



Job Description

Operations Engineer

Conrad Energy is a young Independent Power Producer (IPP) 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 and we have strong financial backing to grow a premier generation business. Our head office is in Abingdon, Oxfordshire, although the work base for the role is flexible, with travel to site expected on a weekly basis.

Conrad Energy's operations team is now seeking an experienced operations engineer to support our growing portfolio of gas-fired and battery storage projects across the UK. We are currently constructing and operating a portfolio of 145MW with one site fully operational at 20MW, and a further 5 sites totalling 30.5MW in commissioning and performance testing.

This role entails:

- Being a safety advocate, projecting and expecting the highest standards of operational health and safety. Always.
- Working closely with the Senior Operations Engineer, and third-party service providers to plan, coordinate and perform timely maintenance activities on all Conrad Energy generating assets.
- Fault finding and troubleshooting generation assets throughout the Conrad Energy portfolio.
- Zealous pursuit of operational excellence including generated output, reliability, efficiency, availability, safety and the environment.

You will have:

- Extensive, hands-on experience of reciprocating gas generators, including extensive knowledge of maintenance and troubleshooting of assets.
- Experience of asset optimisation.
- The ability to work individually and as part of a team in a start-up environment.
- Driving license and ability to travel.
- Knowledge of peaking engine projects and asset management software and systems would be an advantage.
- Experience supervising third party contractors or other engineers.

We can offer:

- Competitive salary package
- A discretionary Company bonus scheme
- A supportive and dynamic working environment.
- Career development in an ambitious company run by experienced industry experts with strong financial backing

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| Job Title: | Operations Engineer |
| Main Purpose of Job: | To operate and maintain Conrad Energy's Power generation portfolio across UK sites |

Relationships:

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| Responsible to: | Senior Operations Engineer |
| Responsible for: | Maintenance contractors, other contractors performing works in relation to asset management |
| Liaison with: | Maintenance Team Office Staff Senior Management Sub-contractors Suppliers Security provider |

Main Tasks of Job:

To operate and maintain Conrad Energy's power generation portfolio across various UK sites including but not limited to the following disciplines, attributes and responsibilities:

Safety

- To lead by example in displaying excellent health and safety culture throughout the organisation, supporting management in ensuring compliance with health and safety, quality and environmental legislation and company management systems.
- Induction and control of contractors, approving safe systems of work and ensuring that they undertake tasks completely and safely and are recorded.
- To remain aware always of responsibilities for your own Health and Safety, those directly responsible to you, your work colleagues and any others who may be impacted by the operations under your responsibility or control.

Performance

- Optimise inventory to ensure site stock and consumables are maintained to an appropriate level.
- Assist with planning and scheduling periodic maintenance, work orders and defect rectification to maximise gas utilisation, electrical output and plant availability.
- Supervision of external contractors, on occasions working alongside them on specific tasks for which they have been appointed to perform.

- Assist with management and maintenance of all associated equipment and keep accurate maintenance records up to date, including computerised maintenance management software (CMMS).
- Deputise for the Senior Operations Engineer during times of absence, and where necessary delegating tasks and instructions to the maintenance team and or contractors.
- To share responsibility for call out cover, and where necessary, attend site for unplanned breakdowns to bring plant online with minimal downtime.
- To ensure effective communication is maintained between team members and colleagues from wider areas of the business, by handling mobile communications such as phone calls and emails.
- Reviewing engine and plant performance data and business Key Performance Indicators and providing feedback to the Senior Operations Engineer and management.
- Regular use of computer software (Engine Management Systems, CMMS, Microsoft Office).

Technical

- Operation & routine planned maintenance of natural gas fuelled spark ignition reciprocating engines and electricity generating sets (typically V12's, V16's & V20's) from manufacturers such as MWM/Deutz, Jenbacher, MTU, Cummins & Caterpillar.
- Provide mechanical/electrical bias to the role including basic electrical maintenance, fault finding and testing skills.
- Bring monitoring, fault-finding and troubleshooting skills to the maintenance team and acting on information received, maintain operational efficiency including the implementation of short-term remedial measures where necessary.
- Operation & routine planned maintenance of process instrumentation and controls and ancillary equipment.
- Keeping up to date with emerging applicable legislation, technology and good industry practice.
- other reasonable duties which are part of, and incidental to, this type of work.

Knowledge, Skills and Experience:

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| <p><u>KNOWLEDGE</u></p> <p>Essential A detailed understanding of MWM, Jenbacher, MTU, Cummins or CATERPILLAR gas engine management and control systems, and operation and maintenance of such plants.</p> <p>Desirable Knowledge of three phase electrical systems Understanding of other Engine Management systems.</p> | <p><u>SKILLS</u></p> <p>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</p> |
| <p><u>EXPERIENCE</u></p> <p>Essential Have detailed experience of Internal Combustion Engines, to include base-load power generation plant and equipment</p> <p>Desirable A working knowledge of CMMS operations</p> | <p><u>QUALIFICATIONS</u></p> <p>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</p> <p>Desirable CITB Competence Scheme Card Gas Safe Registration IOSH Managing Safely</p> |