



Department of
Energy and Economic
Diversification



PoweringWA

Driving Decarbonisation through Regional Energy Transitions

The Pilbara Energy Transition (PET)

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wa.gov.au/PoweringWA

Acknowledgement of Country





Made in WA

A strategic blueprint to position Western Australia's economy at the forefront of global market shifts — driven by targeted industry support, workforce training, and infrastructure investment to enable sustainable growth.

Diversify WA

A collaborative initiative between government, industry, and community to create secure, high quality jobs, diversify the economy, and attract long-term investment.

\$75 million investment in WA transmission manufacturing



■ SWIS



GRN

SWIS



- GRN
- SWIS
- PILBARA
- NWIS

Exmouth

Onslow

Karratha

Port Hedland

Eighty Mile Beach

Pannawonica

Roebourne
Wodgina

Shay Gap

Iron Bridge

Marble Bar

Nullagine

Cloudbreak

Tom Price

Paraburdoo

Newman







75% of
WA's
exports



35% of
Australia's
exports



19.6% of
Gross
State
Product



Almost
40% of
WA's
Emissions
Output

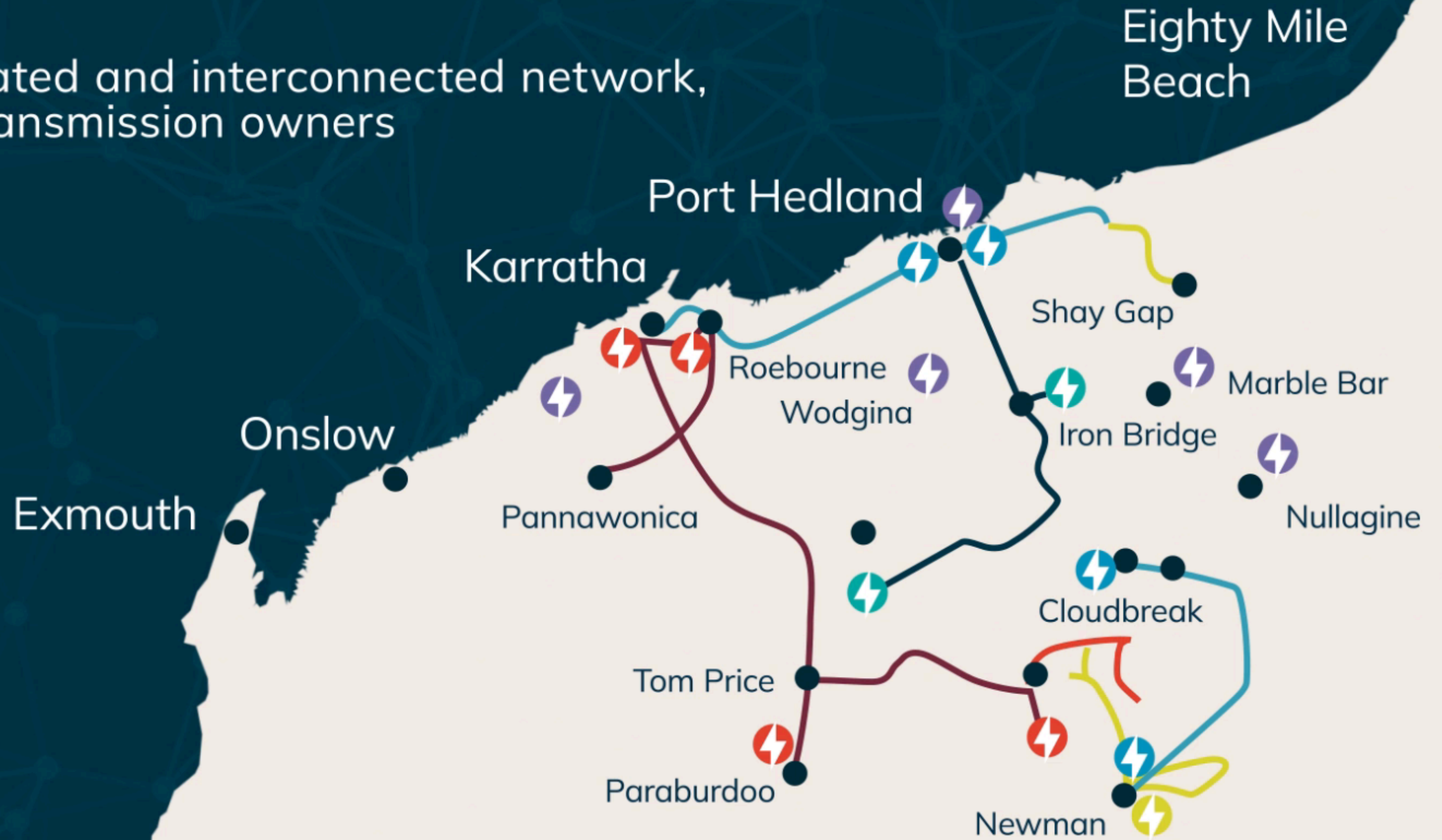


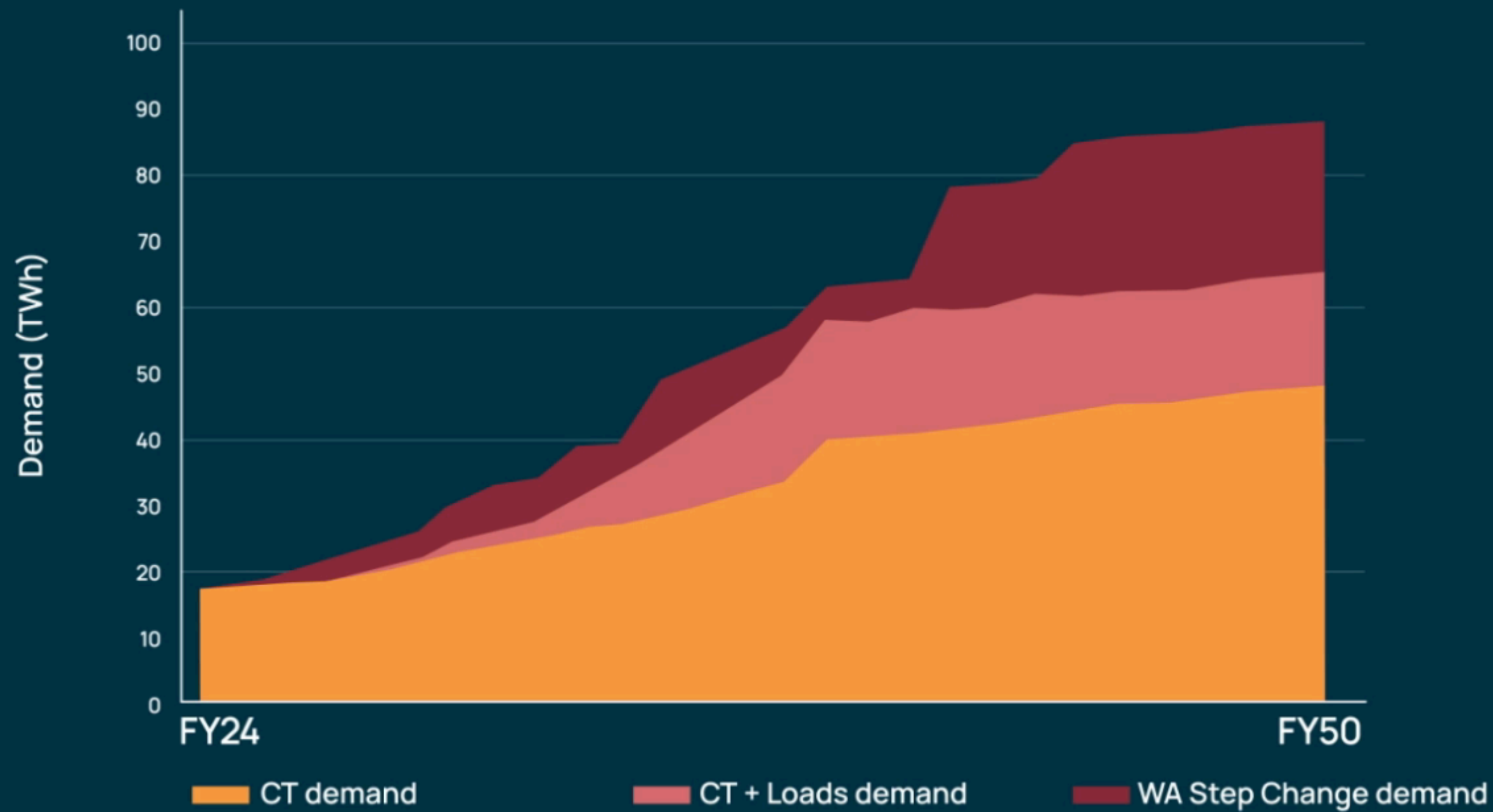
23% of
National
Safeguard
Emissions

The North-West Interconnected System (NWIS):



A loosely integrated and interconnected network,
with different transmission owners





Pilbara energy demand scenarios

Demand for energy in the Pilbara will increase substantially in all three modelled scenarios.



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Rising to the Challenge: The Pilbara Energy Transition Plan

- Hamersley Range Corridor
- Great Sandy Desert Corridor
- Chichester Range Corridor
- Burrup Peninsula Corridor



The Pilbara Energy Transition Plan Footprint

Pilbara Roundtable

Dialogue between Traditional Owners, industry, and the State Government.

Expression of Interest process

The State Government invited proponents to submit common use transmission project within any of the four Designated Priority Corridors for Priority Project Status.

Priority Project status awarded

Four projects - one in each of the Designated Priority Corridors were awarded Priority Project status.

Negotiating Priority Corridor Agreements

The State Government is currently negotiating Priority Corridor Agreements with all four transmission proponents.

Designated Priority Corridors announced

Four strategically important corridors identified by the State Government.

Assessment of Expression of Interest applications

EOI submissions were assessed against five criteria - decarbonisation, common use, positive outcomes for Traditional Owners and community, and timely delivery.

Recommendation to Rewiring the Nation

Designated Priority Projects will receive a State Government recommendation to be considered for concessional financing from WA's allocation of up to \$3 billion under the Rewiring the Nation program.

The Pilbara Energy Transition Plan

Regulatory Evolution

The current regime works well and will continue to do so for the short to medium term.

The Regulatory Evolution is about the future state — ensuring the system can support and facilitate the energy transition.

The objective is to provide confidence to the market while creating an attractive investment environment.

Evolution of Pilbara Network Access Code

- Creating the new common use Pilbara grid
- Managing access across multiple networks
- Better regulation for network tariffs
- Better regulation of terms and conditions
- Greater up front regulatory certainty
- Other improvements

Evolution of Pilbara Networks Rules

- Power system security and reliability
- Scheduling and dispatch
- Governance of the Independent System Operator
- New connections
- Development of the Harmonised Technical Rules

Land Tenure Types in the Pilbara

- Unallocated Crown Land
- Freehold
- Crown Reserves
- Crown Leases
- Pastoral Leases
- Easements
- Roads
- State Agreements
- Mining Tenements

- Hamersley Range Corridor
- Great Sandy Desert Corridor
- Chichester Range Corridor
- Burrup Peninsula Corridor



Aboriginal Participation in the Pilbara Energy Transition

Our Objectives:

Minimise impacts on Country.

Applies principle of self-determination
in identifying and pursuing opportunities
for economic participation in generation
and transmission.





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The Plan in Action: Burrup



Decarbonise
Burrup

Burrup

Dampier
Substation

Karratha Mulataga

Maitland
Industrial
Estate

Unlocking
Maitland

Karratha
Industrial
Estate

Integrating
with NWIS

The Burrup (Murujuga) Corridor



New Renewable Generation

Activation

Decarbonisation

Emerging Green Industries

Green Iron Green Fertilisers Green Hydrogen

Maitland SIA

Boodarie SIA

Burrup SIA

Existing Industry Across the Region

Iron Ore Processing Lithium Gold Copper Mining



Driving Decarbonisation

Unlocking Opportunity

Powering Our Future



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