

# Neerabup Terminal Expansion

## Construction works

June 2025

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.

### What is the project?

Western Power is upgrading the existing 132kV and 330kV terminal at Neerabup. The strengthened terminal will connect to transmission lines in the region and facilitate future line conversions, significantly increasing the flow of renewable energy to and from the area. Site preparation work has begun, with construction continuing until 2027.

This upgrade is an important step in allowing us to increase the availability of clean energy to power our daily lives, and support WA's growing housing supply and industry, as well as the employment and economic benefits they will bring now and in the future.

We're committed to keeping you informed every step of the way to minimise any disruptions on you.

### What does this build involve?

This project will involve significant upgrades to electrical equipment to support the terminal. All construction activities will take place within the existing terminal boundary located at along Ziatas Road in Neerabup, with site access via Ziatas Road.

### What to expect during construction

Western Power is committed to managing and mitigating impacts throughout construction through the following measures:

- **Traffic access:** Traffic management, such as lane closures or detours will be in place. Oversized deliveries will be scheduled, where possible, outside of peak traffic times and will be escorted.
- **Noise and vibration:** Where possible, works expected to be noisy or generate higher vibration will be scheduled during the day with measures in place to ensure all rules and limits are met. Prior notice of noisy works outside of normal construction hours will be provided. Pre-condition surveys will be offered in areas expected to be impacted
- **Dust:** Activities such as earthwork, vegetation clearing and materials unloading can create dust. A number of measures to minimise dust will be put in place, such as water suppression, covering loads and limiting vehicle speeds
- **Clearing:** Vegetation clearing will be minimised and any area marked for clearing will be inspected, both before and during construction, for fauna
- **Power outages:** Every effort will be made to avoid power outages. If they are required, you'll be notified ahead of time.

Restoring any affected areas to their previous condition is also a priority for us.

## Construction staging and activities

### Construction

- bulk earthworks and associated drainage
- foundations and associated structures for the substation primary and secondary equipment
- installation of transformer bund, including oil/water separation system and drainage system
- installation of prefabricated concrete panel relay room
- installation of the terminal primary and secondary equipment, including associated cabling works
- installation of boundary and transformer fencing
- construction of permanent internal access roads
- site surfacing within the substation.

### Pre-commissioning

- testing and commissioning new energy equipment
- connecting to the existing transmission network
- protection, control, and metering testing.

### Commissioning

- protection, control and metering checks
- energisation
- noise, thermographic imaging and electric and magnetic field (EMF) testing.

### Demobilisation and site rehabilitation

- removing all construction plant and equipment
- removing or handing over construction compounds and facilities
- removing environmental controls
- restoring work areas, irrigation, water infrastructure facilities and natural drainage
- rehabilitating access roads.



### Staying informed throughout construction

We're committed to keeping you informed. You can expect regular updates from us, especially when there are any significant disruptions you need to know about.

Our contractor, UGL, will also be on the ground speaking with affected residents, communities and businesses.

To stay up to date on the project's progress and receive works notifications, sign up for our project updates via:

[westernpower.com.au/cleanenergylinknorth](https://westernpower.com.au/cleanenergylinknorth)



### More information

Western Power is committed to working with local communities and stakeholders and we'll regularly share project information and updates.

To stay informed, sign up to receive project news.

[westernpower.com.au/cleanenergylinknorth](https://westernpower.com.au/cleanenergylinknorth)

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