## North Valmy Generating Station





Location: Near Valmy, Nevada

**Peak Generating Capacity: 522 MW** 

**Plant Description:** The North Valmy Generating Station is a coal-fueled, steam-electric generating plant with two operating units. The plant and complex are jointly owned (50/50) by NV Energy and Idaho Power. NV Energy is the operating company.

Unit No. 1 went into service in 1981 and produces 254 megawatts with a Babcock & Wilcox Boiler and Westinghouse turbine/generator.

Unit No. 2 went into service in 1985 and produces 268 megawatts with a Foster Wheeler Boiler and General Electric turbine/generator.

**Employment:** Approximately 45 employees

## **Interesting Features:**

- The plant can produce enough electricity to serve approximately 315,000 Nevada households.
- The North Valmy station is a zero-liquid discharge (ZDL) facility.
- Coal for the plant is shipped via railroad from various mines in Utah, Wyoming and Colorado.

- The power plant uses a variety of emissions-control technologies including state-of-the art fabric filters that remove more than 99.9 percent of particulate emission. Additionally, a dry sorbent injection system is used on Unit 1 to reduce acid gas emissions, and flue-gas scrubber technology is utilized on Unit 2 for the reduction of sulfur dioxide emissions.
- Valmy Unit 2 was selected by the National Society of Professional Engineers as one of the 10 outstanding engineering achievements in the nation in 1985.
- The company annually provides approximately \$900,000 in tax revenue to Humboldt County that benefits general operations, schools, libraries, and other civic activities.

## **NV ENERGY**

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## **Generating Resources**



