

Issue 08, June 2008

## TRUenergy Tallawarra community update

It's been nearly twenty years since a power station was last operating at the Tallawarra site. Now, with TRUenergy about to test and then operate its new Tallawarra power station, residents may be interested to know what living and working near the station will be like.

In fact, there won't be much noticeable change. Using clean, efficient, generation technology, Tallawarra will generate electricity with much less impact on the environment. Stringent government controls will be in place to manage water quality and air emissions, and limit noise. Safety will continue to be a high priority in everything we do. Please read on for more information.

*Anthony Savenkov, Project Manager, Tallawarra Lands*

### What will I see?

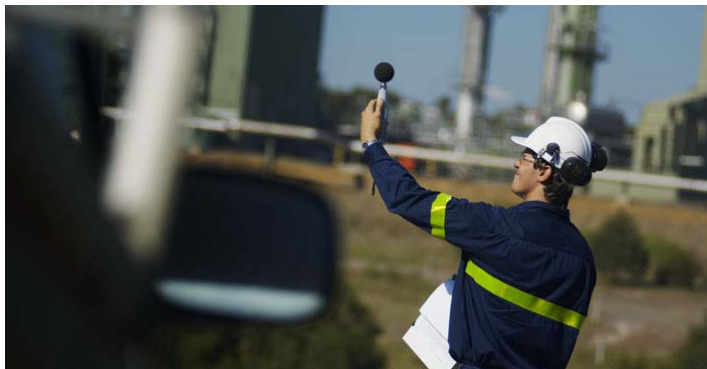
All Tallawarra buildings are now complete. To ensure these facilities blend in with their surrounds, extensive landscaping is underway. We've selected native plants to provide a natural habitat for birds and animals. This vegetation will also form an attractive backdrop to the picnic area we have developed on the lake shore. While having a relatively low profile, the exhaust stack will be lit at night as a safety warning to aircraft. Task lighting will be dotted around the plant to provide security for the plant and a safe workplace for employees.

### What will I hear?

TRUenergy must ensure Tallawarra noise levels stay below government regulated limits. To ensure we do this, the power station has been built within a 35 hectare buffer zone on Tallawarra land, isolating it from nearby houses and businesses. The design and materials used in the power station will also limit noise.



*Noise will be tested to check it is within approved limits*



Residents in the suburbs of Dapto, Koonawarra, Kanahooka and Hayward's Bay live at least one kilometre from the power station. At this distance, noise from the normal operation of the power station will be so low residents won't be able to hear it above everyday sounds they are accustomed to.

### Air quality

Air pollutants are produced as a result of burning natural gas. Tallawarra will use a state-of-the-art combustion system to ensure low emissions. Once the power station starts commercial operation, TRUenergy will be required to operate within the limits of its government regulated environmental licence. This includes air emissions. We must also regularly record air quality data and report this to the Department of Environment and Climate Change, who will monitor our compliance with this important licence condition.

### Lake Illawarra

Lake Illawarra is one of the most significant natural features of the region. TRUenergy is working closely with the Lake Illawarra Authority to ensure the Tallawarra power station does not impact on the lake and surrounding waterways. As with the old power station, the new power station will draw cooling water from the lake via the existing inlet canal. Water will be used to cool the power station, and will then be discharged via the outlet canal. Discharged water will be up to five degrees warmer than incoming water, and will cool rapidly as it disperses down the outlet canal. This small temperature difference is within our licence limits and is much less than the temperature of water discharged by the previous power station. Discharges will pose no threat to lake users or aquatic wildlife.



*Natural wetlands on the site will be protected*



# News

## Site access

Visitors will still be able to access the foreshore and surrounding recreational areas at the end of Yallah Bay Road. Picnic tables and a playground have been provided for public use. Apart from pre-arranged tours and open days, members of the public will not be able to access the power station site. Safety and security is a high priority for TRUenergy and as such, access to the site will be carefully controlled by a security team.

## Further development

TRUenergy is exploring options to develop the lands surrounding the Tallawarra power station.

As a first step, a land rezoning proposal will be exhibited as part of the new Wollongong Local Environmental Planning process. These plans propose a range of recreational, conservation, residential and employment zones – providing a balance between green areas, land for homes, and land to accommodate a future labour force. We will provide you with information on the public exhibition process once Council's timing for this is known.



*Project Manager, Geoff McEntee talks safety with an employee*

Consistent with our commitment to the Illawarra and to providing our customers with a secure energy supply, TRUenergy is also preparing an application to develop another power station adjoining Tallawarra Stage A. TRUenergy is currently completing the environmental assessment required by legislation to ensure the collective environmental impacts of both these stations meet all regulations. More information will be provided as we move through the development process, including the public exhibition process.

## Consultation

Consultation with the community will continue even when the Tallawarra power station starts operating. For instance, our Community Liaison Group meetings will continue to be held at the site regularly. For more information or to find out how to join these meetings as a community group representative, please email our independent chairperson, Brendan, at [brendan@elton.com.au](mailto:brendan@elton.com.au)



*The Tallawarra team in front of the power station*

## Contact us

For more information or copies of earlier updates, please visit [www.truenergy.com.au](http://www.truenergy.com.au) and click on Generation then Tallawarra links.