



Energy in
action®



Newcastle Gas Storage Facility Fact Sheet

Energy for Newcastle, the Central Coast and the Greater Hunter region.

We need to know that our energy supply will be secure and capable of meeting our demands. AGL's Newcastle Gas Storage Facility (GSF) will address this need.

The GSF will provide a safe and effective way to store natural gas, which is transported to Newcastle through existing gas pipelines between Sydney and Hexham.

The Facility will have the capacity to store about two weeks' supply of gas for the Greater Newcastle region. It will play a critical role in ensuring security of supply during periods of peak energy demand or supply disruptions. It will allow AGL to ensure customers are not affected by supply constraints, particularly on cold winter days. Facilities like this are commonly used around the world. A similar facility is located in Dandenong, Victoria, providing a strategic gas reserve for Melbourne.

Installation of the GSF and associated infrastructure is estimated to cost about \$300 million. The construction phase will provide employment opportunities in the region, as it will need a workforce of up to 300 people. Operation of the GSF will create an estimated 15 permanent full-time jobs.

Newcastle GSF.

The GSF will comprise a refrigeration plant which cools natural gas to a liquid (LNG) at about minus 161 °C, an LNG storage tank and re-gasification units that convert LNG back to pipeline quality gas. The GSF also requires a new gas pipeline connecting it to the existing network at Hexham.

The stored LNG can be re-gasified and re-injected into the gas distribution network for supply into the Newcastle, Central Coast and Greater Hunter region gas market.

The stored LNG can also be transferred by road tanker for use as an alternative, lower carbon intensity fuel, for heavy duty transport vehicles or for remote power generation.

The Tomago industrial area is AGL's preferred site for the GSF as it is appropriately zoned for this type of development and is near Newcastle, a major gas demand centre. Refer to the map on the next page.



▲ An AGL employee monitors gas flows.

About us

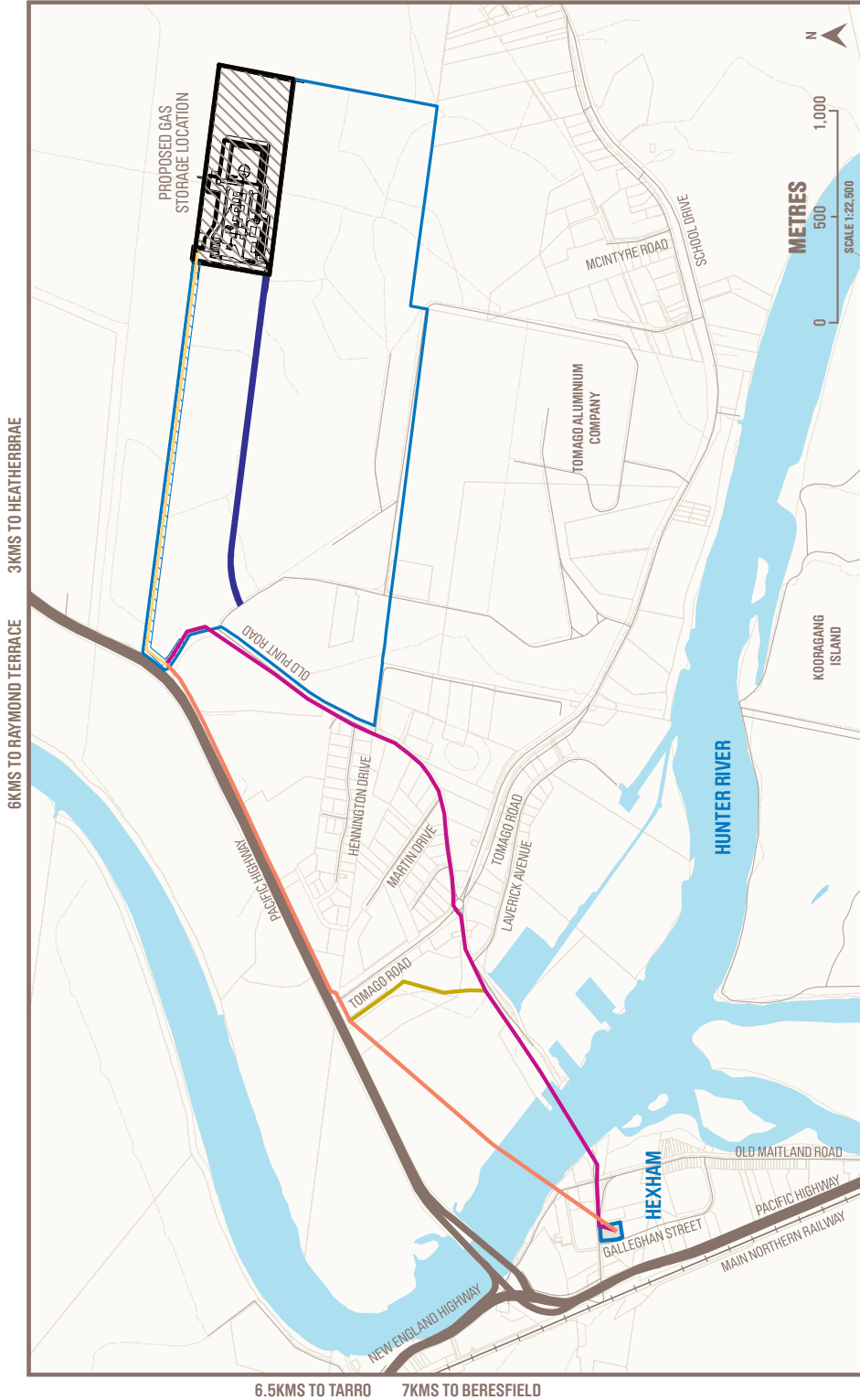
AGL has been operating in Australia for over 170 years and was one of its first listed companies.

AGL is Australia's leading renewable energy company and is Australia's largest private owner, operator and developer of renewable generation assets. AGL also operates retail, merchant energy and upstream gas businesses and has over three million customer accounts.

AGL is taking action towards creating a sustainable energy future for our investors, communities and customers.

Newcastle GSF Project Layout.

10KMS TO WILLIAMSTOWN 10KMS TO FULLERTON COVE



6KMS TO RAYMOND TERRACE 3KMS TO HEATHERBRAE

AERIAL DISTANCES

Disclaimer: While AGL has taken great care and attention to ensure the accuracy of the data represented on this map, no liability shall be accepted for any errors or omissions. No part of this map may be reproduced without prior permission of AGL.

8KMS TO WORABROO 6.5KMS TO SANDGATE

LEGEND	
	Pipeline Corridor
	Hexam Receiving Station Site
	Option 1 & 2
	Option 1
	Option 2
	Hybrid Option
	Gas Pipeline Access Corridor
	Primary Project Area
	Access Road
	Proposed Gas Plant Site
	Lot 105
	Highway
	Roads
	Vehicular Track
	Railways
	Coastline
	Waterbody

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For further information:
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