



## Partial Job Listing

### **New England Power Co**

- Overhaul and recertify two EMD 2.5 MW reserve power units located at Nantucket Electric Co.
- Provide operation, maintenance, and overhaul assistance for 25 MW candle street plant at Nantucket Electric Co. Cooper Bessemer and Mirrlees Blackstone units.
- Perform failure analysis and overhaul of 7.3 MW Mirrlees Blackstone engine at candle street plant
- Provide ongoing services to EMD peaking units on Nantucket Island.

### **Jenbacher Energie System Ltd.**

- Provide shop services to overhaul and recertify 64 series 3 cyl. heads remanufacture to factory specification.
- Provide shop services for cylinder liner honing and classification.
- Provide field assistance to overhaul 4 1.5MW Jenbacher Cogeneration units at Wellesley College Central Power Plant.
- Provide cleaning and nondestructive testing of turbocharger casings and components

### **Duke Energy**

- Provide installation and start-up services for Solar Turbines driven natural gas compressors. Performed exhaust collector upgrades, lube oil system upgrades and flushing for start-up.

### **Worcester Plaza Associates**

- Provide planned maintenance repair and back up operation support for mall total energy plant including 200 ton absorption chiller and four 350 KW Caterpillar generators with waste heat boilers.

### **Midland Hotel Corp, Peabody Holiday Inn**

- Provide operations, maintenance and repair program for packaged cogeneration unit including two 125 KW caterpillar generators with heat recovery and load sensing controls.

### **Genetics Institute**

- Flush lube oil system, clean and filter lube oil on annual basis. Perform onsite lube oil analysis and provide documented final results. 4.5MW gas turbine cogeneration facility.

### **Massachusetts Water Resource Authority**

- Provide services to overhaul two Fairbanks Morse 38 1/8 opposed piston engines at their Spot Pond pumping facility.
- Provide services to clean (2) 7MW Enterprise R4 units with Louis-Allis generators. Disassembled and clean electrical end provided Hi-Pot. and load testing.

### **Yankee Energy Systems Co**

- Provide services to remanufacture cylinder heads and liners engines at their cogeneration facilities.

### **Cogeneration Management Co.**

- Provide support services for failure analysis of 7.3 MW Mirrlees Blackstone Engine.
- Converted 150,000 gal. Fuel storage tank to temporary plant make-up water storage tank during Y2K.

### **Tufts Medical Center Central Plant**

- Provide services for failure analysis of a 1MW Waukesha emergency generator at their facility.

### **Haynes Corporation**

- Provide mechanical and engineering services to assist in the removal and relocation of 2, 5MW Cooper Bessemer engine generator sets. Units removed from Nantucket Electric on Nantucket Island, MA and shipped to River Falls, Wisconsin.

## **Solar Turbines Inc**

- Perform system start-up lube oil flushes for newly installed units. All piping and component system flushes performed to strict OEM guidelines. Also maintain database of oil sampling and test results for installed units through our oil analysis minilab.
- Support field service group with specialized onsite welding and fabrication services.

## **Stowe Engineering Company**

- Provide mechanical contracting services to complete, and start up a Heat Recovery Steam Generator installation for the Virgin Islands Water and Power Authority, St. Thomas USVI. Services provided included, mechanical services, steel fabrication, equipment installation, equipment testing, hydrostatic testing of boilers and piping systems, velocity flushes of steam and condensate piping, complete chemical cleaning of LP, HP boilers, steam and condensate systems.
- Provide operating engineer support during steam blows and acceptance testing of HRSG installation at VIWAPA.
- Provide mechanical contracting services to install blow down heat recovery system at PWA decor paper manufacturing facility in Fitchburg, Ma. Services provided included certified welding, piping installation, equipment placement, and system start up.

## **Separation Technologies**

- Provide mechanical contracting services to install and maintain a state of the art fly ash separation process at the New England Power 360MW Brayton Point Facility in Somerset, Ma. Services provided included piping systems, rigging and equipment placement, and civil and structural work.
- Provide ongoing support services to insure operation of facility.

## **New England Power Co.**

- Provide services to design and install jacket water heating systems on three base load diesel generators, including circ. pumps, piping, and electric heating units.
- Provide mechanical contracting services to rig out, hydro test and repair jacket water-cooling radiators at the Nantucket Electric facility. Project included certified structural welding to repair enclosure damage.
- Providing operation and maintenance services for 13 units consisting of 30MW of peaking and standby power.

## **Boulos Property Management**

- Retrofitted heating and cooling piping in 9 story commercial building. Ten riser systems replaced with a cost effective solution using AquaPex tubing. Work performed after hours with minimal demolition required.

## **Yankee Energy Services Co**

- Provide mechanical services to install a 200KW ONSI manufactured fuel cell at the Army R&D facility in Natick, MA. Services included design integration of waste heat to the central heating plant condensate system. Equipment placement and rigging, piping systems, insulation, start-up services.

## **Energy USA**

- Provide services to install welded orifices plates and DP metering devices to monitor steam flow from steam plant to various buildings.
- Provide services to perform replace over 60 steam traps during one-day building shutdown at government building.

## **M&R Dorsey Construction**

- Provide mechanical services to design and install large in floor radiant heat systems for residential and commercial buildings. Mechanical services also included complete heating systems and piping.

## **WISVEST Conn. Newhaven and Bridgeport Harbor Stations**

- Perform annual USCG hydro testing of fuel piping systems from loading dock to tank farm.

## **USCG Support Center, Boston**

- Perform various mechanical tasks aboard vessels. Off loading fuel and certifying tanks safe

for hot work. Tank and piping flushes. Heat exchanger cleaning and hydro testing.

**L-Energia Combined Cycle Plant, Lowell**

- Provide outage services including chemical piping flushes and mechanical repair during scheduled and emergency outages. 65MW combined cycle facility.

**Connecticut Light and Power**

- Performed hydrostatic testing of 7 million gallon fuel storage tank following floor replacement.

**Exxon Co, Everett, Ma**

- Performed testing and retubing of large heat exchanger for asphalt operation.

**Trigen Energy Corp, Boston**

- Performed heat exchanger services including cleaning, testing and repair of fuel oil heaters.