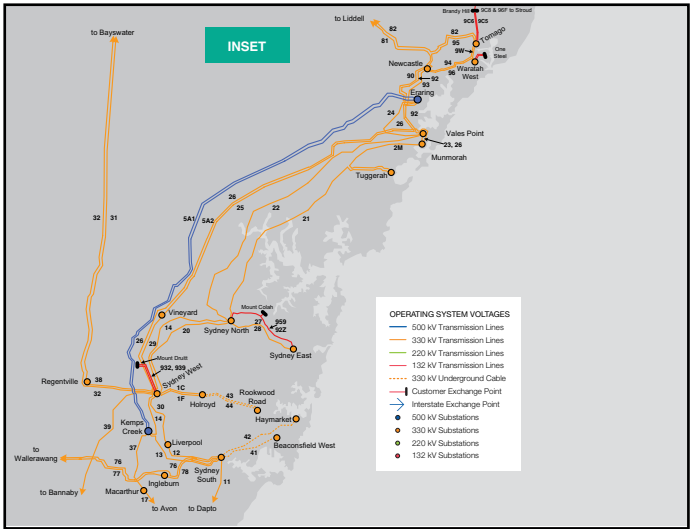
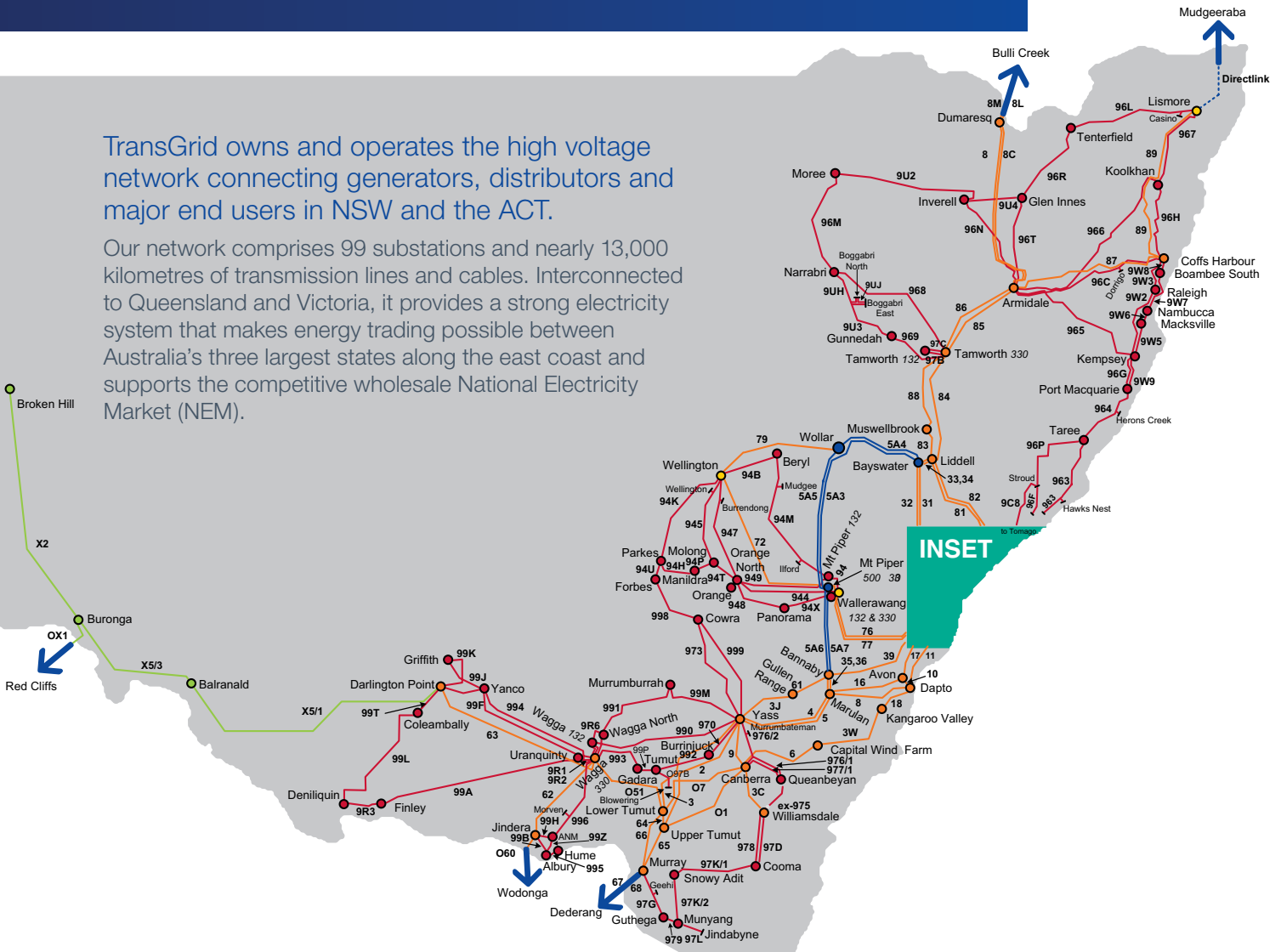


# Central West NSW

TransGrid owns and operates the high voltage network connecting generators, distributors and major end users in NSW and the ACT.

Our network comprises 99 substations and nearly 13,000 kilometres of transmission lines and cables. Interconnected to Queensland and Victoria, it provides a strong electricity system that makes energy trading possible between Australia's three largest states along the east coast and supports the competitive wholesale National Electricity Market (NEM).



## Orange Substation Rebuild

TransGrid's Orange substation originally built in 1955 is located on the corner of William and March Streets. TransGrid will be undertaking major work at the substation to replace high voltage electrical equipment that is approaching the end of their serviceable lives. This will involve the replacement of a significant portion of the existing outdoor switchgear with new indoor switchgear, improving the overall look of the site. The work is expected to be completed mid-2017.

## Molong Substation

The Molong town is presently supplied from a single power transformer located in TransGrid's Molong substation. TransGrid and Essential Energy are currently coordinating a joint effort to establish a second power transformer in the substation to boost the reliability of the power being supplied to Molong town and surrounding areas.

## Panorama Substation

Panorama substation's oil containment facilities are to be upgraded. There will also be a partial demolition and rebuild of the transformer bund walls to make them more effective. This work is scheduled for completion in March 2016. Additionally TransGrid is planning the provision of additional equipment within the site by late 2016. This will provide additional support to the central west region.

## Beryl Substation

Beryl substation oil containment facilities are to be upgraded. There will also be a partial demolition and rebuild of the transformer bund walls to make them more effective. In addition, Essential Energy will connect a new transmission line into the site supplying the Dunedoo region. TransGrid will be required to undertake works within its existing site to allow for the connection of this new line.

## Central West Lines Remediation and OPGW Upgrade

TransGrid is undergoing a range of projects across our existing transmission network in central west NSW that will improve the efficiency of their operations and delivery of electricity to consumers. The low spans transmission line project involves raising the height of some spans of existing transmission lines that have been identified as having low clearance to the ground or other objects.

The optical fibre ground wire (OPGW) project involves the replacement of ageing ground wires located on the top of existing transmission lines with new optic fibre cables.

### For more information

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