



Tarong Power stations

about stanwell

Stanwell Corporation Limited (Stanwell) is an energy business with a diversified portfolio of electricity generation facilities throughout Queensland. We are a major provider of electricity to Queensland, the National Energy Market and large energy users throughout Australia.

Stanwell operates two of Queensland's youngest and most efficient coal-fired generation assets, Stanwell Power Station west of Rockhampton and the Tarong power stations and Meandu Mine near Kingaroy. Stanwell also owns and operates Mica Creek Power Station near Mount Isa. We are owned by the people of Queensland. Providing a secure, affordable and sustainable supply of energy for all Queenslanders is at the core of everything we do.

Tarong Power Station

Capacity	1400 MW
Powered equivalent	14 million light bulbs
Commissioned	1984–1986

Tarong North Power Station

Capacity	443 MW
Powered equivalent	4.43 million light bulbs
Commissioned	2003

About Tarong Power Station

The 1400 megawatt (MW) sub-critical Tarong Power Station is 45 kilometres south east of Kingaroy in the South Burnett region of Queensland.

Construction of the four 350 MW unit power station began in December 1979, with the first power unit commissioned in May 1984. During the next two years, a further three units were successfully commissioned.

About Tarong North Power Station

Commissioned in 2003, Tarong North Power Station is adjacent to Tarong Power Station.

Tarong North is a single 443 MW advanced cycle coal-fired unit, which uses supercritical boiler technology, making it one of the most efficient fossil-fuel power stations in Australia.

The supercritical boiler design increases efficiency and reduces emissions by using higher steam pressures and temperatures, which convert more of the heat energy from the coal into electrical energy.

Fuel supply

The adjacent Meandu Mine, also owned by Stanwell, supplies coal to both power stations via a 1.5 kilometre conveyor. The mine has enough coal reserves to supply the Tarong power stations for many more years.

Environment

Low nitrogen oxide (NOx) burners, bag filters, electrostatic precipitators, diligent monitoring and an efficient operating regime are some of the key controls in operation across the Tarong generating units that help to minimise the environmental impact of power station emissions.

These controls help to ensure that environmental compliance requirements, which include regulator-issued, national, state and local air and water quality standards are being met.

Air modelling studies have shown that low NOx burners installed in all generating units at Tarong have significantly reduced NOx emissions.

Particulates including ash and dust emissions are managed within set limits via electrostatic precipitators at Tarong and bag filters at Tarong North.

Stanwell is committed to efficiently and effectively meeting all environmental compliance obligations at the Tarong site.

Community

The Tarong Power stations are committed to being an active member of the South Burnett community and every year we contribute to the region through our social investment and community engagement activities.