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OPERATIONS ENGINEER

We are looking for an experienced and motivated Operations Engineer to join our rapidly growing team, which typically operates and maintains reciprocating gas engine or battery storage plants between 2- 50MW at 11kV grid level, with a number of larger plants 20 - 34 MW at 33kV, 66kV and 132kV grid level. Conrad Energy's Operations Engineers are responsible for safe and efficient operation and maintenance of our flexible power generation plant and associated equipment.

With extensive, hands-on experience of operating and maintaining embedded power generation plants and mechanical or electrical maintenance in an industrial / power generation setting, including practical knowledge of maintenance, and troubleshooting of assets, applicants will have the ability to work both individually and as part of a wider team. The role also requires existing experience of asset optimisation and supervising third party contractors or other engineers. Knowledge of flexible embedded power generation projects, including reciprocating gas engines, solar and battery energy storage projects and use of asset management software and systems would be an advantage.

Applicants will need to hold a driving license and have the ability to travel as our sites are across the UK. Location to be agreed.

About Conrad Energy Ltd

Conrad Energy is the power company of the future, supporting critical national infrastructure through delivering flexible generation when it's needed most in support of a low carbon power grid dominated by renewable energy. Our growing team also deliver optimal power solutions for corporate clients from a range of complementary technologies and apply strategies tailored to customer requirements.

Radically transforming the way the energy market works, Conrad Energy is the largest provider of flexible generation in the UK. We now have a combined installed capacity of 600MW across 45 sites with over 100 experts dedicated to supporting critical national infrastructure and the UK's energy transition to a low-carbon economy.

A full-service Independent Power Producer (IPP), Conrad Energy is focused on meeting the growing demand for balancing services in the UK electricity market through the development, construction and ownership of natural gas fired peaking engine plants and battery storage systems. The management team has vast experience in this field, and we have strong financial backing to grow a premier generation business.

We are based in Abingdon, Oxfordshire and our projects cover the UK.

We require a number of Operations Engineers in various locations across the UK covering the North West, North East, East Midlands, West Midlands South East and South West.



Main Job Tasks and Responsibilities

- To carry out all your duties with health and safety as number one priority. Responsibilities for your own Health and Safety, for the Health and Safety of your work colleagues and any others who may be affected by the operations under your responsibility or control.
- Ensure that plant and equipment is run efficiently and safely as scheduled by the trading team and in accordance with H&S systems / procedures, including technical OEM operating literature. To operate and maintain and identify the efficiency of the sites' flexible power generation equipment, carrying out necessary repairs as required.
- Optimisation of plant availability and uptime at specific sites, attending site for unplanned breakdowns to bring plant on line with minimal downtime.
- To carry out daily (as necessary) reporting on the status of the sites flexible power generation equipment, ensuring plant records and spare parts are always managed and up to date, using the designated company IT systems to do this. Responsible for the upkeep of all tools and equipment issued or on site.
- Identification and resolution of problems, escalation to management in a timely fashion. This includes both safety observations / near misses / NCRs, and technical issues with the plant.
- Good communication and management of information from specific sites and assets to the central Operations Desk of changes to availability, test runs etc.
- Management and supervision of external suppliers and contractors working on specific sites.
- To support the handover of newly constructed sites into operations, providing Operations Input at site level during commissioning and performance testing.
- To share responsibility for call out cover, and where necessary, attend site for unplanned breakdowns to bring plant online with minimal downtime.
- Adherence to all Company Policies & Procedures (including but not limited to) those specified in the Employment Handbook, H&S Policy, Environmental Management Systems, Integrated Management Systems, Management Guide and any financial/accounting systems.
- Apart from the duties summarised in your Role Profile, the company reserve the right to include other reasonable duties which are part of, and incidental to, this type of work.

Knowledge

Essential: A detailed understanding of MWM, Jenbacher, Siemens, MTU, Cummins or CATERPILLAR gas engine management and control systems, and operation and maintenance of such plants.

Desirable: Knowledge of three phase electrical systems. Understanding of other Engine Management systems. Knowledge of operating battery energy storage systems (BESS).

Skills

Essential: Computer literate, basic working knowledge of CMMS and Microsoft Office. Working knowledge of tuning / adjusting A/F ratio settings on gas engines. Good mechanical/electrical fault diagnosis. Resilient and self-motivated. Calm under pressure. Able to work as part of team and under own initiative. Motivated self-starter.

Experience

Essential: Have detailed experience of Internal Combustion Engines, to include base-load and flexible power generation plant and equipment

Desirable: A working knowledge of CMMS operations. A working knowledge of solar and BESS operations.

Qualifications

Essential: Educated to at least ONC level or equivalent, or qualified by experience (for example, time-served) in Plant Engineering or relevant discipline. Current full driving licence

Desirable: CITB Competence Scheme Card IOSH Working Safely

More information can be found at www.conradenergy.co.uk

Please send your covering letter and CV to info@conradenergy.co.uk
