



About Us

Established since 1929, ALVANCE British Aluminium, part of the GFG Alliance, owns and operates the last remaining aluminium production plant (smelter) in the UK and a connected hydropower electricity generation station located on the slopes of Ben Nevis, Britain's highest mountain. A combination of renewable energy sources makes this site one of the greenest metal production plants in the world.

Role Objective

The primary purpose of the Power Plant Controller role is to ensure the safe, reliable, and efficient operation of the Power Station. The role is responsible for monitoring and controlling power generation, maintaining compliance with operational and contractual requirements, and coordinating closely with onsite operational teams, technical specialists, and external stakeholders to support continuous plant performance.

Duties & Responsibilities

- Monitor and control Power Station generation output, regulating generator performance to meet the auxiliary load demands of the Lochaber site and support the aluminium smelting process.
- Switch AC generation systems in and out of service as required.
- Switch process rectification units in and out of service.
- Restore generators and rectification systems following plant or station trips, ensuring a safe and timely return to operation.
- Maintain effective communication with Grid Control regarding operational activities, generation levels, and network requirements.
- Monitor loading on incoming 33kV supply lines.
- Monitor site import and export levels, adjusting generation and site load to meet agreed power requirements.
- Implement import and export strategies in line with directives from the Power Purchasing Department.
- Record and maintain daily meter readings and operational data.
- Monitor and record tailrace levels and water flow to support efficient hydro generation operations.
- Liaise with contractors working on site, reviewing method statements and risk assessments where required.
- Control of operational activities taking place within the Power Station.
- Record and report accidents, incidents, and near misses within the company management database.
- Basic daily Generator Preventative maintenance.
- Ensure compliance with all relevant safety, environmental, operational, and regulatory requirements.



What we are looking for:

- Having qualifications in a relevant Engineering discipline is advantageous.
- Isolation officer training will be provided.
- Good communications skills required.
- Ability to work independently and as part of a team.

Hours of Work

Shift Pattern: 3 days on, 2 days off, 3 nights on, 7 days off

Benefits and Reward

We can offer you the opportunity to be part of a strong and talented team, taking part in rewarding work, with supported learning and development, along with an excellent work-life balance.

For your commitment, drive and outstanding performance you will be rewarded with:

- Competitive Salary
- Shift Allowance
- Bonus - 10% of basic salary up to two times the target
- Overtime available at 1.5x basic rate
- All specialised training provided
- Company pension contribution from 4% up to 9%
- AVIVA Life Assurance (*6 times the salary*)
- BHSF Cash Health Care Plan or AVIVA Private medical insurance plus Dental Scheme
- Onsite gym and access to a variety of employee wellness initiatives
- Employee Assistance Programme
- Education Support Grant, £1000 for each child in university paid annually
- Cycle to Work Scheme
- Recommend a Friend Scheme
- Employee Reward and Recognition Programme
- Employee Discounts – Local Discounts (Home Heating Oil) Highland Highlife, Highland Cinema, Cotswold Outdoor and more), Inclusive rewards (Salary sacrifice scheme, discounts - Argos, Currys, Costa, M&S, Boots, Travel and more, cashback)
- Family Fun Events for staff and families

To make your application, or for more information and to apply, please email lochabercareers@alvancegroup.com