

**SMEC contact details:**

**Sarah Cornwell**

Level 6, 76 Berry St  
PO BOX 1052  
North Sydney, NSW 2060

Ph: (02) 9925 5555  
www.smec.com



**TransGrid contact details:**

**Head Office - Sydney**

201 Elizabeth Street  
Sydney NSW 2000

Postal:  
PO Box A1000  
Sydney South NSW 1235

Project Enquiries: 1800 222 537  
www.transgrid.com.au

**Central NSW - Orange**

64-84 William Street  
Orange NSW 2800

Postal:  
PO Box 906  
Orange NSW 2800

Ph: (02) 6360 8711

**Northern NSW - Newcastle**

Wirra Crescent  
Waratah West NSW 2298

Postal:  
PO Box 93  
Waratah NSW 2298

Ph: (02) 4967 8678

**Western Sydney - Eastern Creek**

200 Old Wallgrove Road  
Eastern Creek NSW 2766

Postal:  
PO Box 87  
Horsley Park NSW 2175

Ph: (02) 9620 0777

**Southern NSW - Yass**

Perry Street  
Yass NSW 2582

Postal:  
PO Box 139  
Yass NSW 2582

Ph: (02) 6226 9666



**TransGrid's Parkes Substation  
Communications Upgrade**

April 2010





### For your information

*This information package aims to provide useful information to interested landowners and community members about TransGrid's proposed communications project at Parkes Substation.*

### Who is TransGrid?

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

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

The transmission network is connected to Queensland and Victoria providing a robust electricity system that enables interstate energy trading.

### Background

TransGrid's substations and transmission lines are operated remotely through a telecommunications network, which transfers system data to network controllers. It is this communications network which manages the protection systems, control mechanisms and network data transfer necessary for the safe and reliable operation of the electricity network.

The proposed communications pole at Parkes Substation is being built to comply with TransGrid's obligations under the National Electricity Rules and Australian Energy Market Operator's Power System Data Communication Standard.

### Proposed Works

An upgrade to TransGrid's communications network is planned for North West Parkes. The proposed works will include the installation of a 30 metre concrete pole, the extension of the existing switchyard and modification of the site security fencing. Vegetation management may also be required to ensure the safe operation and construction of the communications pole.

### Community & Environmental Investigation

TransGrid has engaged the environmental consultants Snowy Mountains Engineering Corporation (SMEC) to undertake a Review of Environmental Factors, as well as consultation with local stakeholders about the project.

The Review of Environmental Factors will be prepared in accordance with *Part 5 of the Environmental Planning and Assessment Act 1979* and the *State Environmental Planning Policy (Infrastructure) 2007*.

### Construction and Installation

For the delivery of the project, TransGrid has engaged specialist construction contractors to undertake the proposed building works at Parkes.

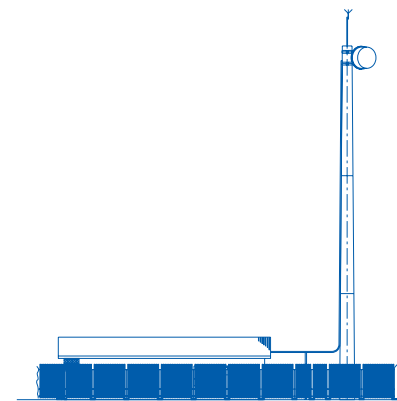
Construction is due to commence in mid-2010 and is expected to be completed in 8 weeks, with approximately 5 workers on-site during that period.

### Building Program

The site works will include:

1. Temporary fencing and signage.
2. Earthworks.
3. Foundations and services trenches.
4. Install pole, shelter and communications equipment.
5. Fencing and finishing.

*Please find enclosed a CD with a visual presentation of the proposed communications site at Parkes.*



*Design concept of communications site*

### Further Information:

*For further information on the Parkes communications upgrade, please contact SMEC, TransGrid's community consultants for this project (see over page).*