

Tilbury Phase 2 LNG Expansion project



Rendering of potential Tilbury Phase 2 LNG Expansion project

请阅读。重要信息。

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Pakibasa ito. Mahalagang Impormasyon.

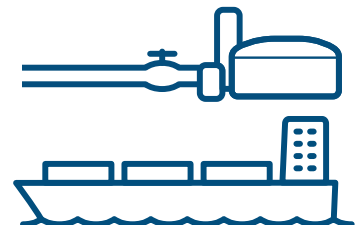
ਕੁਝਾ ਪੜ੍ਹੋ। ਮਹੱਤਵਪੂਰਨ ਜਾਨਕਾਰੀ।

ਕਿਰਪਾ ਕਰਕੇ ਇਸ ਨੂੰ ਪੜ੍ਹੋ ਜੀ। ਮਹੱਤਵਪੂਰਨ ਜਾਣਕਾਰੀ।

Please read. Important information.

For more than 50 years, the Tilbury LNG facility has been at the heart of BC's energy system, providing natural gas on the coldest days of the year. Over time, the needs of our customers have evolved and so has Tilbury. The Tilbury Phase 2 LNG Expansion is our next step and would position the facility for an increasingly low-carbon future. The project would strengthen our gas system, ensuring we can continue to provide energy to 700,000 homes and businesses in the Lower Mainland when they need it most. Transportation customers are already using LNG from Tilbury as an alternative to diesel and it's helping overseas customers transition away from coal. The project would increase our capacity to supply LNG to customers which could reduce their carbon footprints and reduce air pollution. The project would include:

- a new tank of up to 142,400 cubic metres that could increase the site's storage capacity by approximately 2.5 times
- new liquefaction capacity of up to 2.5 million tonnes per year to help meet growing regional and international demand



Regulatory approvals and Indigenous engagement

Proposed environmental assessment (2020 to 2023)

Includes comment period



The Tilbury Phase 2 LNG Expansion project will be subject to an environmental assessment process led by the BC Environmental Assessment Office (BC EAO). FortisBC has filed a detailed project description with the Impact Assessment Agency of Canada and the BC EAO to begin this process.

We're committed to ongoing engagement with Indigenous groups so we can better understand the interests, concerns and visions of their respective communities. As the project develops, we will work with Indigenous groups on securing opportunities where possible for procurement, training and employment as well as oversight of construction and operation.

The proposed storage tank is also subject to approval by the BC Utilities Commission (BCUC). FortisBC submitted an application to the BCUC for approval of the tank as part of the Tilbury Phase 2 LNG Storage Expansion project in December 2020.

FortisBC is committed to continuing engagement with the local community. If approved, construction is expected to start as early as 2023 and be complete as early as 2028.

Project benefits

Reliable energy supply

- The project's increased storage capacity would enhance our gas system's ability to withstand unforeseen events and maintain reliable service for Lower Mainland homes and businesses.

Greenhouse gas emissions reductions

- The project's added liquefaction capability could produce enough LNG to reduce greenhouse gas emissions by 5 million tonnes or the equivalent of removing 1.5 million cars from the road if used to displace coal overseas.

Air pollution reductions

- When LNG produced by the project's added liquefaction capability is used as marine fuel, it could reduce air pollutant emissions including up to 99 per cent less particulate matter, 99 per cent less sulphur oxides and 95 per cent less nitrogen oxides than petroleum-based fuel.

Economic and employment opportunities

The project could:

- add about \$1.7B to BC's GDP during construction and an estimated \$700M annually during operation
- generate more than \$300M in tax revenues during construction and more than \$280M annually during operation
- create more than 6,000 full time jobs during construction and 110 once in operation



About LNG

- LNG is made from the same natural gas we use in our homes every day. It is produced by cooling natural gas to -162 °C to make it easier to store and transport.
- LNG is stored at low pressure inside a double-walled tank. It cannot burn inside the tank because there is no oxygen to react with.

Stay informed

Sign up for project updates at talkingenergy.ca/tilburyphase2.

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