



Fact Sheet | Clover Bar Energy Centre

Facility Details

Location: Alberta, Canada

Year Commissioned: 2008

Owned/Operated: 100/100

Fuel Type(s)



Natural Gas

Owned Capacity

243 MW

Located on the eastern edge of Edmonton, Alberta's capital city, Clover Bar Energy Centre is a natural gas-fired, simple-cycle power generation facility.

Consisting of three units, one nominal 43 MW GE LM6000 turbine commissioned in 2008 and two nominal 100 MW GE LMS100 turbines commissioned in 2009, its power and spinning reserve capacity are sold on the open Alberta electricity market.

Quick Facts

- Three highly efficient natural gas turbines are capable of powering up from standstill to full load in just 10 minutes, giving Capital Power the flexibility to respond to sudden changes in supply and demand
- Higher efficiency of the GE LMS 100 units offer competitive mid-merit capacity and provide Capital Power with additional flexibility to optimize its Alberta power portfolio

Community Investment

We contribute to the communities in which we operate with the focus of building a sustainable future for all. We engage our neighbours, consider their interests and priorities, and build real relationships. We strive to source supplies and services locally for our operations, as well as hire from the community. At the Clover Bar Energy Centre:

- We have five permanent employees and contract the equivalent of an additional 20 full-time workers throughout the year.
- We pay approximately \$3,000,000 in property and linear tax each year, contributing annually to community tax bases, supporting the improvement of infrastructure, roadways, and community services.

We give back where we live and work by supporting local organizations and our employees' community participation through our corporate giving programs.

"Clover Bar provides reliable power for the people of Alberta; and we do so aligned with the expectations of Albertans for environmental and commercial viability."

Mike Taylor
Plant Manager