



## Job Description – O&M Technician

Position Title: O&M Technician

Classification: Non-Exempt

Reports To: General Manager

Revision Date: 7/20/2020

### Position Summary

Rocky Road Power is a natural gas-fired generating station located in East Dundee, Illinois. This position involves the operation and maintenance of combustion turbine generators and associated electric generation equipment. This position requires the ability to learn and perform as a multi-craft skilled technician and plant operator. The selected candidate must have the ability to learn basic electrical, instrumentation/control, and mechanical maintenance.

### Essential Job Functions

- Assisting with various mechanical maintenance duties including predictive maintenance, replacement of filters, gaskets, valve packing, pump alignment, compressors, bearing repacking, and rigging
- Wiring and disconnection of motors, replacement of thermocouples and fuses, pulling wire, and performing electrical checks
- Operating, maintaining, and monitoring combustion turbines, 13.8 kV generators and electric generation balance of plant equipment, including start up and shut down of plant equipment
- Understanding NERC regulations and guidelines when operating combustion turbines
- Reading mechanical flow diagrams, electrical on-line and wiring diagrams
- Ordering parts and assisting with inventory control and maintenance
- Applying safe work practices and participating in the station's safety tagging and maintaining of records
- Familiar with all forms of instruments and valves. Familiar with HART communicators and their uses/functions
- Familiar with calibration procedures and their documentation

### Qualifications

- Required - high school diploma or equivalent; preferred - an Associate's Degree in Electronics Technology
- Required - 2 years in a Power Plant Environment; preferred - 5 years in a Combustion Turbine Power Plant
- Technical competence (understand software, hardware, networks, etc).
- Must have legal authority to permanently work in the U.S.

### Additional Functions

- Able to lift 60 lbs, climb ladders, scaffolds, work in tight places
- Able to work 12+ hours, up to 7 days week when required.
- Able to read P&IDs, location drawings, I/O lists, etc
- Ability to learn and understand Siemens TXP DCS, Turbine Control, PLC, other Control Systems and serial communications systems, including fiber optics



## **Job Description – O&M Technician**

- Works under the general direction of the site Lead O&M Technician
- Read, record and operate plant instrumentation and control devices for the purpose of recognizing any abnormal plant conditions and take appropriate corrective actions
- Remove / install / calibrate / troubleshoot various Transmitters, Transducers, Meters, Relays, Switches, Instruments, Systems, Devices, etc.
- Safe and Proper use of Multi-Meters and Signal Sourcing devices, Deadweight Testers, Oscilloscope, line and Wire Tracers and other calibrators/devices, etc.
- Troubleshooting Electrical Problems - Switch Gear, Control Panels, Transformers, Relays, Motor Starters, Breakers, Control Wiring, etc.
- 
- UPS Systems - Battery, charger systems, system troubleshooting, etc.
- Pneumatic and motor operated valve & actuator testing, rebuilding / repairing, etc
- Knowledge of or previous exposure to electric generating equipment
- The ability to read and interpret mechanical flow diagrams and electrical wiring diagrams
- The ability to function as a team member with other managed power plants in the portfolio
- The ability to work day/evening shifts to accommodate plant operations schedules
- The ability to use a variety of tools to facilitate the repair and maintenance of equipment
- The ability to climb steps and ladders required to perform essential functions of a job
- The ability to read, write, speak, and understand English
- The ability to work in cold, confined spaces, heat, loud noise, operating machinery
- Performs other duties necessary to fulfill plant requirements
- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Qualified candidates should send their resumes to [Careers@cogentrix.com](mailto:Careers@cogentrix.com).