

HOT GAS PATH INSPECTIONS & STEAM TURBINE MAINTENANCE

TEXAS INDEPENDENT ENERGY
GUADALUPE POWER STATION
MARION, TEXAS

DESCRIPTION:

Texas Independent Energy (TIE) owns and operates the Guadalupe Power Station located in Marion, Texas near San Antonio. This 1,000 MW combined cycle power plant contains four GE 7FA+e DLN 2.6 gas turbines and two 200 MW GE steam turbines. NAES performed two hot gas path inspections and steam turbine remedial maintenance during the spring 2007 outage season.

SERVICES PROVIDED:

Unit 4 gas turbine:

- Compressor R-O blade replacement
- Turbine shell lead repair

Unit 2 hot gas path inspection:

- Turbine bucket replacement
- Realignment of unit including generator
- Compressor section inspection
- Bearing replacements

Unit 3 hot gas path inspection:

- Turbine bucket replacement
- Realignment of unit including generator
- Compressor inspection

Unit 2 steam turbine generator:

- Hydrogen seal replacement

All inspections were completed ahead of schedule and without safety issues.



NAES is a global leader dedicated to adding value by optimizing the performance of energy related facilities. NAES and its divisions and subsidiaries offer a world of services to help make your energy facility work -- better.



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