



2nd Hemispheric Conference of Energy Regulators

LNG as an Incentive to Regional Cooperation - Trinidad and Tobago

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Trinidad and Tobago

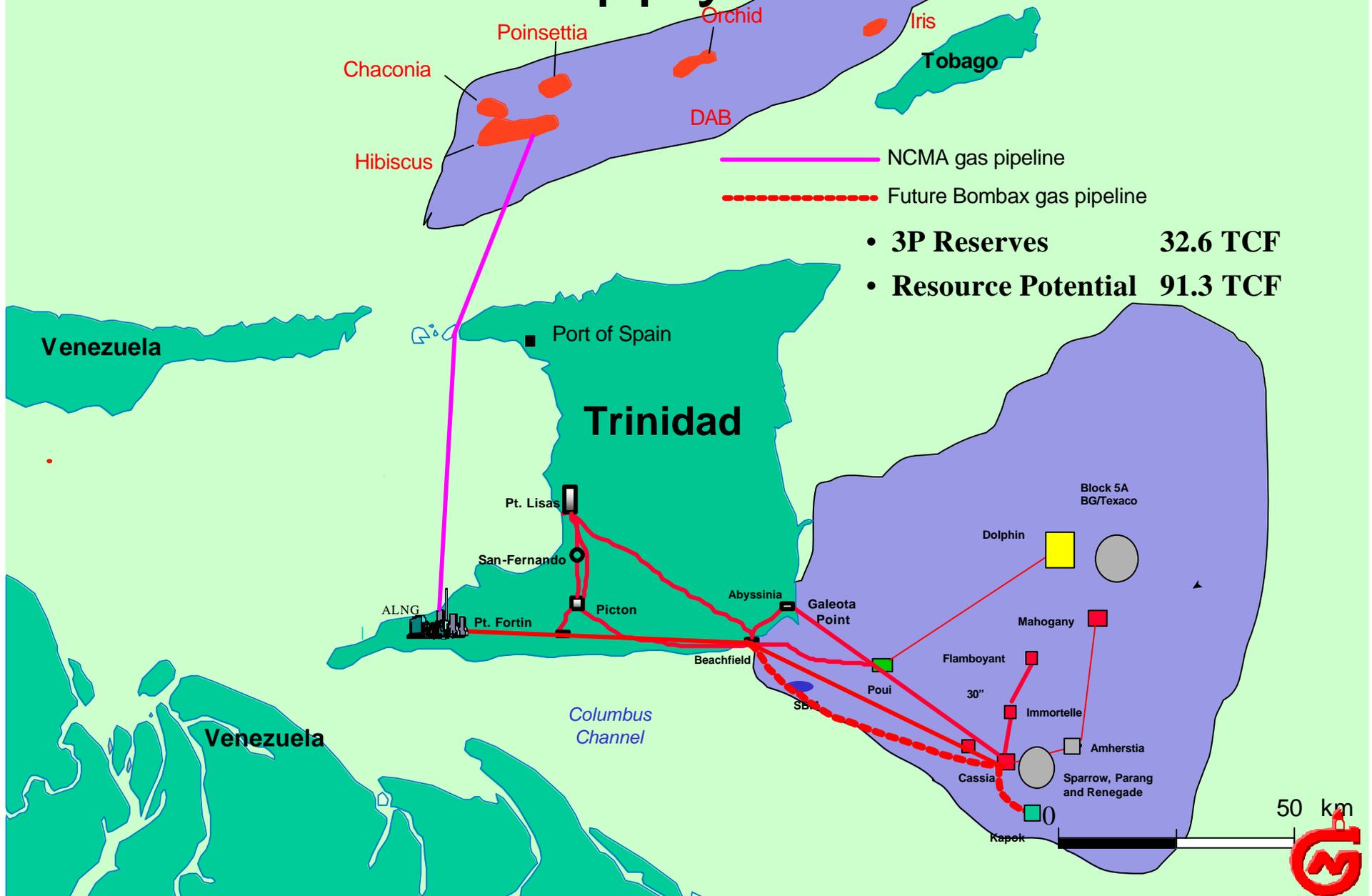


Gas Reserves of Trinidad and Tobago

	(TCF) 1993	(TCF) 1995	(TCF) 2001
Proven Reserves	8.24	10	20
Prob./Poss. Reserves	4.2	9	12
Exploration Potential	---	5-8	60
Total	12.4	24-27	90+



Gas Supply Sources



Existing Gas Based Plants

- **1 Natural Gas Liquids Processing Facility**
- **1 Liquefied Natural Gas Plant (425 MMscfd)**
- **9 Ammonia Plants (3,660 MTPA)**
- **1 Urea Plant (550 MTPA)**
- **5 Methanol Plants (2,960 MTPA)**
- **4 Iron and Steel Mills (2,560 MTPA)**
- **4 Power Generation Plants - Powergen (3) & Inncogen**
- **Other**
 - Refinery
 - Cement Manufacture
 - Light Industrial/Commercial Consumers - 87
 - 2 Gas Fired Air Cooling Projects
 - 4000 CNG powered vehicles



T&T Natural Gas Based Landscape



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Liquefied Natural Gas

- **1 Liquefied Natural Gas Plant (425 MMscfd)**
 - Atlantic LNG Company of Trinidad and Tobago Limited
 - Markets – North East US, Puerto Rico & Spain



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Atlantic LNG Train I

- **Basic Features**
 - **93 % on-stream factor**
 - **6 Frame 5 gas turbines**
 - **2 102,000 m³ LNG storage tanks**
 - **EPC started in June 1996**
 - **Mechanical completion Feb 1999**
 - **First shipment April 1999**



Atlantic LNG Train I

- **Achievements of Project**
 - **First greenfield LNG project in the Atlantic Basin in 30 years**
 - **Bechtel completed 14 million man hours and only one lost time accident Alignment of all stakeholders**
 - **Plant constructed on-time and within budget**
 - **One of the largest projects in the Caribbean with an investment of US\$950 Million**



Atlantic LNG Train 1



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Atlantic LNG Expansion

- **Two train replica - 6 million tonnes per year of LNG production**
- **T&T's LNG production will triple by 2003 and will become the 5th largest supplier**
- **Under consideration is the further expansion with a Train 4 – 5.0 million tonnes per year.**



LNG Expansion II & III



Trains III

Trains II

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T&T as supplier of LNG

- **Trinidad and Tobago is a potential supplier of Natural gas as LNG to**
 - **Caribbean - Dominican Republic**
 - **USA - Elba Island, Cove Point, Lake Charles**
 - **Mexico**
 - **Central America**
 - **Brazil**



T&T as supplier of LNG

- **Trinidad and Tobago**
 - **Adequate Natural Gas Resources**
 - **Low cost producer of LNG**
 - **Proven reliable supplier of LNG to USA and Spain**
 - **Advantageous geographical location relative to markets in Hemisphere**
 - **Experienced world class LNG partners bp, BG, Repsol, Tractebel and NGC**





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NGC & You