

Integrated energy solutions

A new WAY to deliver bespoke energy solutions, matching local energy sources with community needs

The vision

WA is a global leader in the delivery of microgrid solutions to meet the needs of a rapidly changing energy environment.

A new energy system is emerging

fueled by technological innovation and the falling cost of renewables and storage

Increasingly complex

electricity systems will rely on intelligent monitoring and management technology

The time is now

Globally:

Developments in distributed and renewable energy are disrupting power networks globally requiring innovative solutions

Locally:


A unique mix of energy sources and experience in distributed energy technology provides WA with a strong advantage in the delivery and support of new energy solutions

400 million people 

are expected to gain access to reliable electricity for the first time by 2030

Indo-Pacific region

is at the forefront of this opportunity, with most new electrification to occur in Southeast Asia and Africa

Globally unique energy mix 

WA has access to a globally unique mix of gas, solar, hydro, geothermal, wind, and fossil fuels – the ideal testing ground for new energy solutions

Synergies with energy storage 

WA sits at a unique intersection between distributed energy resource experience and a growing role in the battery supply chain

75% of new electrification

is expected to occur using distributed energy micro-, mini- or off-grid solutions

To 2024, global microgrid capacity is expected to grow at more than

20% per annum

32 microgrids

managed by Horizon Power, with experience integrating multiple generation sources

25% cost reduction

for solar DER microgrids targeted by Horizon in three year trial

Multi-million dollar

project to build an off-grid hybrid power station on the remote island of Tonoas, Micronesia, with WA company Balance Utility Solutions

50% 

of power need in the town of Onslow forecast to be met by renewables through a distributed energy microgrid by 2020