About TransAlta

A Clean Power Future

• For more than 100 years TransAlta has produced reliable power for Albertans.
• Today, the demand for low-cost and reliable energy is greater than ever – and it must be clean and available at the flip of a switch, 24/7.
• With a mix of hydro, wind, gas, and solar power, TransAlta has the assets and expertise to help meet the demand for clean power, without compromising on reliability.

TransAlta was built by people with great pride in the product we deliver and with the commitment to being a safe and responsible operator and community partner.

TransAlta Values

» Safety
We are committed to the health and safety of our people and those with whom we work. Our facilities are designed and operated with this in mind and this is a principle that is important to us. Everyone who touches our business — employee, contractor, service provider — must go home safely. That’s just what we do.

» Respect
We listen, we are open, we value other perspectives and we treat all equally. In our words and actions, we place a high priority on respect in our workplace and our working relations.

» Leadership
We strive to enhance the quality of life in communities and regions we serve and will lead a clean energy future.
Coal To Gas - Accelerating The Transition

Converting our coal-fired units, starting as early as 2020, creates an efficient and reliable source of energy for Albertans while achieving provincial and federal emission reduction targets.

- Alberta has a commitment to end emissions from coal-fired electricity by 2030.
- One third of the electricity in Alberta currently provided by coal-fired generators will come from renewable energy sources such as wind, solar and hydro. The remainder will largely transition to natural gas.

![Electricity generation in Alberta: 2015 vs. 2030](https://www.alberta.ca/electricity-capacity-market.aspx)

Source: https://www.alberta.ca/electricity-capacity-market.aspx, information provided by the Government of Alberta

Government of Canada

By 2030, 90 per cent of Canada’s electricity will come from non-emitting sources.

- Accelerating the phase-out of coal will result in over five megatonnes of reductions in GHG emissions.
- The Federal government will publish updated coal regulations in the months ahead, to define requirements for coal to gas conversions.
Clean, Reliable & Affordable Electricity

“We continue to position TransAlta as a leader in clean power generation... Our asset base in Alberta is poised to ensure that we can provide low cost, clean, reliable and firm electricity to customers.”

Dawn Farrell, President and Chief Executive Officer

Alberta has a world-class resource base and accounts for almost 80 per cent of the natural gas produced in Canada, making Alberta one of the world’s largest suppliers of natural gas.

» Transition to a clean energy future.
Converting the coal units starting as early as 2020 creates an efficient and reliable source of energy for Alberta while achieving provincial and federal emission targets.

» Value for Albertans, protection for consumers.
Converting coal-fired plants to natural gas will help maintain a reliable supply of electricity and maintain stable pricing for consumers.

» Re-purposing coal plants.
Converting the coal-fired units using existing facilities and transmission infrastructure provides the same generating capacity and helps to reduce costs.