



THE NATIONAL GAS COMPANY  
OF TRINIDAD AND TOBAGO LIMITED



### Why this recent infrastructure expansion

Over the past 39 years, NGC has maintained a reliable supply of natural gas to its customers in the heavy industrial and LIC sectors. With these recent expansions, NGC has the capacity to provide an even more reliable supply of natural gas. These initiatives have followed the pattern of expanding infrastructure to match increases in demand from either existing customers or new ones.

### What's next?

New design technologies utilized at the NGC Cove inlet facility allow for higher processing and transportation capability to support any additional gas supplies needed in the future whether at Cove or at network extensions earmarked for Barbados or the Eastern Caribbean.

NGC is at the same time aggressively increasing its supply of natural gas to the LIC sector via industrial parks and CNG refueling stations throughout Trinidad and Tobago.

### NGC is 1,000 km of pipeline and counting...



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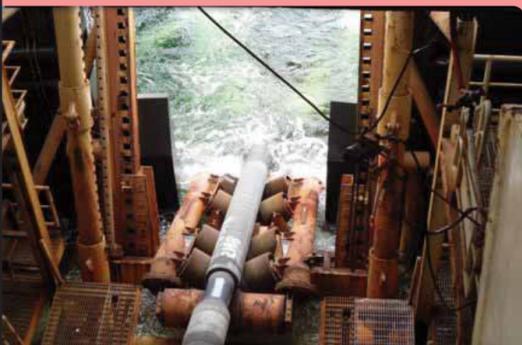
# 1,000 km Of Pipeline And Counting

NGC's mandate is to build and expand the local natural gas energy landscape by its provision of the necessary pipeline infrastructure to meet increases in demand for natural gas by the gas-based industry and manufacturing concerns.

With the successful completion of three significant transmission pipeline construction projects by The National Gas Company of Trinidad and Tobago during the period 2009-2012 and the ongoing expansion of the distribution pipeline system that connects customers to the natural gas grid, the country can boast of a 1,000 km (620 miles) natural gas network of pipelines. This network comprises both onshore and offshore pipeline segments, transmission and distribution pipelines that span not only the island of Trinidad, but connect the sister island of Tobago to the natural gas energy resource.

### Recently completed projects:

- **Tobago Pipeline and Gas Receiving Facility at Cove Eco-Industrial and Business Park**
- **North-Eastern Offshore Pipeline (NEO)**
- **Union Pipeline and Metering Station**
- **Light Industrial and Commercial (LIC) Network Continued Expansion**



*Tobago Pipeline and Gas Receiving Facility under construction*



*Tobago Pipeline Gas Receiving and Metering Facility completed*

## The three major Transmission Projects and LIC continued expansion

The Tobago Pipeline, the North-Eastern Offshore Pipeline (NEO) and the Union Pipeline are the most recent additions to NGC's transmission pipeline network. This as the company continues to meet the demand of its existing customers who utilize natural gas in their daily operations and to provide a supply of natural gas to new customers coming onto its customer base. The completion of these three pipelines added 153 km (95 miles) to NGC's transmission network.

### The Tobago Pipeline

The Tobago Pipeline was constructed northwards from the BHP Billiton's Gas Export Platform (GEP) for 54 km (33 miles) as a marine line before coming ashore at the Cove Eco-Industrial Business Park at Lowlands, Tobago and terminating at the NGC Cove Gas Receiving and Metering Facility which was constructed at the same time as the pipeline.

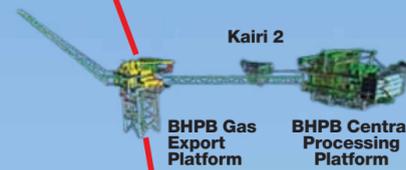
### The Tobago Natural Gas Receiving Facility

This facility is located next to the T&TEC Power Generating Plant and was commissioned in November 2012. It can fuel the 75 megawatt T&TEC power station and the manufacturing concerns projected to use the estate in the future.

This connection of the pipeline to the facility can also be the staging point for any future natural gas pipeline connections to Barbados and to other islands in the Eastern Caribbean.



**12" TOBAGO PIPELINE  
LENGTH: 54,226m**



**36" NEO PIPELINE  
LENGTH: 84,874m**



*North-Eastern Offshore Pipeline under construction*



*Union Pipeline and Metering Facility under construction*

### The North-Eastern Offshore Pipeline (NEO)

The NEO pipeline was constructed southwards from the Gas Export Platform as a marine line for 84km (52 miles) before coming ashore at the Mayaro Bay Regulator Station. From there, the NEO line was laid as a land line for 10.5km (six miles) to the Beachfield Upstream Development (BUD) gas receiving facility in Abyssinia, Guayaguayare where it was connected to NGC's existing network of pipelines.

### Light Industrial and Commercial (LIC) Distribution System Expansion

The ongoing expansion of the distribution system keeps up with demand for natural gas from small customers. Today, 70km (43miles) of distribution pipelines serve a Light Industrial and Commercial (LIC) customer base of 120 or 131 sites with natural gas for manufacturing, gas cooling and transportation. From Wallerfield to Westmoorings to La Brea, this supply has contributed to the growth and expansion of the LIC sector.

### Union Pipeline

Union Pipeline, the third transmission pipeline to be recently constructed, has a different origin and purpose. It originates from the 56-inch diameter Cross-Island Pipeline (CIP) at a tap off point located at Pablito Trace, off Grant Trace in Rousillac, South Trinidad. This 24- inch line is intended to supply natural gas to customers on Union Industrial Estate, its main customer being the power generation plant of Trinidad Generation Un-limited (TGU). Its other customers are Lake Asphalt and other business concerns located on the adjoining La Brea Industrial Estate.

### The Union Metering Facility

The metering and pressure regulating facility associated with Union Pipeline was constructed on the Union Industrial Estate, to service the customers on both the Union Industrial Estate and the La Brea Industrial Estate.



*Union Pipeline Metering Facility completed*

