



Title: Maintenance Lead
Location: Brea, California, United States
Function: Operations
Details: Hourly, Full Time

EDL owns and operates a global portfolio of power stations in Australia, North America and Europe. Our vision is to be the leading global producer of sustainable distributed energy. At EDL, we are playing a key role in the world's transition from traditional energy sources to decarbonised solutions.

Reporting to the Operations & Maintenance (O&M) Manager, the Maintenance Lead will oversee the routine and major maintenance activities while providing the safe and efficient operation of the power plant facility, serve as the primary interface between the maintenance and other departments, work with and independent of Management to ensure the safe maintenance and overall compliance, goals, functionality and performance aspects of EDL's Brea Power II facility. The facility is a combined cycle gas turbine power plant, consisting of various HMI control systems, four (4) Solar Taurus 60 gas turbines, a Dresser-Rand 10 MW full condensing steam turbine, heat recovery steam generators (HRSG's), cooling towers, chillers, air compressors, land fill gas compression and conditioning plant, gas flares and various related ancillary equipment.

Key Responsibilities

- Responsible for safely carrying out the ongoing maintenance and overhauls of the equipment at the Brea Power II facility under the direction of the O&M Manager
- Support development and implementation of company annual HSE plans, goals, and strategies for improving safety and environmental performance, along with response roles to incidents
- Assist in development and training of staff, new employees, contractor orientation and qualification.
- Assure that all work being planned or performed in the facility is compliant with companies safe-work policies and procedures, including work permits and JSA's.
- Utilization and ongoing development of PI and other historian type databases, CMMS programs, along with other systems and sources of information to monitor and improve operability, reliability, efficiencies, and costs from a granular and overall perspective to meet the facility goals.
- Direct the activities of contractors to ensure compliance with drawings, specifications, and assist in the managing, coordination, and oversight of contracted labor.
- Responsible for troubleshooting plant issues, using technical knowledge and information systems in determining cause of failures and course of actions for resolution.
- Improve and refine methods, processes, procedures, descriptions, diagrams and other documentation as part of the ongoing continuous improvement programs.
- Participate in the selection, utilization and management of consultants, engineers, vendors and contractors.
- Proficient with using fluke meter and other test equipment to calibrate and repair plant instrumentation and electrical circuits diagnosing the cause of instrument malfunctions and electric system malfunctions of equipment such as transmitters, transformers, relays, switches, and generator monitoring and controls systems, motors, medium and high voltage distribution systems and monitoring devices.
- Proficient at troubleshooting and inspecting programmable logic controllers, distributive control systems including control card replacement and wiring terminations.

- Proficient at troubleshooting, inspecting, and maintaining mechanical systems/equipment, including turbines, pumps, compressors, gearboxes, valves, piping, hydraulics, filtration, heat exchangers, water treatment systems and chillers.
- Provide in-depth RCA's into problem areas and, in working with management and staff, form coordinated and effective solutions or upgrade projects to improve costs, operational, maintenance and compliance expectations and conformance with good sound engineering practices.
- Assist the O&M Manager in prioritizing work, carrying out directives, improving systems, preparing for outages and coordinating activities required within the various departments.
- Assist with the duties and responsibilities of the O&M Manager during routine or extended absences. Performs other duties and administrative tasks as assigned by the O&M Manager.
- Assist in planning proper maintenance programs, overhauls and unplanned repairs of plant systems and equipment.
- Keep others informed of unusual plant conditions and job progress/status.
- The above is a general overview of duties and responsibilities, which is not meant to be all inclusive and subject to change as the facility's needs evolve and change

Qualifications and Experience

- High School Diploma or GED and a minimum of five (5) years practical power plant or industrial experience. Prefer a bachelor's or master's degree in chemical, mechanical or electrical engineering and certified professional engineer (PE) credentials with a minimum of two (2) years practical power plant or heavy industrial experience.
- Experience with equipment and systems of a combined cycle power plant, including turbines, generators, boilers, compressors, chillers, rotating equipment, electrical equipment, control systems, water treatment and testing equipment.
- Strong written, mathematical and verbal communication skills.
- Intermediate computer skills with proficiency in Microsoft Office Suite with specific emphasis on Excel (including PI) and Word.
- A good aptitude for general engineering concepts and principles in the field of hydraulics, water chemistry, rotating machinery, boilers, electrical, controls, instrumentation and condition-based maintenance processes.
- Strong technical knowledge and skills in power plant theories, systems, equipment and operations.
- Willing to work overtime, be on call for emergencies and work flexible work hours from time to time.
- Must be self-motivated and able to work independently as well as a team member.
- Must maintain a good rapport with superiors as well as co-workers and contracted labor so as to foster a team environment.
- Must have or obtain a valid California State Driver's License

EDL is committed to creating a diverse and inclusive environment and is proud to be an equal opportunity employer.

To apply, please send your current resume to employment@edlenergy.com, referencing the title of this role.

Applications open until filled.