



# 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



## 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 Power Station, located six kilometres south of Mount Isa, is now in cold storage after providing electricity to mining and residential communities in Queensland's North West for 60 years.

It went into cold storage in February 2016 after its single remaining customer ceased mining operations. However, Mica Creek will be required to supply power again from mid-2017 to 2020 when the customer begins another mining project.

Mica Creek was the sole generator for the North West Region until the new Diamantina Power Station, also in Mount Isa, opened in 2014.

Mica Creek remains a reliable and efficient power station able to provide power to new and existing customers in the North West.

## 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.