



Utilities Engineer

About Brisbane Airport Corporation

Brisbane Airport Corporation Pty Limited (BAC), the operator of Brisbane Airport (BNE), is a proud, private, un-listed Queensland company, employing thousands of Queenslanders and creating economic opportunities for the state and city of Brisbane equating to more than \$4 billion annually.

Operating 24 hours a day, seven days a week, BNE has two major Terminals accommodating 33 airlines flying to 83 domestic and international destinations. It is a suburb in its own right, the largest capital city airport in Australia by land size (2,700 hectares) and the third-largest airport in Australia by passenger numbers with more than 23.4 million passengers travelling through the airport in FY18.

More than 425 businesses are located at BNE, servicing a diverse range of industries offering services such as freight and aircraft handling, warehousing, transport and communications, manufacturing, research, property and infrastructure development, education and training, recreation, tourism, accommodation, leisure and retail. Collectively these businesses employ nearly 24,000 people, a number expected to exceed 50,000 (the size of a regional town) by 2034.

With passenger numbers forecast to more than double by 2034, since FY12 BAC has invested \$1.7 billion building critical infrastructure, with a further \$1.8 billion worth of infrastructure to be delivered between FY18 – FY22.

Projects to be delivered include a new runway, new multi-level car park and walkway facilities, road terminal expansions, terminal redevelopments, new apron and taxiways, road and cycling path upgrades and a number of new commercial buildings.

About the Position

Reporting to the Energy & Utilities Manager the Utilities Network Engineer will be responsible for providing utilities management services and for the delivery of a reliable network metering and billing process for all Utility services at BAC and ensure that work is performed efficiently and in conformity with the required technical, regulatory and safety standards.

Key deliverables associated with this role include asset management, budget management, staff and or contractor supervision, and timely implementation of key activities as well as stakeholder relationships.



Utilities Engineer

Tasks and Responsibilities

Role Specific

- Investigate, develop and implement Utility Energy metering processes in liaison with respective energy consultants under general guidance and minimal supervision and in accordance with the BAC Metering Policy
- Direct the work of contractors or staff in the implementation of energy management projects
- Identify energy savings opportunities and make recommendations to achieve more energy efficient operation of BAC assets
- Participate in the recommendation of sound policies directed toward energy conservation
- Assist in budget formulation
- Liaise as necessary with Commonwealth, State and Local Authorities
- Build and maintain communication and collaborative partnerships with internal departments, customers and applicable external agencies to facilitate achievement of the Asset group's objectives
- Manage the implementation of a network metering strategy in line with approved Business Plan
- Support external energy consultants in the assessment and monitoring of the BAC utilities billing system
- Carry out analysis of utilities consumption and costs data
- Update monthly utilities finance reports and liaise with the Finance Team
- Analyse and resolve tenant enquiries for the BAC Property and Retail Teams
- Assist the Airport Facilities and Property teams with NABERS reporting and data provision
- Support the delivery of the Division's business plan through the development and implementation of operational plans that support the corporate purpose and vision by growing shareholder value
- Manage the applicable approved budget and compliance with all relevant consultancy agreements
- Participate in the implementation of business strategies and plans as part of the BAC Management Team. Management/coordination of third party contractors/consultants as required

Experience & Qualifications

Essential

- Graduate qualifications in electrical and or mechanical engineering
- Ability to develop and utilise complex models to prepare forecasting and analysis
- Minimum of 3-5 years' experience in the workplace

Preferred

- Sound knowledge of the metering and billing industry



Utilities Engineer

- Qualifications in economics or finance related studies
- Greenhouse / NABERS reporting
- Experience with High Voltage maintenance and switching procedure's
- Good understanding of Programmable Logic Controller (PLC) operation

Knowledge & Technical Proficiency

- Knowledge of engineering techniques in the areas of buildings energy, water supply, Trade Waste and sewerage
- Knowledge and experience in Risk Management, Quality Systems auditing, and the facilitation and evaluation of engineering studies
- Intermediate to advanced knowledge and skills in using relevant Microsoft programs
- Understanding, occupational health and safety legislation and Australian Standard contract conditions is desirable
- A thorough understanding of the energy market and legislation surrounding energy efficiency and carbon reduction principles
- Knowledge of Regulatory framework and regulations associated with the operation of embedded networks – and the obligations imposed on operators of such private networks
- Understanding of the National Electricity Rules and Metrology Rules as they relate to QLD operations
- Good working knowledge of electricity industry sector, including metering, billing processes, and electrical regulatory environment in Queensland
- Good high level knowledge of meter to bill processes within the electrical energy market
- Sound knowledge and experience with the implementation of alternate means of electrical power generation

This is an opportunity to join a company which is already a leader in its field in Australia and use your skills, experience and enthusiasm to help continue our successful growth. BAC is a forward-thinking organisation, which is supportive of innovation and has a unique positive working environment.

Please note, Brisbane Airport Corporation reserves the right to close the applicant portal prior to the listed closing date.

If you believe you have the drive and experience to succeed in this exciting role, [please click apply.](#)

www.bne.com.au