

# Fact Sheet

## Dalton Power Project

May 2012

### Water Supply

Water supply is a key issue in rural communities. As a result AGL has clarified the proposed supply of operational water to the Dalton Power Project.



Since the publication of the Environmental Assessment for the Dalton Power Project, AGL has continued to address issues that have been raised concerning the supply of operational water to the proposed plant.

AGL now proposes to source the operational water requirements of the plant from groundwater (bore) sources on site.

In addition, AGL has confirmed that the Dalton Power Project will utilise Class F turbines. The conservative estimate for operational water requirements for these turbines would be 12.5ML/yr for Stage 1 and 25ML/yr for Stage 2.

#### Water Testing

AGL has examined the supply of the operational water requirements for the proposed Dalton Power Project through use of on-site groundwater sources.

AGL engaged a specialist (Hydroilex) to undertake pre-testing of potential water supply bores on its property at Dalton.

As a result of the drilling and testing of bores on site, AGL has been able to confirm

that sufficient water is available through on-site bores to meet the requirements of the proposed Dalton Power Project for operational water.

#### Is Water Trucking Still Required?

After the first three months of construction bore water will be available and the needs of the power plant will be met from on-site sources.

Consequently, for the bulk of construction activities it is now proposed that AGL will no longer need to truck water onto the site. However, some water will still need to be trucked in for dust suppression purposes at the start of construction.

Following construction, the trucking of a small amount of potable water to the site would still be required to meet the needs of the small number of permanent staff (<10) at the facility.

The quantity required would be limited to 200 to 300 KL of potable water per annum.

#### Will the AGL bores affect other bores in the area?

The study undertaken by Hydroilex for AGL confirmed that there would be no impact on other bores in the Dalton area because:

- › The nearest existing bore is approximately 2.3 kms from the Dalton site
- › The aquifers intersected by the AGL bores are not in direct hydraulic connection with the Dalton town water supply bores or any existing stock and domestic bores

All results were reviewed and found acceptable to the NSW Office of Water.

Hydroilex has provided recommendations for on-going monitoring to ensure the long term management of groundwater resources at the Dalton site and the surrounding area.

Ongoing monitoring results will be reported to the NSW Office of Water in accordance with licence conditions.

During extreme drought conditions, any changes to the level of the aquifers would be recorded by this monitoring so that appropriate action can be taken.

Energy in  
action.®



AGL Energy Limited  
ABN 74 155 061 375

[www.agl.com.au/dalton](http://www.agl.com.au/dalton)

For more information, please contact:

**Neil Cooke**  
Manager, Power Development  
Direct: 02 9921 2155  
Mobile: 0402 059 855  
Email: [ncooke@agl.com.au](mailto:ncooke@agl.com.au)

**Karen Winsbury**  
Media Manager  
Direct: 03 8633 6388  
Mobile: 0408 465 479  
Email: [kwinsbury@agl.com.au](mailto:kwinsbury@agl.com.au)