

Renewable Electricity Program

Background

Alberta's Renewable Electricity Program will play a key role in Alberta's Climate Leadership Plan by reducing emissions from our electricity system and increasing the use of renewable energy generation from sources such as wind, solar, geothermal, sustainable biomass and hydro.

The Program will add 5,000 megawatts of renewable electricity capacity by 2030 using a competitive process, administered by the Alberta Electric System Operator (AESO). This will put Alberta on a path to achieve its target of 30 per cent renewable electricity by that time.

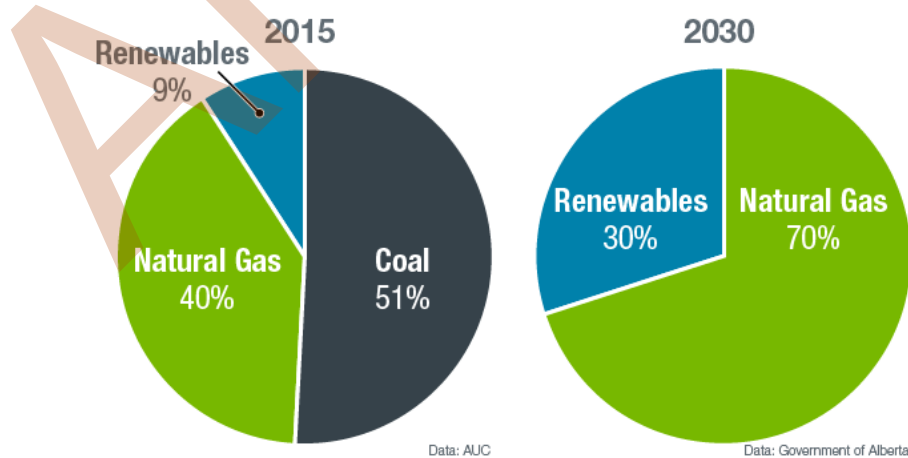
To meet this firm target, investment in Alberta's electricity system will be enabled through a competitive and transparent bidding process, while ensuring projects come online in a way that does not impact grid reliability. Successful projects will be privately funded and supported by reinvesting a portion of carbon revenues from large industrial emitters.

The program will also be tightly integrated with Alberta's initiative to phase out coal pollution to ensure system reliability is maintained at all times.

Economic Impact

The successful projects will be privately funded and will result in new investment of at least \$10.5 billion into the Alberta economy by 2030, with at least 7,200 jobs created for Albertans.

Generation Profile by Energy Produced



Competitive Process

The first competition will see investors bidding to provide up to 400 megawatts of renewable electricity. The competition:

- is open to all renewable technologies, with lowest cost qualified projects receiving support;
- will support an indexed renewable electricity credit payment mechanism;
- requires supported projects to be operational by the end of 2019; offers 20 year contract terms consistent with international norms; and
- requires projects to connect to existing transmission or distribution infrastructure to avoid indirect costs to electricity consumers.

Eligibility

To be eligible for support within the Renewable Electricity Program, projects must:

- be based in Alberta;
- be new or expanded;
- be five megawatts or greater in size; and
- meet the Natural Resources Canada definition of renewable sources.

Successful projects will be privately funded and supported by reinvesting a portion of carbon revenues from large industrial emitters.

For More information

More information about the program is available on the Alberta Electric System Operator website, www.aeso.ca