcf/day natural gas
What we Regulate

MORE THAN

50 thermal/enhanced in situ projects

4 coal processing plants

9 oil sands mines

6 producing coal mines

5 bitumen upgraders

OVER 220 primary/enhanced recovery projects (in situ)

AND 16 experimental projects

OVER 167,000 operating natural gas and oil wells

OVER 422,000* kilometres of pipelines

MORE THAN 30,000 oil facilities

AND CLOSE TO

792 gas processing plants

21,000 gas facilities

April 2017

*In addition to inspection and incident response support for 12,000 kilometres of pipelines regulated by the Alberta Utilities Commission.

Original graphic provided by Oilweek Magazine
About the AER

1200 employees
inspectors, technical staff, scientists, investigators, stakeholder engagement specialists, mediators, lawyers, regulatory experts, & others

15 locations

800+ companies regulated
Full Life Cycle Regulation

Construct
Operate
Initiate
Close
The **AER** is one partner in the Government of Alberta’s Integrated Resource Management System.

The **AER** plays a key role in delivering government policy.

We enjoy strong working relationships with our government partners.
protective
Develop an integrated, whole-system regulatory approach to safety, environmental protection, and risk management

effective
Strengthen risk-based regulation

efficient
Transform Alberta’s energy regulatory system to improve efficiency

credible
Increase trust and confidence in how energy is developed in Alberta
Compliance Dashboard
The AER regulates over 422,000 kilometres (km) of pipelines.

Overtakes the moon by some 38,000 kms!

Our Goal

⚠️ High-consequence incident count

DECREASE OF 2% by March 31, 2017 from the previous two-year average
Methane Reduction
Improving the System

Performance
One Application Review Decision
Stakeholder Engagement
Talking to Albertans
Listening to Albertans

% Confidence in the AER
Albertans: 82%
Stakeholders: 77%

Albertans expect the AER to...

Ensure public safety
Protect the environment
Enforce for noncompliance