

BOILER OUTAGE & DCS UPGRADE

SIERRA PACIFIC POWER
NORTH VALMY GENERATING STATION
NORTH VALMY, NV



DESCRIPTION

Planned boiler outages for two units and distributed control system (DCS) upgrade.

SERVICES PROVIDED

NAES Power Contractors provided supervision, labor and materials for two major boiler outages (units 1 and 2) for the 522 MW North Valmy Generating Station owned by Sierra Pacific Power. The station produces electricity to meet the needs of 132,000 residential customers.

In order to optimize workflow and minimize outage times, NAES Power Contractors worked on each unit consecutively. The work consisted of repairing the primary and secondary superheat boiler tubes, installing overfire air ports, repairing air heaters, and more.

Additionally, NAES Power Contractors supplied electrical technicians to support the upgrade of the plant DCS.

- Labor, materials and management of boiler outages for two units
- Repaired primary and secondary boiler tubes and installed overfire air ports
- Repaired air heaters, penthouse casing, furnace wall tubes and coal conveyors
- Modified feedwater piping
- Replaced baghouse hoppers, boiler flue and expansion joints
- Modification and replacement of burners

Headquarters

1180 NW Maple Street
Suite 200
Issaquah, WA 98027
425.961.4700

West Coast Office

2130 NE Griffin Oaks Street
Suite 700
Hillsboro, OR 97124
503.681.4664

East Coast Office

167 Anderson Road
Cranberry Township, PA 16066
724.453.2800

Midwest Office

24 W 15th Avenue
North Kansas City, MO 64116
816.472.4300

www.naes.com/npc



NAES Power Contractors provides world class maintenance and construction services for energy facilities, and is a wholly owned subsidiary of NAES Corporation, the global leader in third party power plant operations.