



## COMBUSTION TURBINES

### TURNKEY INSPECTIONS

Since the beginning of the millenium, TGM has performed turn-key inspections on frame-type Gas turbine generator units built by GE and Westinghouse. TGM supplies the technical direction, project management, project coordination, supervision, labor, tooling, repairs, parts sourcing, and start-up support for these outages, bringing you a total turn-key package. We service the entire turbine generator unit: controls, auxiliaries, gearboxes and generator as well as combustion and hot gas path components.

### SYSTEM IMPROVEMENTS

TGM can also provide the systems expertise and remanufacturing capability to improve your Gas Turbine efficiency and/or emissions profile. We can improve efficiency through re-engineered turbine components, inlet system mass flow enhancement, and compressor efficiency optimization. We can improve the emissions profile through dry emission technology, water injection and catalytic systems.

### UNITS SERVICED

#### General Electric

- Frame 5
- Frame 6
- Frame 7

#### Westinghouse

- 101
- 171
- 191
- 251
- 301
- 501

### INSPECTIONS AND REPAIRS PROVIDED

- Borescope
- Combustion Inspection
- Hot Gas Path Inspection
- Major Inspection
- Forced Outage
- Efficiency Improvements
- Multi-Year Service Agreements
- Re-Engineered Components
- Reverse Engineered Parts
- Unit Installation / Relocation

immediately mobilize all resources necessary to correct the problem, at no cost to you for labor or parts on the deficient work.

### SAFETY, QUALITY, PRODUCTION – IN THAT ORDER!

It's not just a motto, it's an attitude: Safety, Quality, Production – in that Order! Every TGM employee is laser focused on delivering all three benefits on every job.

### INSPECTION + ASSESSMENT

A TGM inspection is more than open, clean, and close. Our quote includes all of the work implicit to your statement of work to achieve a comprehensive inspection – minimizing change order surprises.



### ONE YEAR WARRANTY TGM & TGM SUBCONTRACTORS

It's simple: TGM is so confident in our quality that we can offer a one year warranty of our work, including our TGM contracted suppliers. This means that if you suspect a deficiency in our work on your outage, we will immediately come out to investigate – without your having to issue a new purchase order. If we find that the problem is our responsibility, we will

### SHOP WORK

If turnaround time is a critical factor in your outage, then TGM can perform most machining and rotor repairs, using specialized portable equipment, at your facility. We can also utilize experienced rotor, steam path, and valve shop facilities to perform your repair work at a qualified off-site location. We will work with you during the pre-outage planning process to determine which option is right for you.

24/7 RESPONSE

**800-226-7557**

[www.turbinegenerator.com](http://www.turbinegenerator.com)