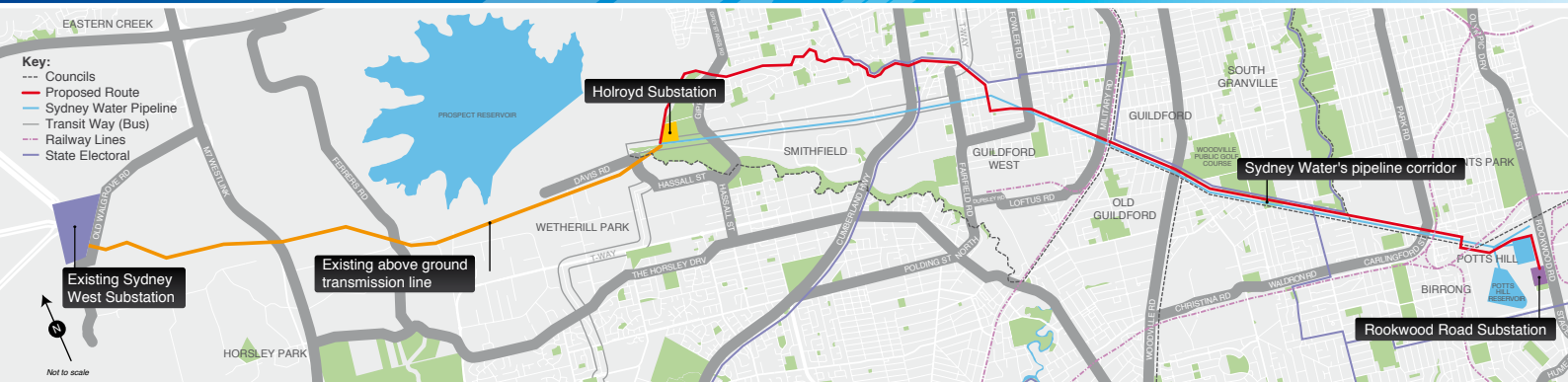


# Western Sydney Supply Project

## COMMUNITY UPDATE

April 2011



Welcome to the latest community update on the Western Sydney Supply Project.

### Dear Residents,

Planning is progressing well for one of TransGrid's biggest investments in the NSW electricity network. \$591 million is being invested in the Western Sydney Supply Project (WSSP) to secure Sydney's power supply for the future.

The city's population is forecast to swell by 1.1 million people in the next 25 years, equating to an extra 640,000 new homes and almost seven million square metres of additional commercial space. This will place increasing demands on Sydney's electricity supply – so new electrical assets are vital to ensure TransGrid continues to provide a reliable power supply into the future.

The WSSP includes the following projects:

- construction of the new Holroyd Substation;
- an upgrade to the existing overhead transmission line between Sydney West Substation and the new Holroyd Substation;
- construction of the new Rookwood Road Substation; and
- construction of new underground electricity cables between the two new substations.

Tenders for the design and construction of the two substations closed in January 2011. TransGrid is currently evaluating tenders and anticipates placing a contract in the near future.

Planning approval for the Holroyd and Rookwood Road Substations has been finalised. Construction on the new substations is expected to start later this year.

In the coming months, the community will have the opportunity to comment on the environmental assessments for the transmission line upgrade and the new underground cables.

Yours sincerely,

The Project Team

### Did you know?

Environmental assessments help us manage the possible effects of a project. This legal document is called a Review of Environmental Factors (REF) and this determines the potential impacts of a project on the area. A total of four environmental assessments (or REFs) will have been undertaken for each part of the WSSP, in line with *Environmental Planning and Assessment Act 1979*. As part of the REF, specialist field studies are commissioned to examine the impact that each project has on ecology, indigenous and non-Indigenous heritage, hydrology, geology and visual amenity.



The overhead transmission line will be upgraded from TransGrid's Sydney West Substation at Eastern Creek.



TransGrid constructed the new Rifle Range and Pigeon Club next to the site of the future Holroyd Substation.

### Transmission Line Upgrade update

The existing overhead transmission line from Sydney West Substation at Eastern Creek will be upgraded to operate at a higher voltage. The upgrade will allow TransGrid to meet the growing electricity needs of Western Sydney as the population increases.

New sections of the transmission line will be built to connect into the new Holroyd Substation – located about 10 kilometres east of the Sydney West Substation. In addition, a new section of high voltage transmission line will be built in the vicinity of the Sydney West Substation.

The environmental assessment for the transmission line upgrade is being prepared and this will be on public display in the coming months. Construction on the transmission line is expected to start in spring 2011.



This is a sketch of the new Holroyd Substation with construction expected to commence later this year.

### Holroyd Substation update

The REF for the new Holroyd Substation has been approved and construction will commence on the new substation. TransGrid received your feedback on the draft REF in June 2010, mainly focusing on the:

- management of traffic and parking during construction of the substation and minimising impact on the cycleway;
- visual impact of the substation building; and
- management of stormwater and waste.

TransGrid is committed to minimising disturbances from construction activity and will implement a plan to reduce impacts on the neighbourhood to manage construction traffic and noise, and minimise the impact on the cycleway.

Landscaping will be undertaken to help maintain the existing visual amenity of the area. The exterior of the substation building will blend in with the new Rifle Range and Pigeon Club, as well as other future developments in the Hyland Road Regional Park planned by Holroyd Council. A Waste Management Plan will be developed to ensure waste is stored securely during construction and prevent waste escaping.

The Holroyd Substation site is located on Hyland Road, Greystanes in the south western corner of Hyland Road Regional Park – the former site of the Rifle Range and Pigeon Club. TransGrid has constructed a new facility and clubhouse near the heritage-listed Hyland Road Youth Centre. The new premises officially opened on 19 February 2011.



TransGrid is proposing to bury the electricity cables beside the canal reserve cycleway between a section of Hyland Road and Palmer Street at Guildford.



A neighbour's view of the Rookwood Road Substation upon completion of the project expected in mid 2012.

## Underground Cables update

The cables will be buried underground between Holroyd Substation and Rookwood Road Substation. TransGrid is currently discussing with Sydney Water about the possibility of using its existing utility corridors for part of the cable route.

TransGrid is proposing to install the cables beside the existing canal reserve cycle way corridor between Hyland Road and Palmer Street at Guildford and then along Palmer Street and Parkes Street. From here, Transgrid proposes to install the cables along Sydney Water's pipeline corridor from Guildford to Potts Hill. Using these corridors provides for a direct route and minimises the disruption to the community and environment at large.

The cables will not pass under any residential properties. TransGrid is committed to working closely with all affected stakeholders and is currently undertaking technical investigations along the proposed route. These investigations will help determine the feasibility of the route and manage any potential environmental impacts this proposal may have.

The REF for the electricity cables is currently being prepared for public display and should be available in the next couple of months. TransGrid has engaged specialist environmental consultants, Perram and Partners, to assess the environmental impact and minimise the effects of the project. Work is scheduled to begin on the new cables in early 2012. Residents, businesses, pedestrians and cyclists in the area may see and hear construction work.

## Rookwood Road Substation update

The Rookwood Road Substation is being built in the new Potts Hill Business Park. The REF has been determined and construction is expected to commence on the new substation late this year.

A number of changes have been made to the final REF after considering stakeholder comments during the public display period. Changes include:

- a commitment to minimise construction traffic on William Holmes Street during peak times of 7:30am – 8:30am and 4pm – 5pm on business days;
- providing visual screening of the substation for neighbours, using mature trees early in the construction program which are expected to be planted later this year;
- a significant reduction in the footprint of the substation building in the south-east corner of the site, enabling more landscaping to occur on the corner of Rookwood Road and William Holmes Street;
- designs of the proposed substation were revised to include building finishes that blend in with the aesthetics of the Potts Hill Business Park and landscaping that complements the existing streetscape; and
- further consultation with key stakeholders in the Business Park about the exterior building finishes.



TransGrid's state of the art control room is staffed 24 hours a day, 7 days a week, monitoring TransGrid's power network and ensuring a safe and reliable electricity supply across New South Wales.

## Have your say on the REF

TransGrid displays all the REF reports and provide an opportunity for the community to have a say on the project. Each REF is displayed for 21 days.

Residents and businesses close to the substations, transmission line and underground cables receive notification of the display periods. Advertisements are also placed in local newspapers.

To ensure you are notified and have an opportunity to comment, please register your interest with us on 1800 222 537 or sign up for email updates below.

## Email updates

For project updates via email, go to [www.transgrid.com.au/westernsydnaysupply](http://www.transgrid.com.au/westernsydnaysupply) and subscribe to updates on the right of the screen. You will be automatically notified of changes to our website, including when new documents (like the REF) are available for download.

## Keeping you informed

TransGrid is committed to keeping residents and businesses informed about the project. Regular community updates will be delivered to residents and businesses to bring you up to date as the project progresses. This community update and project fact sheets are available on TransGrid's website at [www.transgrid.com.au/westernsydnaysupply](http://www.transgrid.com.au/westernsydnaysupply)

## Related fact sheets

- Western Sydney Supply Project – Request for Proposals
- Western Sydney Supply Project – Rookwood Road Substation
- Western Sydney Supply Project – Holroyd Substation
- Western Sydney Supply Project – Holroyd to Rookwood Road Underground Cable
- Western Sydney Supply Project – Sydney West to Holroyd Transmission Line Upgrade

## Contact us

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