

Construction support sites

Hunter Transmission Project environmental impact statement

March 2025

Construction support sites including both temporary workforce accommodation facilities and laydown areas are essential to delivering the Hunter Transmission Project. These sites provide the infrastructure needed to house workers, store materials and stage the transport of equipment during the construction of this critical infrastructure project.

What is an environmental impact statement?

As the Hunter Transmission Project (HTP) is a critical State significant infrastructure project, it requires an environmental impact statement (EIS) under the NSW planning system.

The EIS must assess the potential environmental, economic and community impacts of the HTP as well as the opportunities. It will also include ways to avoid, minimise and/or mitigate potential impacts.

The EIS will be submitted to the NSW Department of Planning, Housing and Infrastructure for assessment. Once the EIS is lodged there will be a public exhibition period and interested members of the community will be able to provide formal feedback on the proposed development directly to the department.

Construction support sites at a glance:



Five temporary support sites across Muswellbrook, Millfield, Howick, Gouldsville and Cooranbong

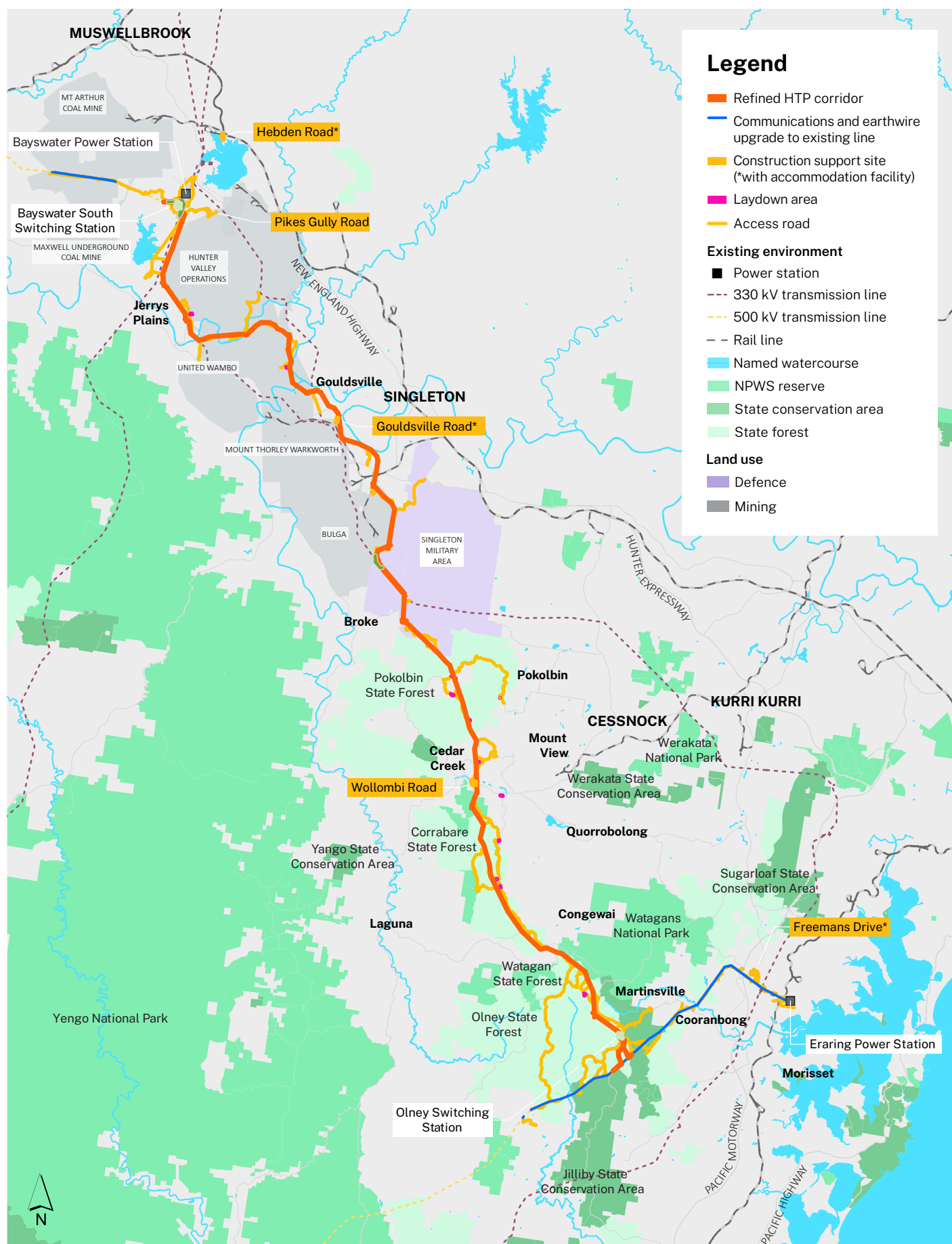


Three of the construction support sites have proposed temporary workforce accommodation



Accommodation capacity for around 780 workers across the 3 temporary workforce accommodation facilities

Transport routes and construction support sites



What will the construction support sites include?

The temporary construction support sites will be used as the base for construction activities, and may include:

- workforce accommodation facilities
- demountable offices
- workforce amenities such as kitchens and recreation areas
- processing facilities (concrete batching, aggregate crushing, grinding and screening)
- helicopter landing pad and support facilities
- utilities such as electricity and water
- parking areas and bus stops
- equipment, materials, chemicals and gas storage
- diesel generators
- laydown, hardstand and workshops.

Temporary workforce accommodation

Temporary workforce accommodation will provide food and recreation facilities, waste treatment and first aid services. They'll also have dedicated medical support to minimise impact on local and regional health, food and social services. Temporary workforce accommodation will operate 24/7 throughout construction.

A range of activities will also be carried out to support the operation of the temporary workforce accommodation facilities including general maintenance activities, deliveries, waste removal and light vehicle movements.

Where practical, workers would be transported between the construction areas and the workforce accommodation via shuttle buses to help minimise potential traffic impacts of the project on local roads. This would mainly occur at the start and end of the working day.

Note that site layouts and confirmed activities planned at the construction support sites will be confirmed by the preferred contractor based on their construction methodologies.

Laydown areas

The temporary laydown areas identified along the HTP alignment provide flexibility in construction. They also help reduce vehicle movements to and from the construction compounds where possible.

These laydown areas serve as central locations for temporary staging, stockpiling, plant setup and traffic management. Generally, they're positioned at transition points between more accessible and less accessible zones.

The laydown areas may contain the following infrastructure:

- vehicle, equipment and materials storage
- chemical and fuel storage
- mini concrete batching plants
- waste bins/storage
- maintenance sheds
- staff facilities (office and amenities)
- parking areas
- firefighting equipment
- generators and potable water tanks
- mobile concrete batching plant.

Workforce



Up to 830 full-time workers are expected at peak construction



Workforce numbers will vary depending on the stage of construction

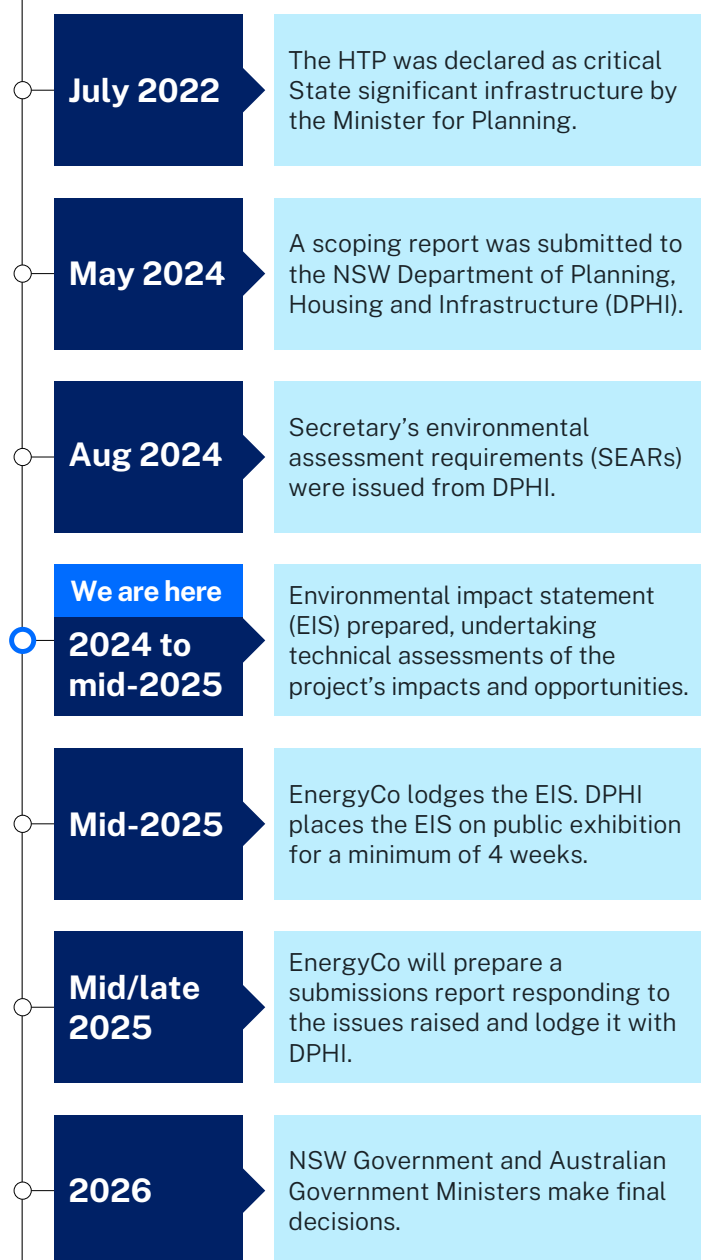


Workers may be sourced locally, regionally or from interstate based on skills and availability



Most non-local workers are likely to stay in the temporary accommodation at the construction support sites

Key planning milestones



Have your say

Share your feedback on construction support sites by completing our quick survey.



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About the HTP

The Hunter Transmission Project is one of the State's most critical energy infrastructure projects. It involves building a new overhead 500 kV transmission line of around 110 kilometres between Bayswater in the Upper Hunter and Olney in the Lower Hunter to connect the State's existing 500 kV transmission lines.

This will fix a missing link in the electricity network and help unlock the supply of electricity from the Central-West Orana and New England Renewable Energy Zones.



Existing transmission tower

Contact us

EnergyCo is the NSW Government statutory authority responsible for delivering the HTP as a critical part of transitioning to a cleaner future under the Electricity Infrastructure Roadmap.



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