

Moora and Chittering

Proposed planning project to support your future energy needs

February 2026



Western Power is delivering the network infrastructure needed to achieve the State Government's vision for WA as a world-leading renewable energy powerhouse. The network's transmission lines, and the wind and solar farms they will connect, will form one of the largest infrastructure, technology and construction transformations in Western Australia's history.

Western Power plays an important part in safely and reliably transferring clean energy generated from wind and solar farms in regional areas to homes and businesses.

What is Clean Energy Link – Moora-Chittering?

The proposed Clean Energy Link – Moora-Chittering project aims to expand and strengthen the transmission network in the Wheatbelt region to support renewable generation and future energy demand. It will help WA reach net-zero by 2050.



Scoping and planning is underway to understand what new and upgraded infrastructure is needed to improve the flow of clean energy between the Wheatbelt region and Perth.

Project status

Clean Energy Link – Moora-Chittering is in early scoping and planning phase, which will guide design development and support approvals submissions, including a business case for funding investment.

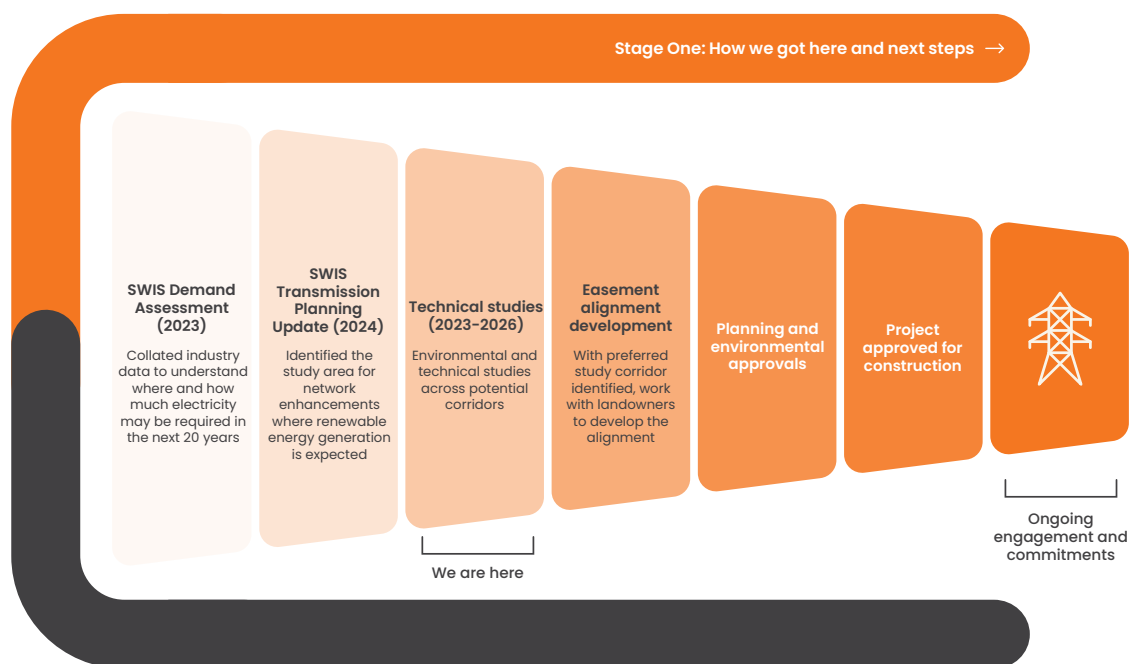
Our priority is identifying suitable terminal locations and line route expansion opportunities which meet technical requirements, minimise environmental and social impacts, and are strategically located to meet future network connection.

Western Power is committed to using existing easements for infrastructure corridors wherever possible to minimise impacts on the environment, landowners and the community.

Our aim is to ensure the best possible infrastructure and cost benefit outcomes for Western Australians.

Early desktop technical assessments and mapping has begun along with industry engagement and on-ground studies such as spring surveys, to understand potential corridors within these investigation areas.

Community feedback and insights are essential in determining infrastructure location and design. This will help inform government decisions. We'll be regularly engaging with a range of stakeholders from Moora and Chittering to gather insights and outline areas of significance.



Stay informed

We're committed to keeping you informed and will work to minimise any disruption during investigations. We'll prioritise restoring any affected areas to their previous condition.

To find out more about Clean Energy Link – Moora-Chittering or sign up for our project updates, visit:

westernpower.com.au/cleanenergylinkmoorachittering



Perth Metro to Chittering



The project is investigating upgrades within the orange area outlined in the enclosed maps including:

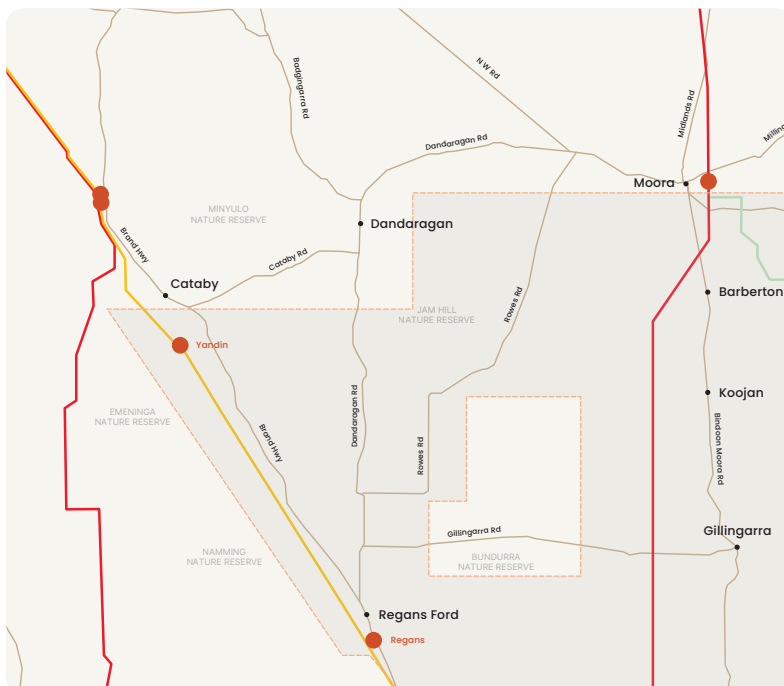
Perth Metro to Chittering

- a new terminal north-east of Perth
- a new 330kV transmission line between this new terminal and the existing Neerabup Terminal
- a 330kV connection between the existing Neerabup Terminal and existing 330kV line
- a rebuild of the 132kV transmission line between Henley Brook and Landsdale
- an expansion of the Landsdale 132kV substation
- upgrades to other parts of the existing network.

Legend

- Existing Terminal Substation
- Investigation Area for Future Potential Expansion
- Main Roads
- Existing Overhead Transmission Lines 330kV
- Existing Overhead Transmission Lines 132kV
- Existing Overhead Transmission Lines 33kV

Chittering to Moora



Chittering to Moora

- two new terminals – one south of Moora townsite and the other north-east of Perth with new 330kV transmission lines between them
- additional 330kV lines between Mid West line and the new terminal south of Moora
- a new 132kV transmission line connecting existing infrastructure in Moora and the new terminal south of Moora
- Replacement of the existing 132kV Moora Muchea transmission line with a 330kV line.

Frequently asked questions

What is the Clean Energy Link Program?

Announced by the State Government in 2023, the Clean Energy Link Program is delivering network infrastructure needed to connect more solar and wind as part of WA's drive to be a world-leading renewable energy powerhouse and meet the energy needs of the community and industry.

Western Power will plan, build and manage the new transmissions lines and new terminals needed across the South West Interconnected System (SWIS).

What is the timeline for the Clean Energy Link – Moora-Chittering project?

This project is currently in the planning phase, which means it still requires design development, investment decisions and relevant approvals, including environmental, to move forward.

As outlined in the State Government's SWIS Transmission Plan (September 2025), Clean Energy Link Moora-Chittering is part of Phase Two: 2032–2035 delivery. If peak demand continues to rise, this project may need to be delivered as early as 2032.

We'll continue to provide updates related to timelines as the project progresses.

Who would manage connections from the renewable generators and industrial developments to the new terminals?

Renewable generators and industrial developments are responsible for their own connections to the network. Western Power works closely with project proponents to ensure they meet requirements and expectations.

When will a final decision be made, and by who?

Following engagement with landowners, stakeholders and community, we'll incorporate feedback into the proposed project and provide to Government for determination.

Will transmission upgrades improve reliability in my area?

While expanding the transmission network will not directly improve reliability on the distribution network, the overall benefits stemming from a clean energy network for the whole community will be momentous.

Western Power is doing everything we can to improve distribution network resilience in the face of increasing climate change weather impacts to minimise the frequency and duration of power outages, with a number of initiatives already underway.

More information

How have these planning projects been identified and what is their purpose? Find out by reading the SWIS Transmission Plan at wa.gov.au.

Western Power is committed to providing regular project updates. To stay informed and to sign up to receive project news visit westernpower.com.au/cleanenergylinkmoorachittering or email cleanenergylink@westernpower.com.au

westernpower.com.au/cleanenergylinkmoorachittering

Scan
to learn
more



OWNED BY
the people
of WA