

The Microgrid Future – a practical demonstration Horizon Power

Horizon Power Fast Facts

HORIZON POWER

energy for life

CUSTOMER CONNECTIONS

48,022

CUSTOMER CALLS

79,805

NEW CUSTOMER CONNECTIONS

381

ASSETS

\$1.8b

REVENUE 2017/18

\$660M

TRANSMISSION & DISTRIBUTION

8,256KM

POLES AND TOWERS

57,686

TOTAL SYSTEMS

38

INTERCONNECTED SYSTEMS

2

SERVICE AREA

2.3M_{KM²}



We provide industry leading end-to-end energy services in regional and remote areas



Remote communities



Small tourism and agricultural / mining towns



Regional centres



Remote industrial sites



Marble Bar Camballin/Looma

Nullagine Djarindjin/Lombadina

Warmun Kalumburu

Wiluna Yungngora

Ardyaloon Fitzroy Crossing

Beagle Bay Halls Creek

Bidyadanga

Denham Sandstone Meekatharra Menzies Mount Magnet Exmouth Onslow Hopetoun Gascoyne Junction Wyndham Laverton Cue Norseman Coral Bay Yalgoo

Broome Karratha

Carnarvon Kununurra

Derby Port Hedland

Esperance

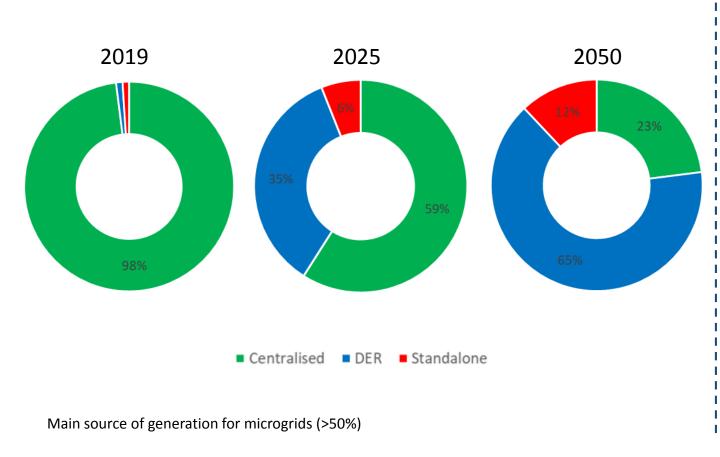


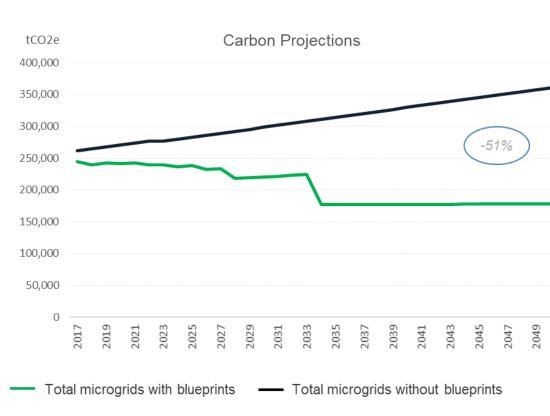
Our renewable journey



Horizon Power System Blueprints Roadmap

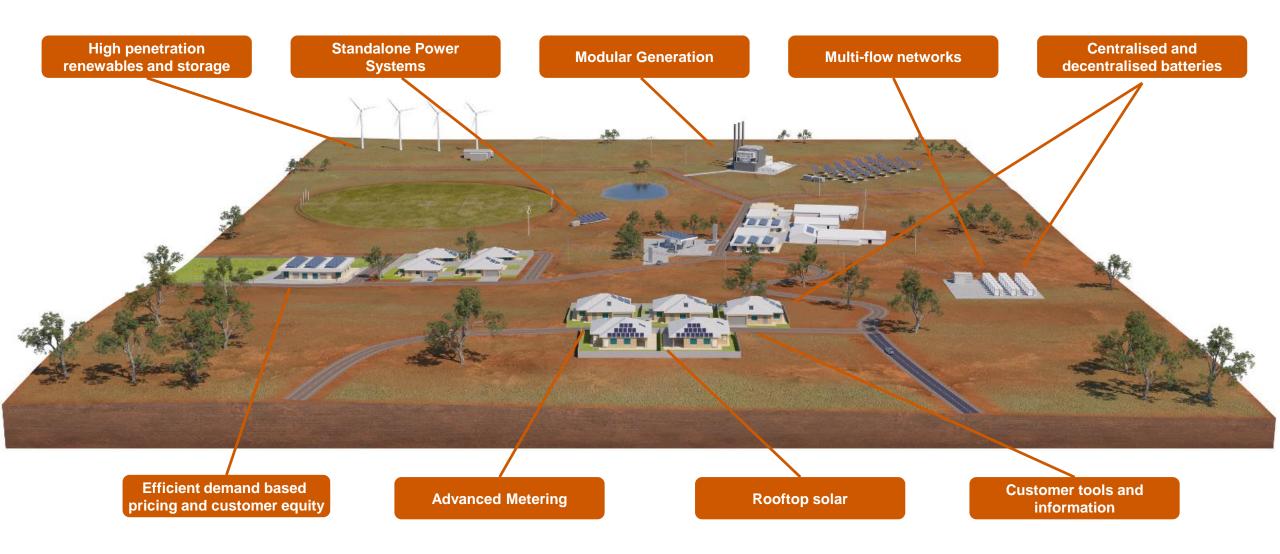
Increased renewable penetration, reduced carbon footprint, while lowering system costs





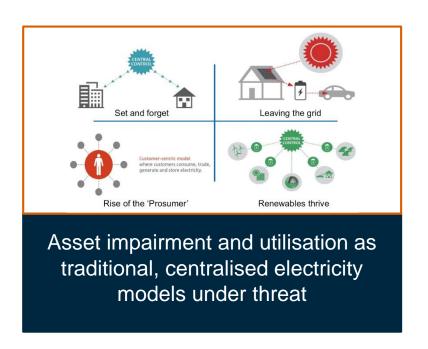
Horizon Power microgrids deliver clean, reliable and affordable energy to our customers

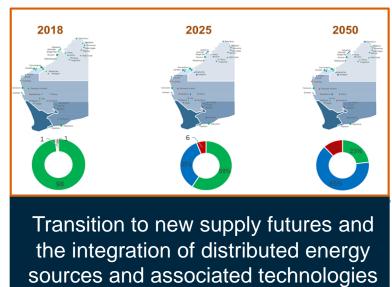




Shared challenges





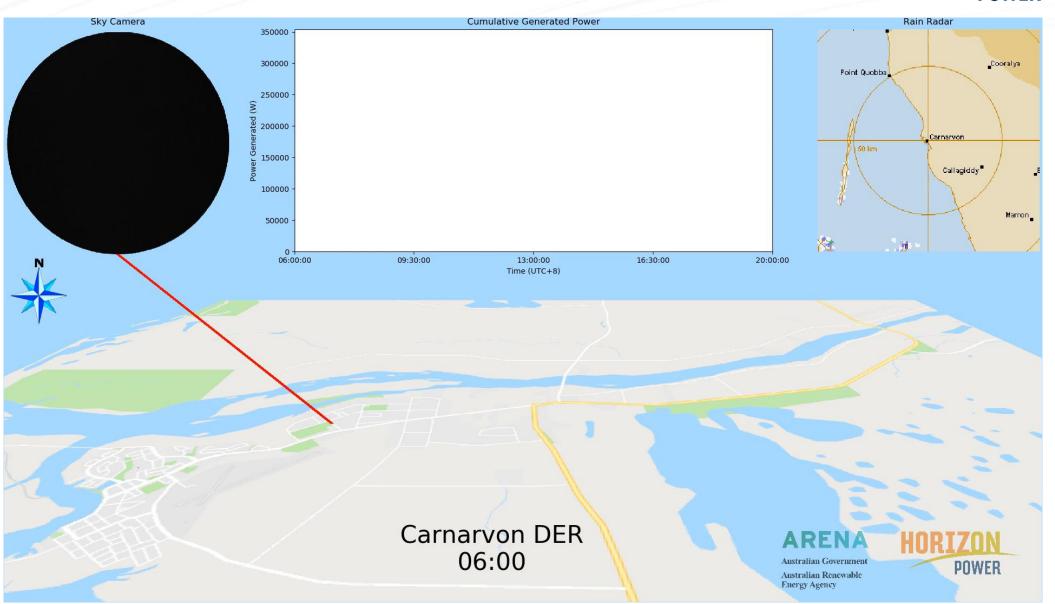




Power system risks – Cloud impact on solar generation



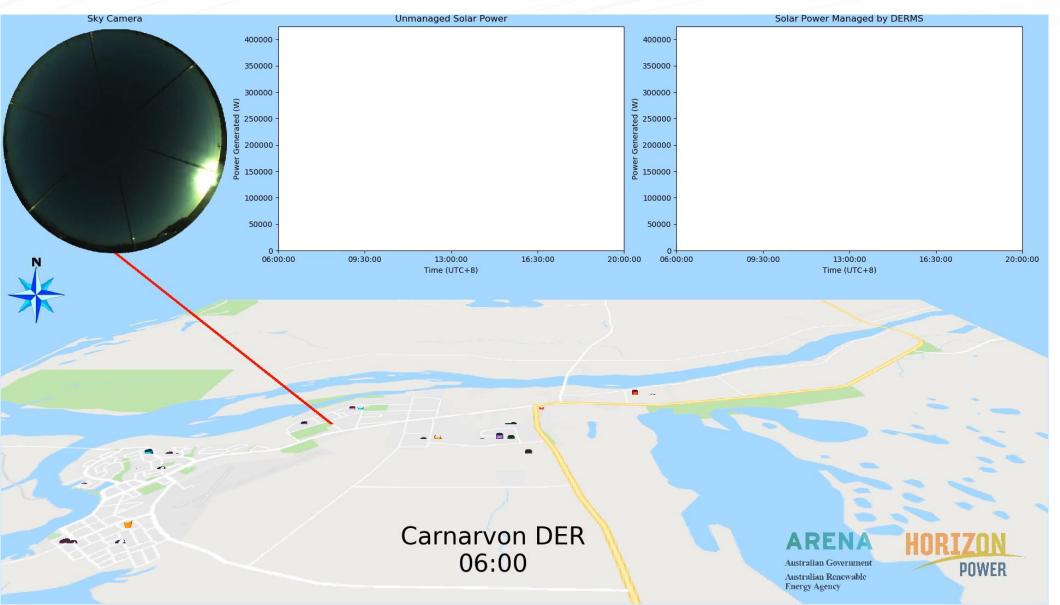
energy for life



Feed in management









Onslow Microgrid Vision >50% from Renewable Sources















Solar farms







Secure Gateway Device



Residential and Small-medium enterprise

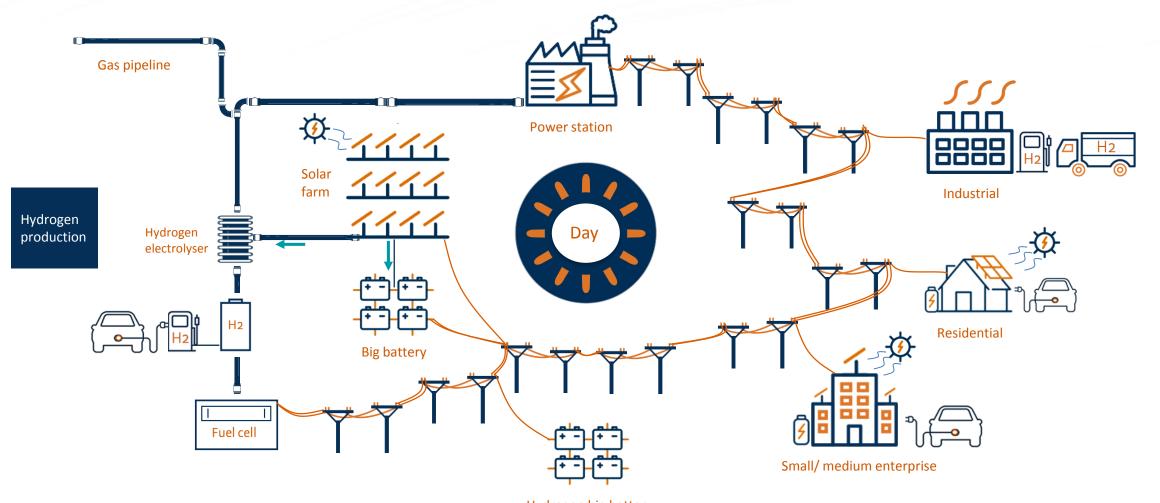


Secure Gateway Device



The Microgrid future





Hydrogen big battery

The Microgrid future



