



PTTLNG Terminal in Thailand

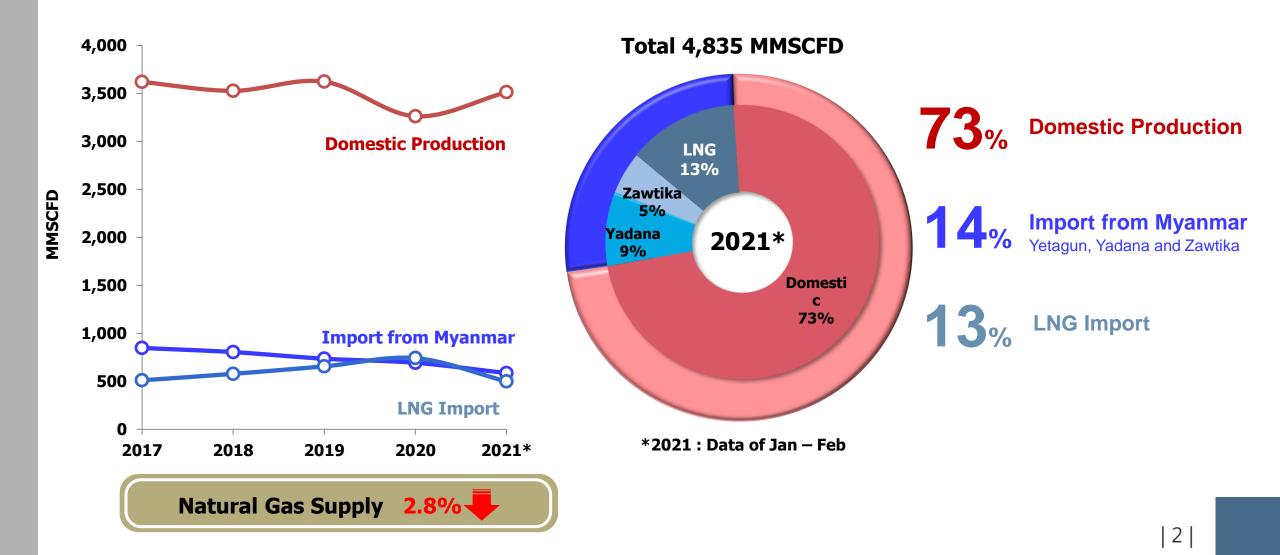
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ERRA Webinar on Regulation of LNG Supply and Terminals May 11th, 2021

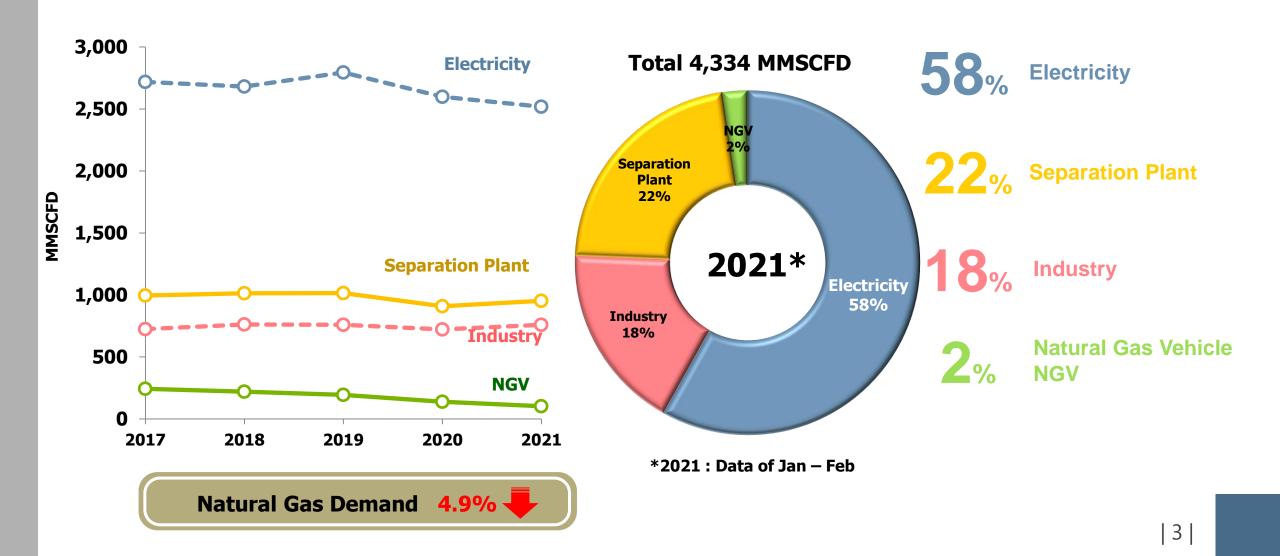
Natural Gas Supply in Thailand





Natural Gas Demand in Thailand





LNG Terminal Objectives



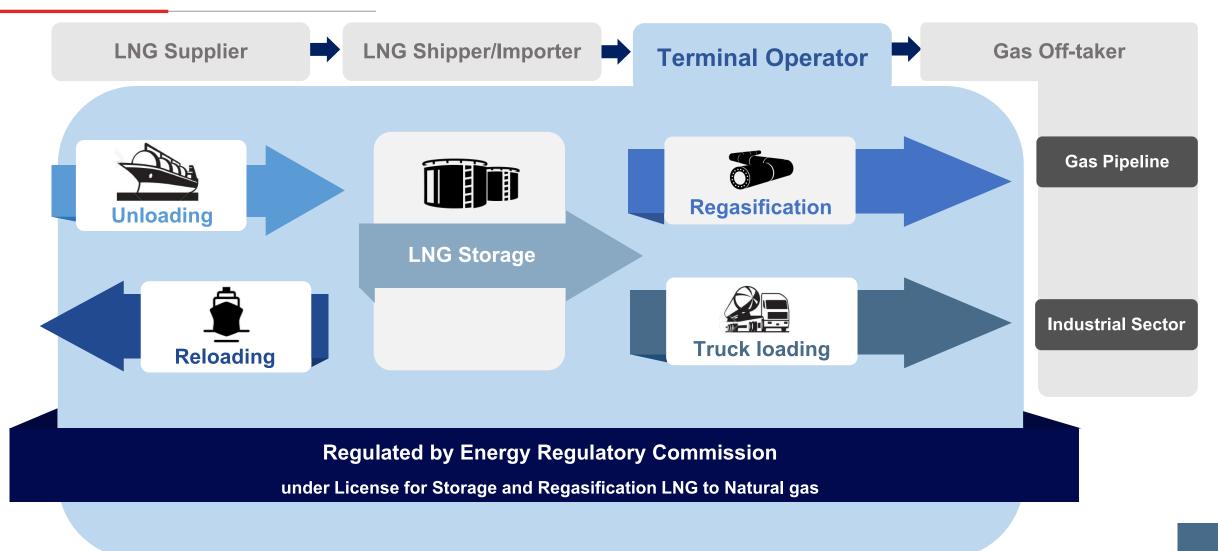


To strengthen national energy security.

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PTTLNG Responsibility





PTTLNG Facilities

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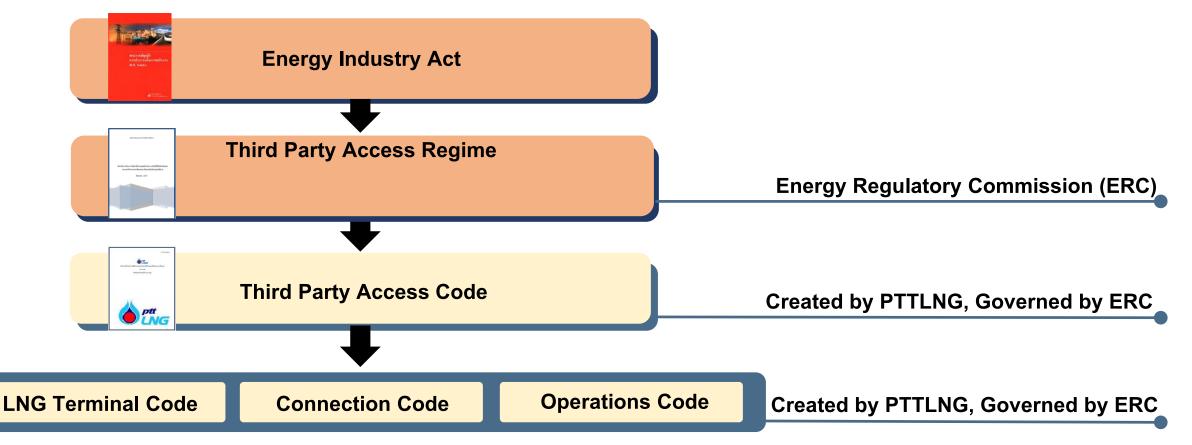
Facilities	Map Ta Phut Terminal	Nong Fab Terminal
Jetty	3	2
Vessel Size	2,500 m3 and 125,000 m3 - 264,000 m3	125,000 m3 - 264,000 m3
LNG Tank	160,000 m3 x 4	250,000 m3 x 2
Capacity	11.5 MTPA	7.5 MTPA
Truck Loading	500 ton/day	-
Project Completion	11.5 MTPA since 2018	2022



The concept of Third Party Regulation



Third Party Access Hierarchy



1. Access rules: Primary and Secondary capacity allocation



Primary Market



Open-Season



Available capacity to those who show intention to utilize capacity on a "first come, first served" basis

Secondary Market

- Available capacity from Primary Market
- Transfer capacity

2

• UIOLI, Short-term contract



Transfer capacity right from Primary Market



Use-It-Or-Lose-It (UIOLI)



Third party use who willing to use Short term contract

2. Tariffs: Regulated



Regulated Business



- Regulated by Energy Regulatory Commission
- Guarantee Return

Fair fee and Equal access to use terminal

3. Transparency rules and Regulatory monitoring





Transparency rules

Transparency is the key of TPA code (Open Season, Capacity Allocation, UIOLI)

Regulatory monitoring

To address complex multi-user capacity allocation and utilisation issues

3. Transparency rules and Regulatory monitoring



Regulated by Energy Regulatory Commission

- Third Party Access Code
- Tariff Model : Demand charge and Commodity charge
- Inventory Management (Inventory Days and Allowable Inventory for Unloading)
- Allocation capacity (Open Season/UIOLI)

Report to Energy Regulatory Commission

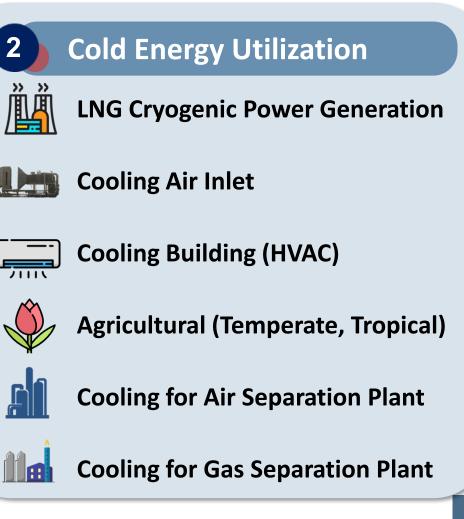
- Terminal Variable cost
- Unloading cargoes/Storage utilization/Regasification rate
- Truck loading service



4. Now and New service development of PTTLNG

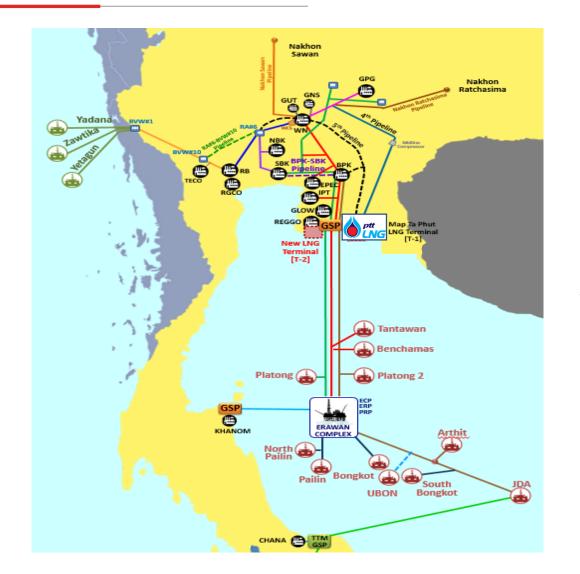






5. Gas Infrastructure Network Integration in Thailand





Thailand's natural gas transmission infrastructure integrating the Gulf gas fields, LNG terminal, and transmission pipelines from the Yadana, Yetagun, and Zawtika fields of Myanmar at the border to several gas separation plants, power plants, and hundreds of industrial users throughout the country.

TPA Code of Pipeline

In conclusion



Increase capability to meet gas demand growth and strengthen national energy network integration.

TPA

Open up Thai gas market liberalization and promote competition to the private sectors which also improve transparency within the existing energy network.

Service Facilities

Deliver efficient performance services together with enhancement of cold energy utilization.











THANK YOU FOR YOUR ATTENTION!

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