

Wildflower Camp, Western Australia

CUSTOMER	Calibre Rail Pty Ltd
LOCATION	Pilbara, Western Australia
DESCRIPTION	Supply, delivery, installation and commissioning of generator sets and switchboard to supply electricity to the Wildflower Camp
OPERATIONAL DATE	2013



As part of Rio Tinto's expansion of its iron ore mine, rail and port network in Western Australia's Pilbara region, Calibre Rail was engaged by the mine operator to provide accommodation for the site workers.

Calibre Rail commissioned Penske Power Systems to supply and install a power plant to deliver electricity to this accommodation, the Wildflower Camp.

MTU series 1600 engines were supplied and installed by Penske Power Systems to deliver critical energy in extreme conditions.

CONFIGURATION

The installation includes four MTU Onsite Energy generator sets based on 6R1600G10 MTU engines. The generators are configured for island parallel mode and feed into the camp's main switchboard, the installation of which was also part of Penske Power Systems' scope of work.

Built tough, these engines contend with a wide range of Australian elements including oppressive heat, dust storms and floodwaters. Up to the challenge, these heavy duty MTU workhorses have operated for a number of years and are still going strong.

FEATURES

MTU Onsite Energy engines deliver reliability, low fuel consumption, low emissions, long service life intervals, outstanding load acceptance, long maintenance intervals and integrated accessories.

And with optimum operating characteristics including low vibration properties, automatic engine protection, outstanding load response and high stability of speed and frequency, MTU engines can withstand the harshest of environments.

MODEL SPECIFICATION

4 x MTU Onsite Energy 6R 1600 type DP 275 D55 diesel engines

For more information contact our Power Generation team on 1300 688 338.