

Long Island Point Plant

The Long Island Point Plant, situated near Hastings, 75 kilometres south-east of Melbourne, plays a vital role in the Bass Strait production system.



Fast facts

- Commenced operation in 1970
- Employs around 80 people directly and supports other contractor roles
- Average daily output of stabilised crude oil in 2016/2017 was approximately six megalitres
- Average daily output of ethane in 2016/2017 was approximately 600 tonnes
- Average daily output of propane in 2016/2017 was approximately two and a half megalitres
- Average daily output of butane in 2016/2017 was approximately two megalitres
- An average of 25 trucks are loaded with LPG at Long Island Point each day.

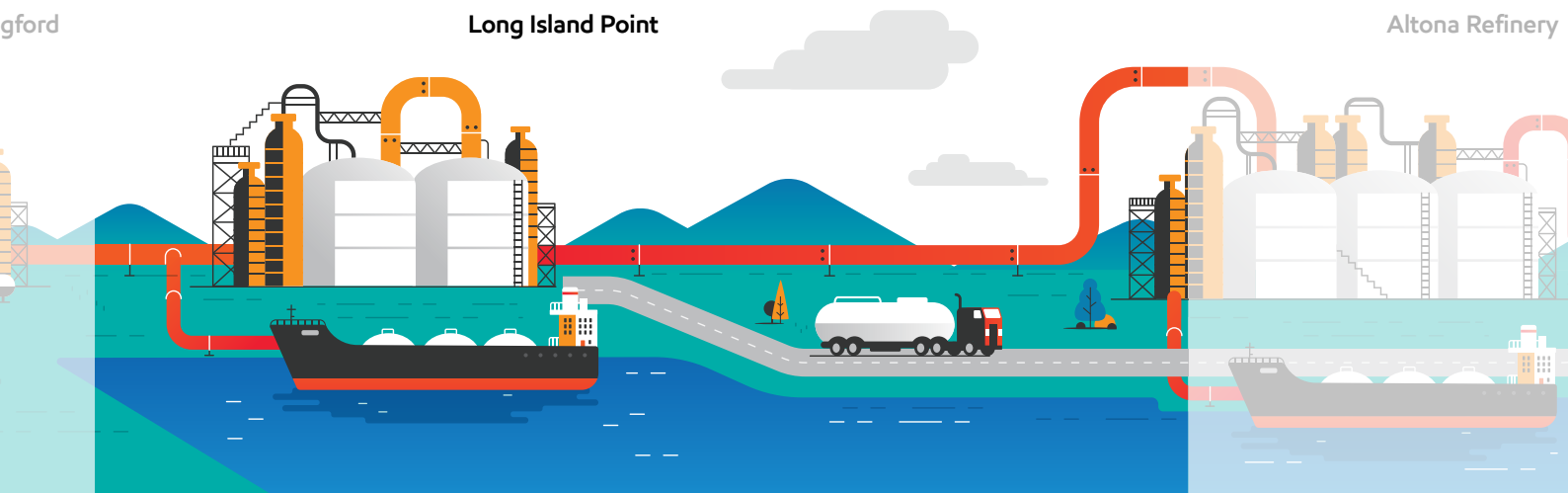
The 158 hectare site houses three gas liquids fractionation trains, 19 pressurised Liquefied Petroleum Gas (LPG - propane and butane) storage vessels, seven refrigerated atmospheric pressure LPG storage tanks, eight crude oil storage tanks, a LPG truck loading terminal and a jetty for loading LPG and crude oil onto ships. The site also has a laboratory, warehouse, workshop and administration building.



gford

Long Island Point

Altona Refinery



Our Long Island Point Plant operations

Production

Long Island Point Plant carries out the final stage in the processing of the gas liquids (ethane, propane and butane) and stores crude oil prior to distribution to refineries in Australia and overseas.

Distribution

Long Island Point Plant receives LPG and crude oil from Longford, the onshore receiving point for oil and gas from the GBJV production facilities. At Long Island Point, LPG is processed, stored and distributed to customers by ship, truck and pipeline. Crude oil is stored and distributed by ship and pipeline.



Ethane pipeline

A 10 inch, 78 kilometre long pipeline carries ethane from the Long Island Point Plant to chemical plants in Melbourne's western suburbs. The pipeline runs underground to Mordialloc, then runs underwater for the crossing of the northern part of Port Phillip Bay, before travelling overland and terminating at chemical plants in Altona. It is located in a safe zone outside Port of Melbourne Corporation anchorages, and clearly marked on navigational charts.

The line is continually monitored from both ends of the line. A maintenance program is undertaken for this pipeline to ensure its integrity, including frequent and regular patrols using planes, road vehicles or on foot as appropriate.

WAG pipeline

Crude oil is transported to the Altona and Geelong refineries via the separately owned and operated WAG pipeline.

Jetty

The jetty at Long Island Point is a major loading facility for LPG and crude oil. It sees around 50 vessels a year from around Australia and the world. The Port of Hastings Development Authority own and maintain the jetty. It has an extensive

emergency response system, including emergency shutdown systems and firefighting equipment, along with booms and oil spill response equipment.

Safety is our priority

We place the highest priority on operating flawlessly in all aspects of our business. One of the key tools in maintaining safe operations is the ExxonMobil Operations Integrity Management System which provides a systematic process to set objectives, measure progress, plan improvements and ensure accountability for results.

Long Island Point Plant has detailed response plans in case of emergency, including a number of ways to communicate with the local community. We conduct regular emergency drills and liaise closely with local authorities and emergency services.

Victorian Government regulations require Long Island Point Plant to be licensed as a Major Hazard Facility because it stores, handles and processes large quantities of flammable products. In line with this requirement, a detailed Safety Case has been developed, identifying risks associated with potential major incidents and putting in place procedures to ensure these risks are eliminated or reduced so far as practicable.

Environmental management

We are committed to achieving and maintaining excellence in environmental care throughout our operations. Long Island Point operates under an environmental licence issued by the Environment Protection Authority Victoria.

Community outreach

Long Island Point Plant is an active and engaged member of the local community. We ensure that we remain in touch with the views and concerns of the many stakeholders that reside within the community through regular engagement with local government, opinion leaders, NGOs, local businesses and community groups to ensure we listen, understand and appropriately respond to our commitment of being a responsible corporate citizen.

Additionally, Long Island Point Plant supports a number of community, environmental and education programs in the area by providing funding to local schools and community groups.

The Gippsland Basin Joint Venture (GBJV) oil and gas fields and associated production and processing facilities, including the Long Island Point Plant, are owned by Esso Australia Resources Pty Ltd (EARPL) and BHP Billiton Petroleum (Bass Strait) Pty Ltd (BHPB) in a 50:50 joint venture. EARPL receives services, including personnel, from its wholly owned subsidiary, Esso Australia Pty Ltd (Esso). Esso has day-to-day management and control of the operational assets and is the designated operator for safety and environmental purposes under the relevant legislative frameworks.

