



Swanbank E Power Station

about Stanwell

Stanwell Corporation Limited (Stanwell) is a diversified energy company. We own coal, gas and water assets which we use to generate electricity for the National Electricity Market (NEM), we sell electricity directly to industry customers and we trade in gas and coal.

With a generation capacity of more than 4000 megawatts, Stanwell is the largest electricity generator in Queensland. The business is able to help supply Queensland's energy needs through coal, gas and hydro-electric generation at seven geographically dispersed sites.

Swanbank E

Capacity	385 MW
Powered equivalent	3.85 million light bulbs
Commissioned	2002
Cold storage	Dec 2014 - Jan 2018

About the power station

Swanbank E Power Station, located 10 kilometres south of Ipswich in South East Queensland, is a highly-efficient gas-fired power station.

The 385 MW power station features the Alstom GT26 gas turbine—the largest gas turbine in Australia at the time of its commissioning in 2002.

This turbine has set a world record of 254.8 days of continuous operation. Using highly efficient combined cycle technology, waste heat from the gas turbine is used to generate additional electricity via a second turbine at no extra fuel cost.

In January 2018, the power station was returned to service after being in cold storage for three years. The decision to return Swanbank E Power Station ensures there is additional generation in the market to meet the demand for electricity.

Fuel supply

Swanbank E gets gas via the Roma to Brisbane Pipeline, from multiple sources including coal seam methane fields in South West Queensland.

Environment

When in operation, The environmental impact of operations at Swanbank E Power Station is managed through a comprehensive Environmental Management System, certified to the international environmental standard ISO 14001.

Community

Swanbank E Power Station continues to support the growth of the region as well as providing a reliable electricity supply for the state.

