



Jemena Gas Networks (NSW) Ltd

JEMENA GAS NETWORKS (NSW) LTD

LANDOWNER INFORMATION

This document has been formulated by the Company to advise you with:

- information regarding the pipeline and the pipeline affectation area which traverses the property;
- controlled activities in relation to the pipeline affectation area.

The Pipeline

The pipeline was constructed and operates as a licensed pipeline under the NSW Pipelines Act 1967. It is constructed of high-tensile steel pipe with welded joints and is either 864mm (34 inch O.D.) or 508 mm (20 inch O.D.) or 355.6mm (14 inch O.D.) or 273mm (10.75 inch O.D.) diameter.

The pipeline is protected from corrosion by a cathodic protection system, and a continuous polyethylene coating.

The pipeline cover varies according to the location and topography, and changes in the surface level after installation. As such, we are unable to advise a standard depth of cover for any properties.

The pipeline carries natural gas for use in Sydney, Newcastle and Wollongong. The pipeline is capable of supplying enough gas each day to fill a domestic sewer pipe (100mm diameter) from earth to the moon four times, or cover 2500 football fields 1 metre deep.

Under the terms and conditions of the pipeline affectation, and to maintain the integrity and safe operation of the pipeline it is necessary for Jemena to control a number of activities including:

- a) Carrying out any excavation, blasting or earthworks within the affectation pipeline area.
- b) Altering or disturbing existing levels, gradients or contours of the land within the pipeline affectation area.
- c) Constructing any improvements or installations on the affectation area.
- d) Using the pipeline affectation area for transport or parking of any heavy vehicles or equipment (e.g. vehicles with axle loading in excess of 8 tonnes per axle), and
- e) Planting or cultivating trees of any kind upon the pipeline affectation area within 5m of the pipeline.

Further Advice and Information

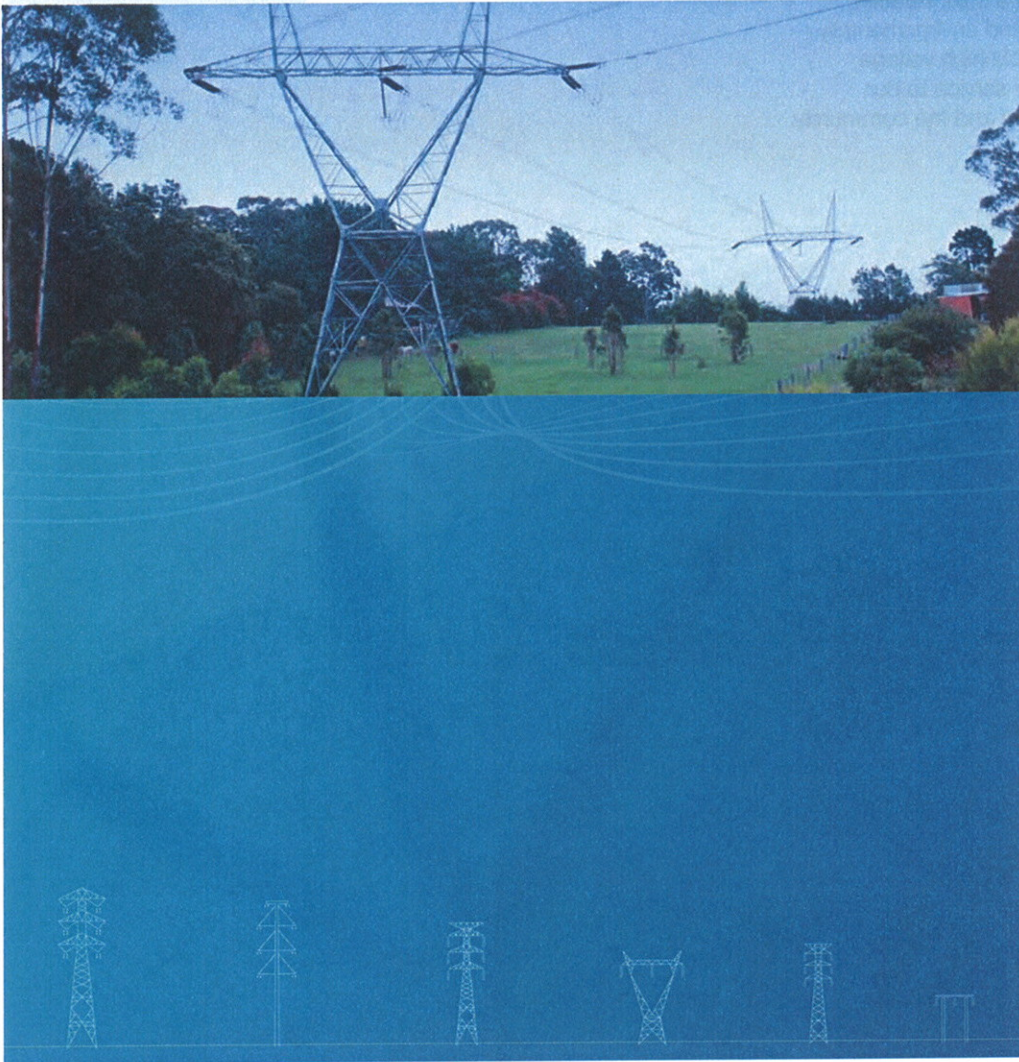
Should you wish to carry out any excavations, earthworks or development on or near the pipeline affectation area, a pipeline patrol officer can call on you, without charge, to give you information or advice and to monitor any approved earthworks. To arrange a site meeting, please contact the Pipeline Patrol Officer for your area:

Anthony Slater	0402 060 370	Hawkesbury R. to Kooragang Is.
Peter Smith	0402 060 374	Windsor to Hawkesbury R.
Mick Rawiri	0402 060 373	Leppington to Windsor
Mick Hollins	0427 310 649	West Hoxton to Wollongong

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TransGrid Easement Guide



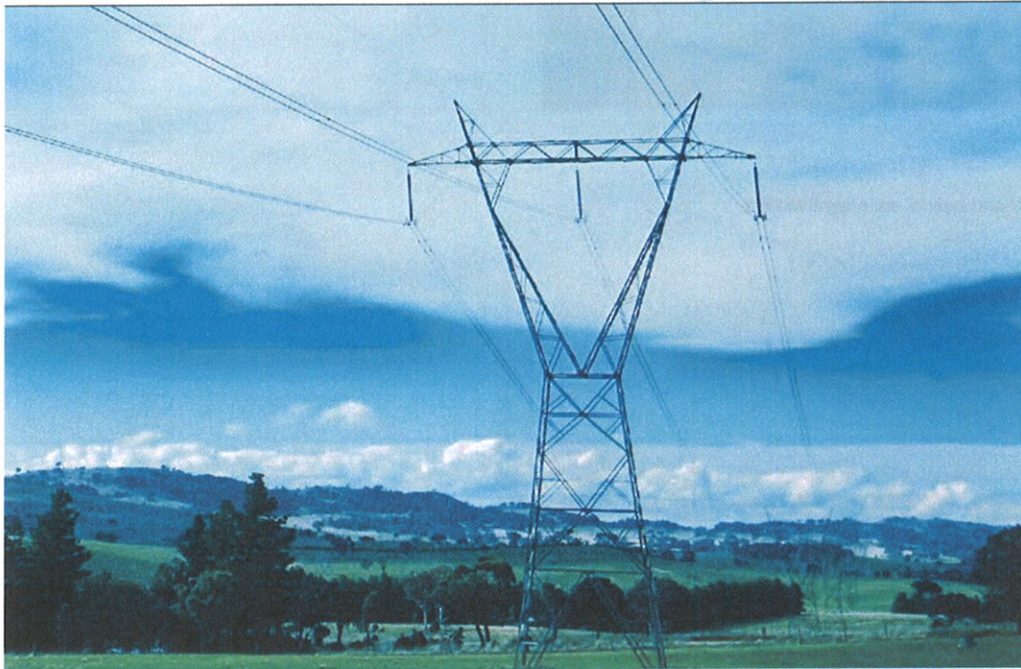
Purpose of this brochure

Most of TransGrid's transmission lines cross private property, which TransGrid requires access to in order to conduct routine maintenance both on and around the transmission lines.

TransGrid establishes easements immediately below and on either side of the lines to ensure we can access the area for routine line inspections and repairs, as well as in the case of an emergency.

This brochure has been produced to provide general information to landholders, community members and the general public living near transmission line easements.

This brochure provides details on the activities that may or may not be permitted within an easement.



Transmission line easements and your safety

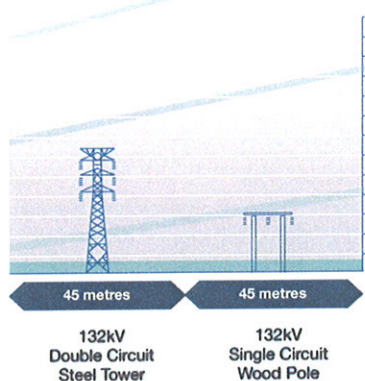
We seek assistance from both landholders and members of the public to report any unusual or unsafe activities they may observe taking place near a transmission lines or its easement.

TransGrid requires clear access to its easements and associated structures at all times.

Employee and public safety is of the utmost importance to us. Should you observe any unusual or suspicious activity, or if you have any concerns regarding the safe operation of our transmission line assets, please don't hesitate to contact TransGrid directly using the details on the back of this brochure.

> TransGrid's approval of controlled activities within easements is assessed on a case by case basis. Landowners should contact us if they have any queries regarding easement activities.

> Landowners are encouraged to seek advice directly from TransGrid on any activities not explicitly described within this brochure.



1. Agricultural activities, subject to restrictions in machinery height of under 4.3m
2. Most domestic recreational activities (excluding the flying of kites and model aircraft)
3. Gardening, provided that mature plant height is under 4m
4. Vehicle parking, provided vehicle height is under 4.3m
5. Storage of non-flammable materials, under 2.5m
6. Minor structures under 2.5m such as washing lines or barbecues (provided that metallic parts are earthed)

1. Operation of machinery exceeding 4.3m
2. Building of fencing and yards
3. Landscaping
4. Use of irrigation equipment
5. Installation of utilities such as electricity, telephone and water
6. Outbuildings such as sheds, stables, garages and carports
7. Additions of unroofed verandas and pergolas to residences
8. Sporting and recreational facilities (including tennis courts)
9. Swimming pools, if the pool is not within 30m of a transmission line structure
10. The development of subdivisions (including the constructions of roads)
11. Excavation
12. Quarrying activities, earthworks and dam construction

1. The construction of houses, buildings or other substantial structures
2. The installation of fixed plant or equipment
3. The storage of flammable materials or explosives
4. The storage of garbage materials or fallen timber
5. Planting vegetation with a mature height which exceeds 4m
6. Any obstructions placed within 15m of a transmission line structure or supporting ropes, wires or chains
7. Flying of kites or model aircraft

When planting trees within the easement area choose a tree whose mature height does not exceed 4m. Do not plant trees that could eventually touch or fall across the high voltage lines.