

# STEAM TURBINE INSPECTION

PACIFICORP  
DAVE JOHNSTON PLANT  
GLENROCK, WYOMING



## DESCRIPTION:

PacifiCorp owns and operates the Dave Johnston Power Plant located in Glenrock, Wyoming. The 750 MW coal fired plant contains four GE steam turbines. NAES performed a last stage bucket replacement on the 330 MW Unit 4, and a valve inspection of the 220 MW Unit 3 during the spring 2005 outage cycle.

## SERVICES PROVIDED:

NAES performed the following services on the 330 MW and 220 MW GE tandem compound reheat double flow LP:

- Complete removal and disassembly of the control, stop, blowdown, and combined reheat valves
- Disassembly, inspection and reassembly of the MHC system
- Disassembly of the LP turbine, removal of the rotor and reassembly
- Replacement of both rows of the last stage buckets
- Field machining of the bucket shrouds

NAES also provided the technical direction on each shift during the outage.

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