

Internship – Control Room Operations

The Control Room Intern will assist in monitoring and operating renewable energy assets, such as Wind Farms, Solar PV Farms and Battery Energy Storage Systems. This internship provides hands-on experience in real-time operations of the renewable energy generation units.

Key Responsibilities

- Monitor Energy Systems:
 - Assist in remote monitoring of GPG assets from the Control Center in Canberra (APREC (Asian Pacific Renewable Energy Center)), in accordance with the requirements of AEMO (the Australian Energy Market Operator), National Electricity Rules (NER), **safety requirements**, performance maximization, all following procedures and equipment manuals.
 - Support execution of required actions to action alarms, un-availabilities, under-performance or other deviations.
- Data Collection and Procedure Development:
 - Analysis of data from SCADA systems and Market Overview Tools.
 - Collaborate in procedure development related to Control Room activities.
- Troubleshooting
 - Monitoring weather forecast systems and issuing alerts
 - Liaising with IT support to manage the availability of essential software and hardware systems used by the Operations Control Centre team
- Safety Compliance: Ensure that all the general health and safety criteria and regulations defined by the Group are met in the working environment and, in particular, within the scope of specific functions and competences, by carrying out any actions assigned or deemed necessary for safety and the prevention of accidents
- Reporting:
 - Supporting Daily Reporting activities and other reporting collaborations
 - Performance Analysis
 - Maintenance of records and registers associated with the Operations.

Qualifications

- Education: Currently enrolled in a relevant degree program (e.g., Electrical Engineering, Renewable Energy, Environmental Science).
- Skills: Strong analytical and problem-solving skills, attention to detail, and ability to work under pressure.
- Communication: Excellent verbal and written communication skills.
- Technical Knowledge: Basic understanding of energy systems and control room operations is a plus.

Benefits

- Hands-On Experience: Gain practical experience in the renewable energy industry.
- Mentorship: Work closely with experienced professionals and receive guidance and mentorship.
- Networking: Opportunities to network with industry experts and professionals.

Duration: 480hrs