

SODA LAKE: GEOTHERMAL POWER PLANT

- ✓ **Nameplate capacity 23 MW**
- ✓ **Current maximum throughput 16 MW**
- ✓ **30 year power purchase agreement**
- ✓ **Geothermal Reporting Code**
 - **20 MW Reserves**
 - **41 MW Indicated Resources**
- ✓ **Plans to increase plant generation to 37 MW**
- ✓ **Plant refurbishment and upgrades completed**

The Soda Lake Operation is located in the southwest portion of Churchill County, Nevada, approximately 11 km northwest of the town of Fallon and 115 km east of Reno. The Soda Lake Operation consists of 2,881 hectares of private and federal leases.

The Soda Lake power plant is accessible by paved and gravel roads. Two major highways, Interstate 80 and US Highway 50, are located in close proximity to the project area. The power plants and all production and injection wells are accessible on all weather gravel and dirt roads.

The power plant is in close proximity to 120 kilovolt ("kV"), 230 kV and 345 kV transmission lines. Additionally, the area is served by a regional railroad line, which passes immediately to the south.

Soda Lake sells all electricity to NV Energy Company, a wholly owned subsidiary of Sierra Pacific Resources Company, Reno, Nevada, under two 30-year power purchase agreements.

The power plant is comprised of two power producing facilities, Soda Lake 1 and Soda Lake 2, with a total installed gross nameplate capacity of 23 MW. Soda Lake I has an installed gross nameplate generation rating of 5 MW and is equipped with a water-cooled condensing system. Soda Lake II has an installed gross nameplate generation rating of 18 MW and is equipped with an air-cooled condensing system. Soda Lake 1 and Soda Lake 2 came on line in 1987 and 1991, respectively.

A Geothermal Reporting Code estimate was prepared for Soda Lake with GeothermEx acting as the Qualified Person. The recent field optimization study resulted in a comprehensive data set that was used for the reservoir estimate. Proved Reserves of 20 MW and Indicated Resources of 41 MW have now been established for the property. This compares with a previous P90 estimate of the geothermal reservoir's gross generating capacity of 29 MW.

