

2024 Transmission Network Forum

Decarbonising Central Queensland

Daniel Andersen

General Manager Energy Markets

Powerlink Queensland



Acknowledgement

Powerlink acknowledges the Traditional Owners and their custodianship of the lands and waters of Queensland and in particular the lands on which we operate.

We pay our respect to their Ancestors, Elders and knowledge holders and recognise their deep history and ongoing connection to Country.



Importance of Gladstone





Gladstone region load

20-25%
state electricity
supply

1.1GW
Largest load
outside SEQ

3-8GW
Electrification
impact



Gladstone region generation

1680MW

Gladstone
Power Station

Scheduled close in 2035

700MW

Callide B
Power Station

Scheduled close in 2028

1MW COAL FIRED
POWER RETIRING
=

3-4 x RENEWABLE
RESOURCES

+
STORAGE/FIRMING
REQUIRED

At least 3.5 years' notice of expected closure required



Gladstone region generation

1680MW

Gladstone
Power Station

Scheduled close in 2035

700MW

Callide B
Power Station

Scheduled close in 2028

30,000MW

Battery/solar/wind
already in
development

At least 3.5 years' notice of expected closure required

Central Queensland Coordinating generation



*Indicative geographical representation only

Central Queensland Network reinforcement



- Existing network
- Existing coal generator
- Potential REZ
- SQ-CQ connection
- Gladstone Project

Gladstone

Calliope REZ

Callide REZ

10GW
WIND DEVELOPER
INTEREST

*Indicative geographical
representation only

Enablers



Priority
Transmission
Investment



Renewable
Energy Zone (REZ)
Delivery Body



Social
licence



Agenda

State of the Network with Paul Simshauser, Chief Executive

AEMO Update with Merryn York, Executive General Manager System Design

Q&A with Paul and Merryn

BREAK

Decarbonising Central Queensland with Daniel Andersen, General Manager Energy Markets

Panel moderated by Jacqui Bridge, Executive General Manager Energy Futures

Interactive session

BREAK

Transmission Annual Planning Report update with Stewart Bell, Executive General Manager Network and Business Development, followed by Q&A

Panel | Decarbonising Central Queensland



Jacqui Bridge

Executive General
Manager Energy
Futures



Vik Selvaraja

General Manager
Pacific Repowering
Rio Tinto



Dana Boxall

General Manager
Community and
Delivery Services



Roger Smith

Director
Revenue Reset



Daniel Andersen

General Manager
Energy Markets

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Interactive session

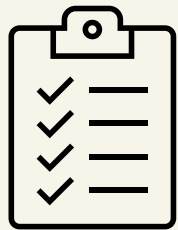
BREAK

Transmission Annual Planning Report update with Stewart Bell, Executive General Manager Network and Business Development, followed by Q&A

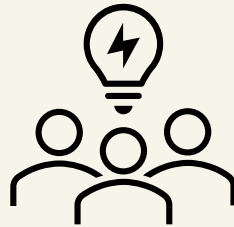
Interactive session questions



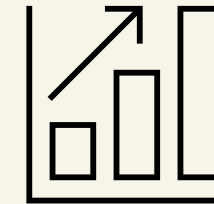
ONLINE PARTICIPANTS please go to bit.ly/PQForum



What can Powerlink do to provide **more investment certainty** in the Central Queensland region?



What else does Powerlink **need to consider** from a social licence and community perspective?



How does Powerlink **best time network investment** in Central Queensland to **meet future load growth**?