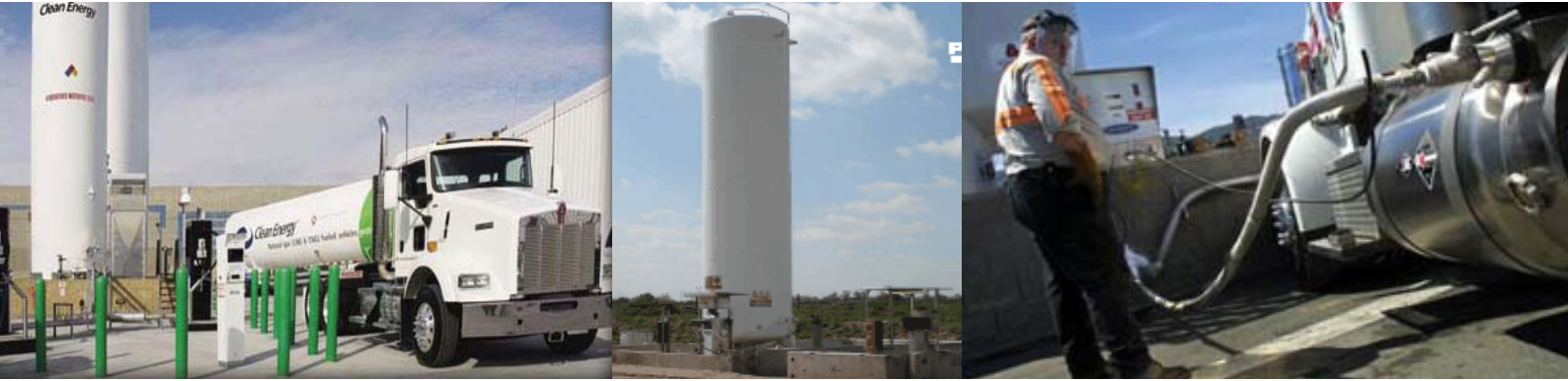


Liquefied Natural Gas Refuelling Stations, 2008/09



In 2008/09, JMG worked with LNG Refuellers Pty Ltd to develop a state-wide network of LNG refuelling stations supplied from a central LNG plant at Westbury.

The LNG network will provide solely for the LNG Refuellers consortium. However, the move towards LNG refuelling will provide benefits to Tasmania as a whole in terms of reduced greenhouse gas emissions and reduced dependence on foreign oil.

The refuelling stations operate unmanned and include:

- > 80,000 litre storage tank, with a height of 15m and 3.3m diameter;
- > Pump skid and security fence;
- > Control building;
- > Two bowsers for concurrent refuelling;
- > 4.5m x 15m concrete infrastructure pad.

The liquefied natural gas is stored in an insulated tank at -165°C .

JMG contributed Planning, Civil, Structural and Electrical Engineering expertise to the project.

Key Issues

- > **Safety**
The large volume of onsite LNG required approval from Workplace Standards Tasmania and adherence to the Australian Gas Standards. JMG attended mediation meetings with Council and civilians.
- > **Community consultation**
JMG attended community consultation meetings and councillor briefings about the project to ensure that any concerns with the project were addressed.

As there was often considerable community concern regarding safety in particular, effective communication was a key aspect of the project.



Mat Clark
Senior Town Planner

Mat Clark heads JMG's Town Planning Team.

For enquiries, contact Mat on (03) 6231 2555 or via email at mclark@jmg.net.au

www.jmg.net.au