



## Fact Sheet | Genesee Generating Station Units 1 & 2

### Facility Details

**Location:** Alberta, Canada

**Year Commissioned:** Unit 1 - 1994, Unit 2 - 1989

**Owned/Operated:** 100/100

Located west of Edmonton near Warburg, AB, the Genesee Generating Station consists of Units 1, 2 and 3 which provide over 1,300 MW of baseload generation. Genesee Units 1 & 2 and Genesee Unit 3 use different technologies to provide responsible energy for tomorrow.

Genesee 1 & 2 is subject to a Power Purchase Agreement (PPA) with the Alberta Balancing Pool, which is in effect until December 31, 2020. Under these terms, the Balancing Pool is entitled to the power produced by G1 and G2, up to their committed capacity. Costs associated with compliance with changes in environmental regulation are passed through to the PPA holder under a change of law provision. Generation in excess of committed capacity is managed as part of Capital Power's Alberta electricity portfolio optimization activities. Long-term, contracted cash flows from this project, together with low fuel-supply risks, contribute to the overall financial stability of Capital Power's portfolio of assets. At the facility, Unit 2 was commissioned in 1989 and Unit 1 in 1994.

### Quick Facts

- Excellent operating history and high availability
- Units regularly run at or near full production capacity
- We're maximizing the flexibility of the units to utilize both natural gas and coal as fuel, which reduces emissions and increases flexibility to respond to market conditions

### Community Investment and Involvement

At Capital Power, we contribute to the communities in which we operate with the aim of building a sustainable future for all. We engage our neighbours, consider their interests and build real relationships. We aim to source supplies and services locally for our operations, as well as hire from the community. At the Genesee Generating Station:

- We employ more than 200 permanent employees.
- We pay approximately \$5,986,000 in property and linear tax each year, contributing annually to community tax bases, supporting the improvement of infrastructure, roadways, and community services.

### Fuel Type(s)



Natural Gas



Coal

### Owned Capacity

**860 MW**

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

### Recent community giving:

- Pioneer Agricultural Society Heritage Day
- Community Easter Egg Hunt
- Family and Community Support Services (FCSS) – Volunteer appreciation; Seniors Week; Summer Programs
- Light Up Warburg
- Thorsby Jr / Sr High School Rodeo
- Leduc County's Genesee Park
- Warburg School
- Warburg Family Halloween Dance
- Thorsby & District Malanka Festival
- Warburg Community BBQ and Chili Cook Off

"Genesee Generating Station consists of some of Alberta's youngest and most efficient thermal generations units. This reliable facility supports the Alberta energy market with baseload power supply and contributes to the economic well-being of the community it operates in. Work in recent years to improve plant efficiencies have made Genesee a world leader in the application of existing technologies resulting in a reduction of CO<sub>2</sub> emissions by as much as 10%."

**Sean Furey**  
VP, Solid Fuels