



An artist's impression of the view from Burrows Road, Alexandria once work is completed at the Beaconsfield West substation site.

This project fact sheet provides the community with information on the current stage of TransGrid's Beaconsfield West Redevelopment Project.

For Your Information

TransGrid's Beaconsfield West Redevelopment Project is a \$144 million investment over four years to increase the security and reliability of Sydney CBD's power supply. It is an important investment for the future of the city's electricity supply.

Who is TransGrid?

TransGrid is the owner, operator and manager of the largest high voltage electricity network in Australia, connecting generators, distributors and major end users in New South Wales.

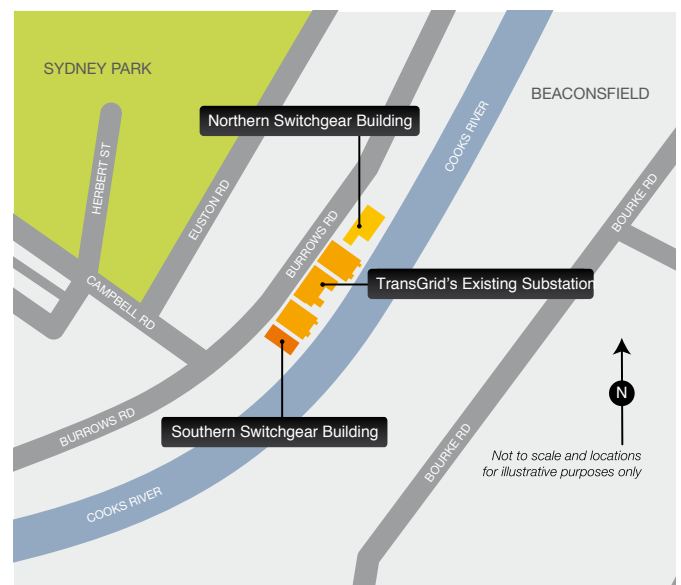
Electricity is transported by TransGrid across the state via 12,500 kilometres of high voltage transmission lines. These power lines are supported by around 36,000 structures.

TransGrid is committed to providing a safe, reliable, efficient and environmentally responsible high voltage electricity service to our customers and the community.

Background to the Project

In 2007, the Australian Bureau of Statistics recorded the NSW population at about 6.8 million with 63% of the state's population living in the Sydney area, with the city's population expected to increase by 1.1 million in the next 25 years. This will mean another 640,000 new homes and over 6.8 million square metres of commercial space.

Commissioned in 1979 as the first major electricity supply point to the Sydney inner metropolitan area, the 330/132kV Beaconsfield West Substation is a vital component of TransGrid's transmission network.



Location of Beaconsfield West Redevelopment Project.

TransGrid constantly monitors the demand for electricity in NSW and has some of the nation's best planners who constantly forecast future electricity demand.

Joint plans between TransGrid and Energy Australia require the upgrade of Beaconsfield West Substation in order to facilitate immediate and planned developments at the site to meet increasing electricity demand.

The redevelopment of the substation, located just 3km South of Sydney's CBD on Burrows Road, Alexandria, is an important project to secure the city's future power supply.

The Beaconsfield West Redevelopment Project

TransGrid's redevelopment of the Beaconsfield West site is planned to take place in two phases between 2009 and 2012:

Phase 1 – Southern Site – By November 2011

- install a new transformer (converts high voltage electricity to a lower voltage for distributors, like Integral Energy and Energy Australia)
- install one new capacitor bank (maintains constant flow of power)
- establish a new switchgear building (contains electrical switching equipment)

Phase 2 – Northern Site – By November 2012

- install a second capacitor bank
- establish a second switchgear building
- build an overhead structure across the existing substation to connect the Northern and Southern buildings

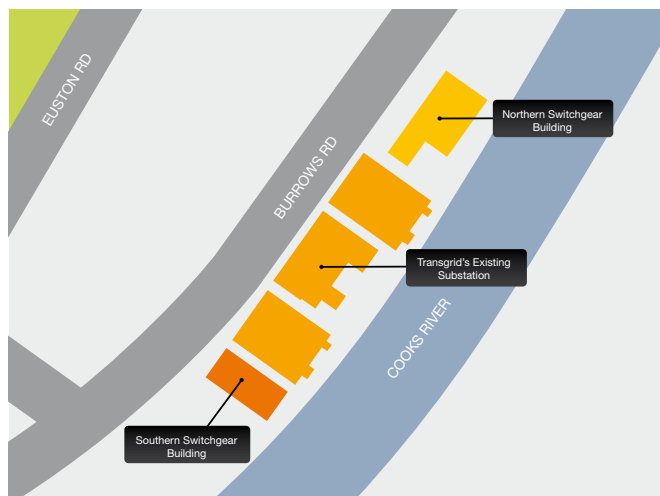
What's the current status of the Project?

TransGrid has started construction works on the Beaconsfield West Redevelopment Project. Two properties next to the existing TransGrid substation site have been demolished to make way for the new switchgear buildings. The property on the southern side will be developed first, followed by the property on the northern side of the substation.

TransGrid closely monitors noise generated during the construction phase and we will be working hard to keep disturbances to landowners and community members to a minimum.

Project timing

Construction on the Beaconsfield West Redevelopment Project commenced in March 2010 and works are expected to be completed by November 2012. Delivery of the transformer during the construction period is scheduled to take place in March 2011.



The redevelopment of the site on Burrows Road, Alexandria is taking place over four years

For further information

For further information on the project, please visit our regularly updated Beaconsfield West Redevelopment Project page at:

<http://www.transgrid.com.au/beaconsfieldwest>

Keeping you informed

TransGrid is committed to keeping residents and businesses informed of the Project's progress. To receive notifications of website updates on the project via email, fill in your details on the Beaconsfield West page.

Contact us

For specific project questions or to request a meeting with a member of the Project Team, please contact TransGrid's Community Liaison Officer on 1800 222 537 or email beaconsfieldwest@transgrid.com.au

You can also send written enquiries or feedback to:

Community Liaison Officer
Beaconsfield West Redevelopment Project
PO Box A1000
Sydney South NSW 1235

Contact us

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