



*Work has commenced on TransGrid's new switching station as part of the Orange North Redevelopment Project.*

### Dear Resident,

## Welcome to the latest community update for the Orange North Redevelopment Project.

Work is progressing well on TransGrid's Orange North Redevelopment Project. Civil works are well underway on the new switching station between Leeds Parade and McLachlan Street, Orange.

TransGrid appointed contractor, United Group Infrastructure Limited (UGL), to undertake the work required which includes building a new switching station, rearranging the existing transmission lines to connect the switching station into the Orange Substation.

Construction hours are Monday to Friday, 7.00am and 6.00pm and Saturday, 8.00am to 1.00pm. Work will generally not occur on Sundays or public holidays although if work is required outside these times, TransGrid will contact affected landowners. We will also contact you if access to the easement on your property is required.

TransGrid apologises in advance for any noise and traffic disruptions and is working hard to minimise these impacts on residents and businesses. TransGrid closely monitors noise and construction activity and operates a toll free project hotline – 1800 222 537 between the hours of 8.30am and 5.00pm Monday

### Did you know?

- TransGrid's investment in the Orange North Redevelopment Project is required to bolster the reliability of power supply to the Central West region and Orange City.
- The project involves three parts:
  - building the new switching station on Leeds Parade;
  - rearranging the transmission lines to connect the switching station to the existing network; and
  - upgrade works at the existing Orange Substation on William Street.
- An upgrade of the existing Orange Substation is necessary as the electrical equipment is ageing after more than 50 years in service.
- You can sign up to receive email alerts of updates to the project website at: [www.transgrid.com.au/orangenorth](http://www.transgrid.com.au/orangenorth)

to Friday. Feel free to call us if you have any questions about the project.

We appreciate your understanding and patience so far and thank you for your ongoing interest in the project.

Yours sincerely,

The Project Team

## Project Timing

Construction is underway on the new switching station and is scheduled for completion at the end of 2011. The foundations of the new site should be finished by September 2011 to make way for the delivery of equipment late 2011.

Transmission line works will progress over the next 12 months. TransGrid's existing 132 kV transmission line will be rearranged to feed into the new switching station and then connect into Orange Substation. This work includes the dismantling of two steel structures to be replaced with concrete poles. The transmission line works are scheduled for completion mid 2012.

The upgrade to the existing Orange Substation is on track for completion by end of 2011. Two new transformers have already been installed at the substation and are ready for service. Once energised, the transformers will effectively increase the substation's capacity by more than 25%.

## Keeping you informed

TransGrid is committed to keeping residents and businesses informed of the project's progress. A full copy of the final Review of Environmental Factors (REF) is available on TransGrid's website at [www.transgrid.com.au/orangenorth](http://www.transgrid.com.au/orangenorth) or can be sent on CD by request. To receive notifications of website updates on the project via email, visit [www.transgrid.com.au/orangenorth](http://www.transgrid.com.au/orangenorth) and subscribe to updates on the right of the screen.

If you do not wish to receive these community updates, please call us on 1800 222 537.

### What is a Transformer?

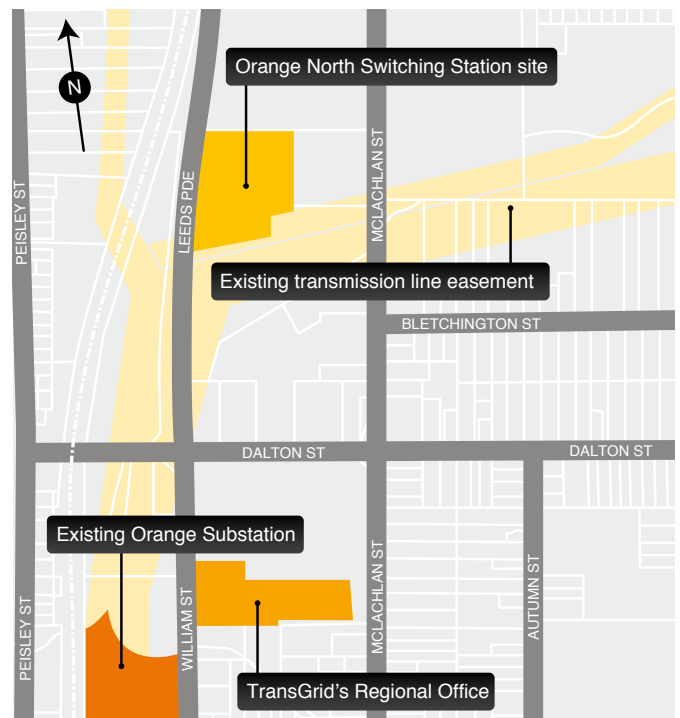
→ A transformer converts high voltage electricity to a lower voltage for distributors, like Essential Energy (formerly Country Energy).

### What is a Substation?

→ A substation contains a transformer which changes the voltage levels of connected transmission lines.

### What is a Switching Station?

→ There are no power transformers in this electrical asset. All connected transmission lines enter and leave at the same voltage. Switching stations provide greater control of the outgoing energy where a change in voltage is not required.



Location of the switching station and substation sites.

## Contact us

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