



Mackay Gas Turbine

About the power station

The Mackay Gas Turbine is a diesel powered, remotely operated generator which currently primarily participates in the frequency control markets of the National Electricity Market (NEM). The Mackay Gas Turbine also participates in the energy market as required.

As its primary purpose is to provide frequency services, Mackay Gas Turbine is occasionally required to generate in order to support the restoration of balance between demand and supply, which in turn brings system frequency back within its normal operating range. Dispatch of the Mackay Gas Turbine is usually triggered by a unit trip (loss of supply) somewhere in the NEM.

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.

statistics

Capacity	34 MW
Powered equivalent	340,000 light bulbs
Commissioned	1975

