



Mica Creek 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.

statistics

Capacity	218 MW
Greenhouse gas savings	437,000 tonnes per year
Powered equivalent	2.4 million light bulbs
Commissioned	1960
Cold Storage	Feb 2016 - mid 2017

About the power station

Mica Creek Power Station, six kilometres from Mount Isa, is in the heart of Queensland's North West Minerals Province.

First commissioned in 1960, with 12 subsequent units commissioned, Mica Creek was originally coal-fired. However, a project to expand and convert the power station to gas-fired combustion was completed in 2000.

Fuel supply

Mica Creek sources gas from the south-west Queensland fields via the Carpentaria Gas Pipeline.

Environment

Three of Mica Creek Power Station's generating units feature combined cycle-gas turbine technology. This highly efficient technology works by reusing waste heat from the gas turbine exhausts.

Water is a precious resource and is vital to generating electricity. Mica Creek receives water from the Leichhardt system and Rifle Creek Dam and the station carefully monitors its use to ensure maximum efficiency.

Current status

Mica Creek has a rated capacity of 218 MW and operates within the North West Power System.

Mica Creek supplies energy to its customer for mining and minerals purposes.

Mica Creek is a reliable and efficient gas-fired power station with significant capacity to power new and existing customers in north west Queensland.

Community

Mica Creek Power Station has been part of the Mount Isa community for nearly 60 years and, throughout that time, has kept in step with changing community expectations and legislative requirements.

