

Renewable Industries Forum

Provincial Landscape

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Climate Leadership Plan Elements

- **Broad Pricing** includes transportation fuels, deep blends treatment and renewable natural gas.
- **Electricity transitions** phasing out coal emissions by 2030, increasing renewable share to 30 per cent through Renewable Electricity Program (5,000 MW capacity) and support for smaller scale renewables.
- **Funding** Green infrastructure, renewables/bioenergy, technology and innovation

Alberta Fuels Programs

- **Renewable Fuels Standard** mandatory blend rates for renewable content in gasoline and diesel (5 and 2 per cent) with minimum lifecycle performance.
 - Passenger Transport approximately 4 per cent of provincial emissions as compared to approximately 12 per cent nationally
- **Offset Protocol** for Alberta production of biofuel consumed in province.

Previous Programs

- **Support for bioenergy in Alberta began in 2006, under the Nine-Point Bioenergy Plan.**
- **Three programs were established to provide initial support to kick-start bioenergy production in the province.**
 - Biorefining Commercialization and Market Development Program
 - Bioenergy Infrastructure Development Program
 - Bioenergy Producer Credit Program (BPCP)
- **Initial programs were established in 2006 and expired in 2011.**
 - BPCP was renewed in 2011 for 5 years.
 - By 2016, \$420 million was spent to support bioenergy production in Alberta.

Bioenergy Producer Program Overview

- **\$60 million program over 18 months**
 - Program Period 1 (April 2016 to March 2017) - \$40 million
 - Program Period 2 (April 2017 to September 2017) - \$20 million
- **BPP Supports 29 Grant Holders, producing:**
 - Liquid biofuels (ethanol and biodiesel)
 - Electricity (from biogas and biomass-combustion)
 - Heat (from biogas and biomass-combustion)
 - Wood pellets
- **Supported products must demonstrate an emission reduction when compared to a conventional alternative in order to qualify (must be third party verified)**