

Greater Whitsunday Regional Projects
Forum

Regional Investment Update

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Powerlink Queensland

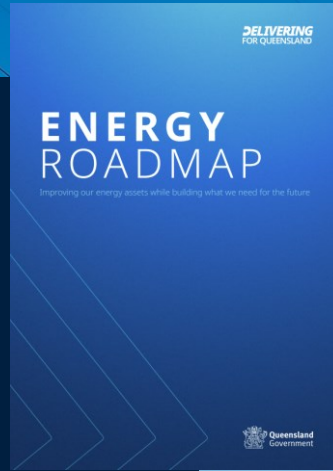




Powerlink Queensland

- **Queensland Government owned** – one of Australia's leading transmission network companies.
- We own, develop, operate and maintain the **high voltage transmission** network.
- We provide electricity to more than **five million Queenslanders** and **241,000 businesses**.
- Our network runs **1,700km** from north of Cairns to the New South Wales border.
- Comprises **15,559** circuit kilometres of transmission lines and **154** substations.

Focused on
delivering a **safe,**
affordable, reliable
and **sustainable**
network for our
customers



COMPLETED AND COMMITTED CONNECTIONS



GENERATION AND STORAGE PIPELINE

As at September 2026:

- **15** generation and storage connection projects **under construction** with combined maximum output of **~4GW**
- **110 connection applications** are being processed representing **~44GW**
- **87** projects at the **enquiry stage** with combined max output of **~41GW**

Program of works



System
strength



Transmission
reinforcement



Generator
connections

System Strength Project

*System strength is the transmission network's ability to **maintain stable voltage** during normal operation and through network disturbances.*

Powerlink is the **System Strength Service Provider** for Queensland

Synchronous condensers

To meet system strength requirements, Powerlink will complete delivery of **4 synchronous condensers** in Central Queensland by 2029.



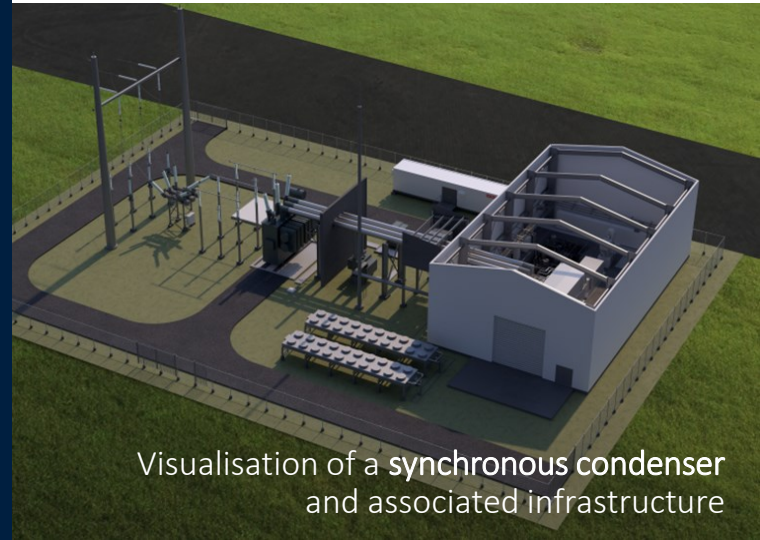
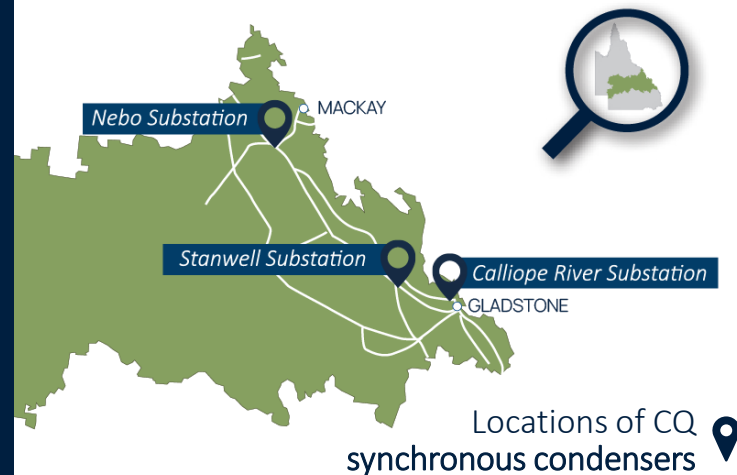
Large rotating machines that act like shock absorbers for fluctuations in the grid



Will maintain system strength as the **energy generation mix** in Queensland evolves



A detailed **network analysis** has identified the **optimal locations** near existing high voltage substations



Visualisation of a **synchronous condenser** and associated infrastructure

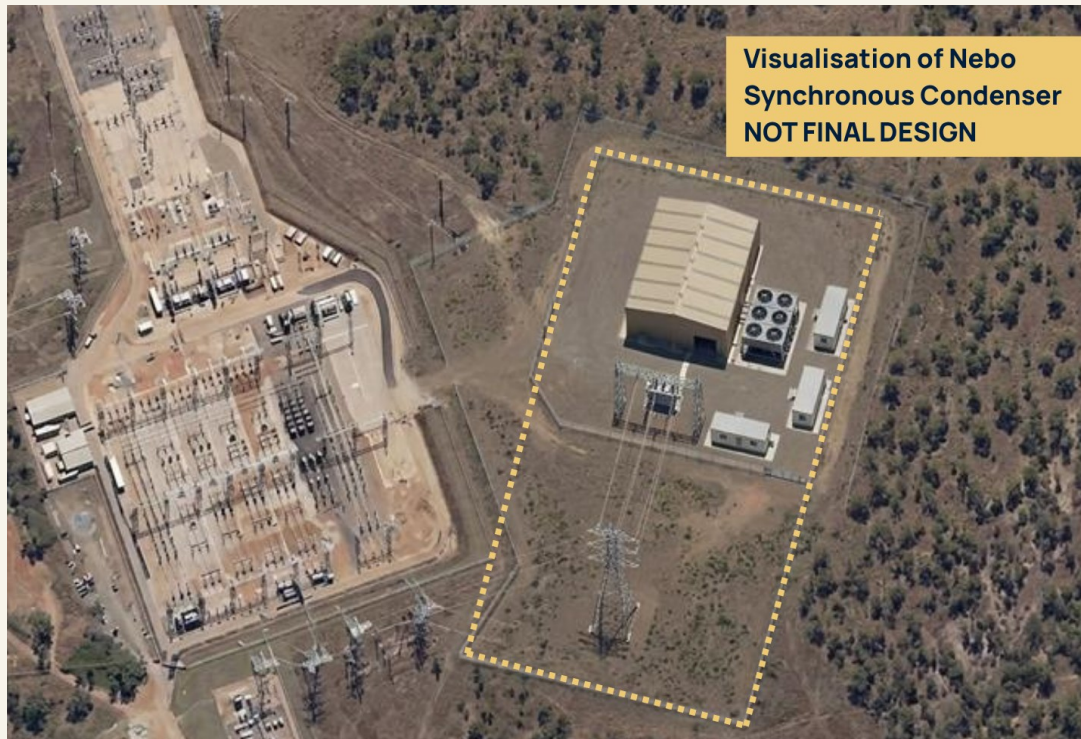
System Strength Project

CURRENT STATUS

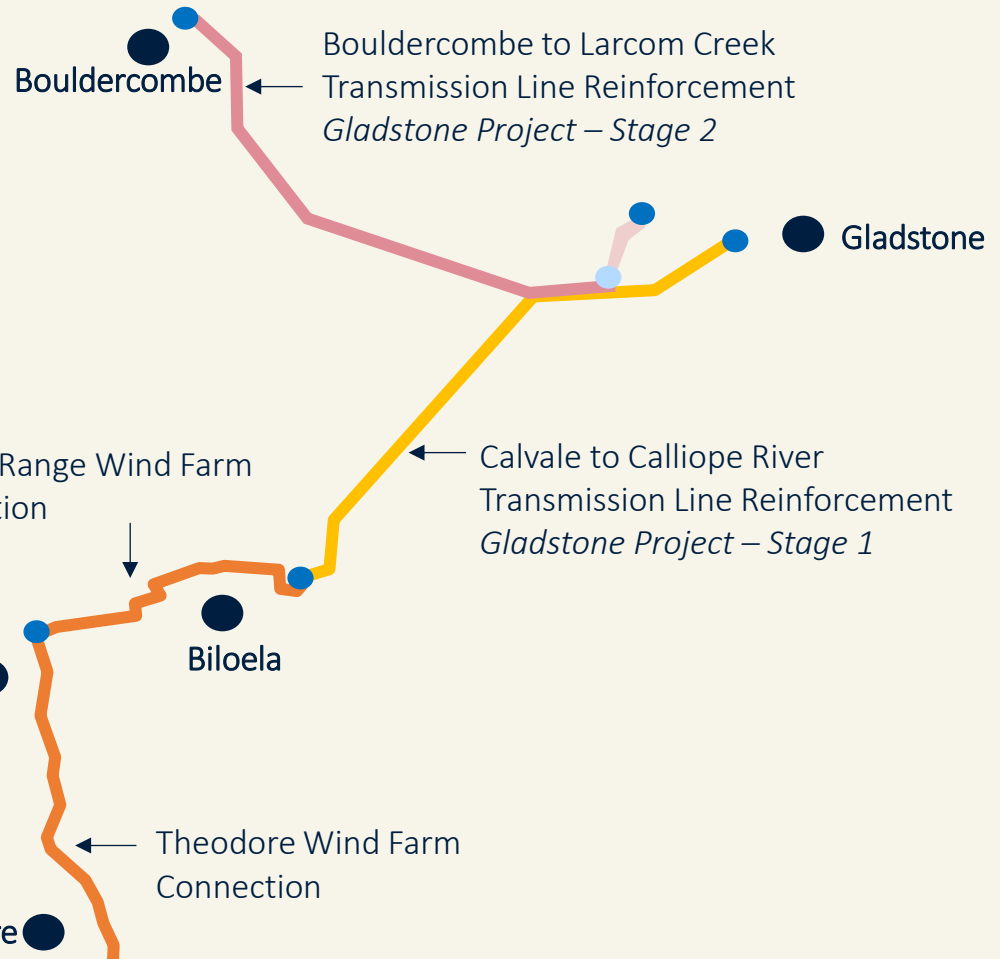
- ✓ Orders for synchronous condenser machines placed
- ✓ Planning, approvals and traditional owner engagement underway
- ✓ Tenders underway for balance of plant

KEY MILESTONES

- ✓ Balance of plant tender award – late 2026
- ✓ Construction mobilisation: Nebo – from February 2027
- ✓ Energisation – progressively from March 2029



Central Queensland Program - Major project pipeline



Transmission
reinforcement

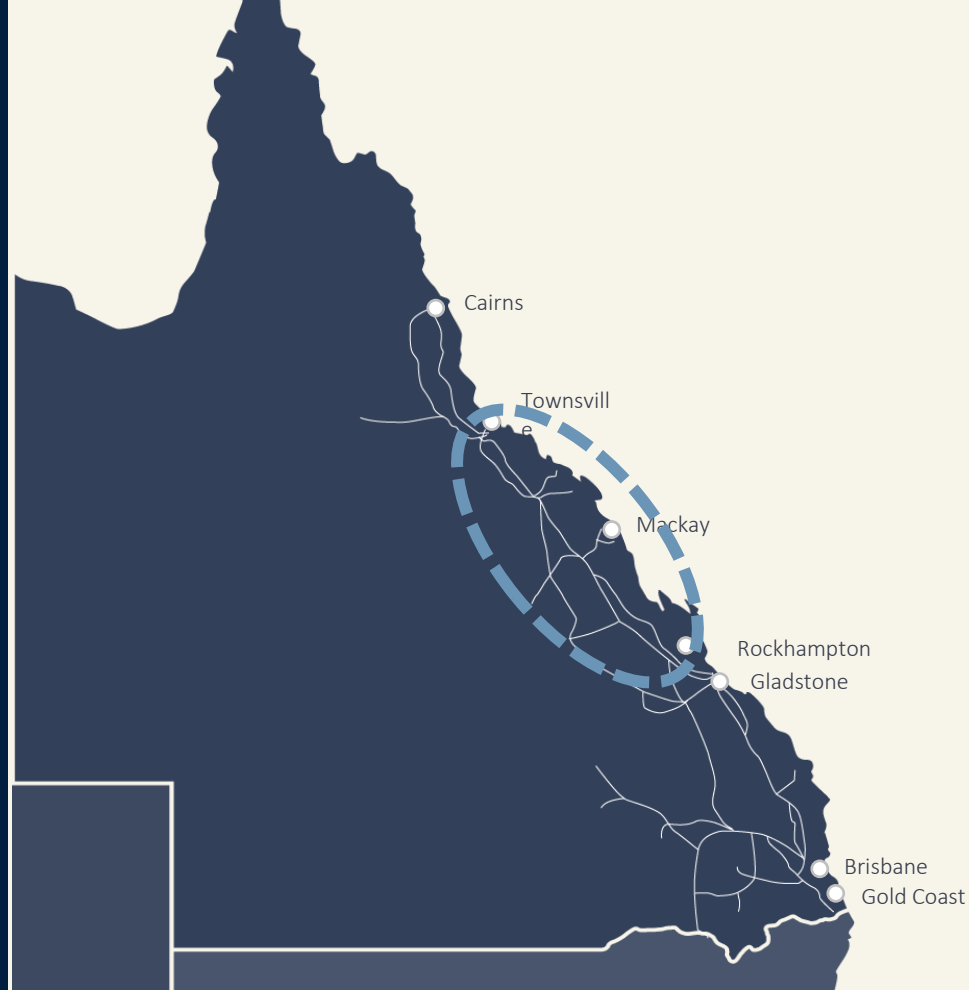
Transmission reinforcement

26 transmission reinvestment projects

- 18 substation upgrade projects
- 8 secondary systems projects



Transmission
reinforcement



Connection pipeline

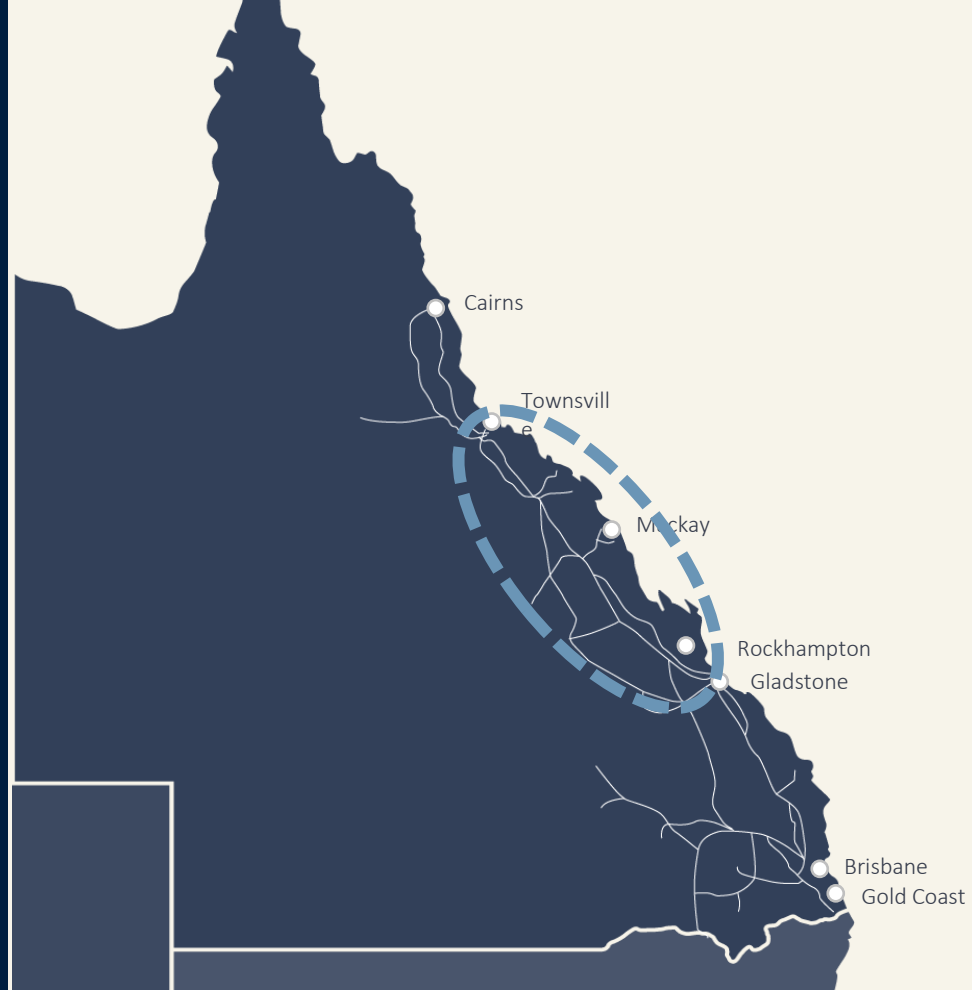
41 projects in connection **enquiry** stage representing ~18GW

52 projects in connection **application** stage representing ~20GW

Not all projects in the pipeline will proceed

7 projects **under construction** representing a combined maximum output of ~1.6GW

8 projects now **completed** representing a combined maximum output of ~1.9GW





Regional View

Generator connections

Smoky Creek Solar Power Station + Guthrie's Gap
Solar Power Station **Connection Project**

Lotus Creek Wind Farm
Connection Project

Boulder Creek Wind Farm
Connection Project

Majors Creek Solar Power Station
Connection Project

Ganymirra Solar Power Station
Connection Project

Yabulu BESS
Connection Project

Supporting Queensland communities



Community Benefits and Social Value Creation



Questions