Mica Creek Power Station

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.