

Energy



Liquefied Natural Gas (LNG)

The North American demand for gas is forecasted to exceed the traditional basin supply, and new sources of gas are being pursued. By 2015, it's expected LNG will make up 15 per cent of the gas supply in North America, and TransCanada is well positioned to connect markets to LNG.

Our strategy

- We believe that the most practical, cost-effective and least disruptive way to satisfy the demand growth is to introduce a new supply source like LNG, at points located as close as possible to the major markets in the region.
- Our existing gas pipeline infrastructure can deliver greater volumes of natural gas with lower levels of capital investment because we focus on terminal sites near our assets.
- We seek partners with access to LNG supplies.
- Our focus is on regasification terminals that are supported by long-term fee-for-service contracts.

Proposed projects

TransCanada is actively pursuing two proposed LNG projects, the Broadwater Energy and the Cacouna Energy projects, capable of regasifying a combined total of 1.5 bcf/d of natural gas into the eastern Canadian and north eastern U.S. markets.

Broadwater Energy

Broadwater Energy, a joint venture with Shell, offshore of New York State in Long Island Sound, would be capable of receiving, storing and regasifying imported LNG with an average send-out capacity of approximately one Bcf/d of natural gas.

Cacouna Energy

Cacouna Energy, a joint venture with Petro-Canada, at Gros Cacouna harbour on the St. Lawrence River, would be capable of receiving, storing and regasifying imported LNG with an average send-out capacity of approximately 500 mmcf/d of natural gas.

LNG facts

- LNG is produced in countries such as Trinidad, Nigeria, Qatar, and Australia. Some of the world's largest reserves of natural gas are found in Russia, and it is expected to produce LNG in the near future.
- In the past 45 years, there have been more than 40,000 LNG shipments worldwide, covering more than 100 million kilometres. During that time, there have been no incidents involving serious injuries associated with LNG shipping or any material loss of cargo.

Our energy business concentrates on power generation and marketing, gas storage and liquefied natural gas terminals. With our industry leading experience in energy infrastructure development, operations and marketing, combined with excellent project management skills, financial strength and acumen, we are positioned to be the partner and developer of choice. We focus on regions where we enjoy significant competitive advantage and are committed to social responsibility and being a cost conscious, reliable and safe operator of energy assets.

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