

STEAM TURBINE GENERATOR INSPECTION

DYNEGY NORTHEAST GENERATION
DANSKAMMER POWER PLANT
NEWBURG, NEW YORK



DESCRIPTION:

Dynegy owns and operates the Danskammer Power Plant located in Newburg, New York. The 501 MW coal and oil fired plant contains four GE steam turbines. NAES performed a major inspection on Unit 3 during the 2006 fall outage cycle.

SERVICES PROVIDED:

NAES performed the following services on a 130 MW GE steam turbine generator:

- Complete disassembly of turbine HP/IP, and LP case, generator and turbine valves
- Removal of rotors and generator field
- Blast clean, NDE and evaluation of steam path components
- Onsite repair of steam path components
- Open case laser alignment of entire steam path
- Furnish three rows of new turbine blading
- Boresonic inspection of rotors
- ID fan replacement

NAES also managed various subcontractors that were needed as unexpected items arose during the course of the project.

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