



## Fact Sheet

# Viva Energy Gas Terminal

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Viva Energy is a leading Australian company which supplies about a quarter of our country's fuel needs. We have a proven track record in making, importing, blending and delivering fuels, lubricants, solvents and bitumen using our extensive national and international supply chains. For motorists and truck drivers, we supply Shell and Liberty branded service stations with millions of litres of fuel every year to keep them on the road.

We are a vital part of our country's current and future energy security. The Australian economy relies on the products we supply, our experience in operating supply chains safely and reliably, and our commitment to helping Australian motorists, businesses and industries. In Victoria, our refinery at Geelong manufactures and supplies more than half of the state's fuel needs and employs more than 700 people.

To support Australia's energy future, in June 2020 we shared our vision to create the Geelong Energy Hub at our refinery. Key to this vision is the plan to develop a gas terminal using a Floating Storage and Regasification Unit (FSRU) and a pipeline to get the gas to market.

The Gas Terminal being adjacent to the Geelong Refinery would leverage our capability as an existing Major Hazard Facility (MHF) operator and offer potential synergies between the two facilities such as the ability to reuse the FSRU seawater discharge in the refinery's existing operations.

Liquefied Natural Gas (LNG) would be sourced from local and worldwide suppliers and be transported by LNG carriers to the Gas Terminal in Geelong to help meet the projected gas shortage in south-east Australia.

LNG carriers would berth alongside the FSRU and unload the LNG where it will be stored and regasified as required, before being transported via a new Pipeline connecting to the Victorian Transmission System (VTS) to meet south-eastern Australian gas market demand.

## Why do we need a gas terminal?

Victorian manufacturing, businesses and households currently consume over a third of gas demand in south-eastern Australia so having secure and competitive supply of gas is critical to our economy and our livelihoods.

A range of market experts (AEMO and ACCC) and commentators have advised that a gas shortfall could emerge in the south-east of Australia by 2023 and that a range of measures will be needed to fill this gap. This could include more exploration and development of gas reserves in southern Australia, pipeline expansions and/or the development of LNG terminals.

# Details

The Viva Energy Gas Terminal Project (the Project) includes:

- 1 Extension of the existing Refinery Pier.
- 2 Localised dredging to accommodate new berth and ship turning (indicative area only).
- 3 Gas terminal using a Floating Storage and Regasification Unit (FSRU).
- 4 Aboveground section (~2.5km) of new pipeline from FSRU to new treatment facilities within refinery boundary.
- 5 Underground section (~4km) of new pipeline to the Victorian Transmission System (VTS) at Lara.

The project is subject to relevant regulatory and Viva Energy Board approvals.



# Benefits

Gas supply	Location	Environment	Geelong Refinery
<p>New source of gas for south-east Australian Gas market to fill projected gas shortages</p> <p>Short gas Pipeline length (~6.5km) from gas terminal to VTS at Lara</p> <p>Majority of the Pipeline (~4.5km) will be underground</p> <p>Proposed Pipeline corridor impacts a small number of landholders</p>	<p>Strategic location in major bulk port</p> <p>Access to Port of Geelong shipping channel</p> <p>LNG carrier visits represent a small increase (~5%) in total ship traffic to Port of Geelong</p>	<p>Environmental impacts potentially minimised through proposed reuse of FSRU seawater discharge in existing refinery operations</p> <p>Limited number of sensitive receptors</p>	<p>Long history working with our neighbours and investing in our local community</p> <p>Existing industrial complex – operated by an experienced MHF operator</p> <p>Potential for FSRU seawater discharge to be managed within existing refinery licence</p>



## Quick Facts

**~200PJ**

The approximate amount of gas Victoria uses each year (in Petajoules)

**140PJ**

The amount of gas each year our terminal could supply (in Petajoules)

**60%**

Of Victoria's gas used for household and business needs in 2019

**3x**

Victoria's gas demand in winter increases threefold compared with summer

**20 to 45**

The typical number of LNG carriers that would visit Geelong each year

**1.5 days**

The typical time it would take to discharge an LNG carrier

**Reuse**

The seawater discharge from the FSRU in existing refinery operations

**~6.5km**

The total length of the Pipeline from the FSRU to the Victorian Transmission System

**~570m**

The approximate length of the new pier

**300m**

The approximate length of an FSRU (in metres)

## Timeline

We are about to commence more detailed environmental assessments and scoping works ahead of the relevant approvals processes. Community engagement and consultation is an important part of these processes and will be undertaken throughout the life of the Project.

The Project timeline is dependant on the regulatory approvals process, third party agreements, construction techniques, and Project execution.

Following regulatory approvals and any Final Investment Decision, we are targeting construction commencing in 2023, with the facility operational in 2024.

## Consultation

Initial consultations have commenced and we will continue to engage with the community and other stakeholders throughout the Project.

For the gas Pipeline, engagement with any potentially affected landowners and occupiers will be required to conduct survey works and to finalise the proposed Pipeline alignment.

Details of any upcoming community consultation will be provided on the Project website.

*Viva Energy will adhere to any Government imposed restrictions on public gatherings and consultation may be conducted virtually or via other COVID-safe methods such as, newsletters, letterbox drops, website updates etc.*



**If you have any questions about the Project, please contact Viva Energy's Project Team**

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**VIVA**  
EnergyAustralia