



MAGELLAN POWER CASE STUDY

Onslow Power Project

The Onslow Distributed Energy Resource (DER) project delivered by Horizon Power, Western Australia's regional power provider, is one of the world's first fully automated, integrated microgrid power systems. Delivered in two stages over three years, the project included a mix of distributed customer-owned rooftop solar, a new modular gas power station, transmission line, substation, solar farm and battery storage.



Client
Downer Group

Date
2017

Location
Onslow, Western Australia

Scope of Project
1 MW/ 500kWh Battery Storage



Client Requirement

Magellan Power won a contract to supply a Utility Scale Battery Storage System to the Onslow Power Project.

The first stage of the project consisted of a new 5.25 MW gas-fired power plant which used the Magellan Utility Scale Energy Storage System to optimise the efficiency of the power station and provide flexibility in managing future renewable growth in the town.



Magellan Solution

Magellan supplied state of the art 1MW/500kWh battery storage, delivered in two 20 foot containers, used as Spinning Reserve and Black Start applications. With 27 years of designing and manufacturing industrial back-up power for many applications, Magellan Power is a pioneer in the field of battery based energy storage and has developed Australian energy storage for residential, commercial and utility scale applications



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