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**TransGrid's Murrumburrah 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 Murrumburrah 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 structure at Murrumburrah 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 Harden. The proposed works will include the installation of a 60 metre steel lattice structure, with construction buildings placed outside the substation. Vegetation management may also be required to ensure the safe operation and construction of the communications structure.

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 Murrumburrah.

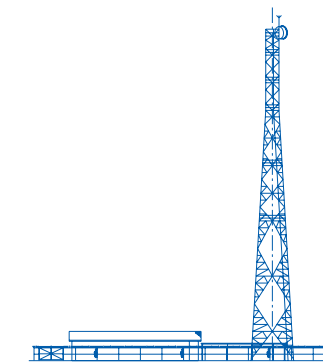
Construction is due to commence in mid-2010 and is expected to be completed in 12 weeks, with approximately 10 workers on-site during that period.

Building Program

The site works will include:

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

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



Design concept of communications site

Further Information:

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