The Key to LNG Market Growth - Long-Term Solid Buyers -

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Tadaaki Maeda

Tokyo Gas Co., Ltd.



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LNG Market Outlook and Issues



Rapid expansion of LNG market?

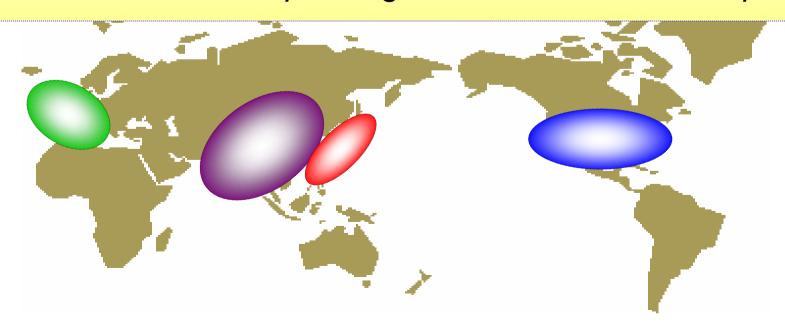
4 LNG markets: US, EU, East Asia, New Asia (China, India...)

US: Rapid growth of market, but volatile

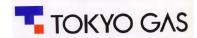
EU: Not so fast as expected

East Asia: Stable growth of market

New Asia: Depending on infrastructure development



The US makes LNG market volatile



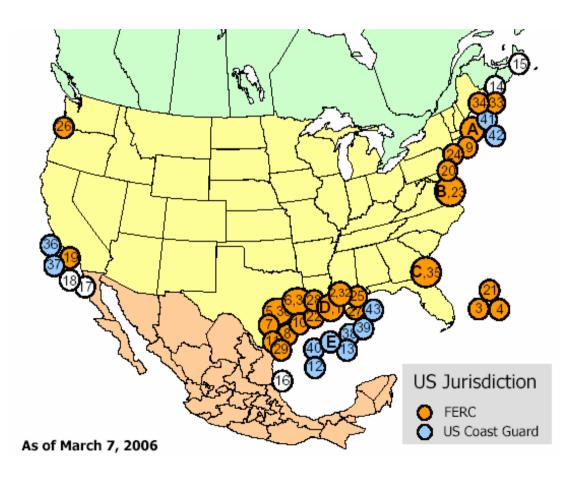
- Many new LNG buyers in the US = masked buyers?
- Expansion of wholesale marketers...

...makes LNG market unstable...



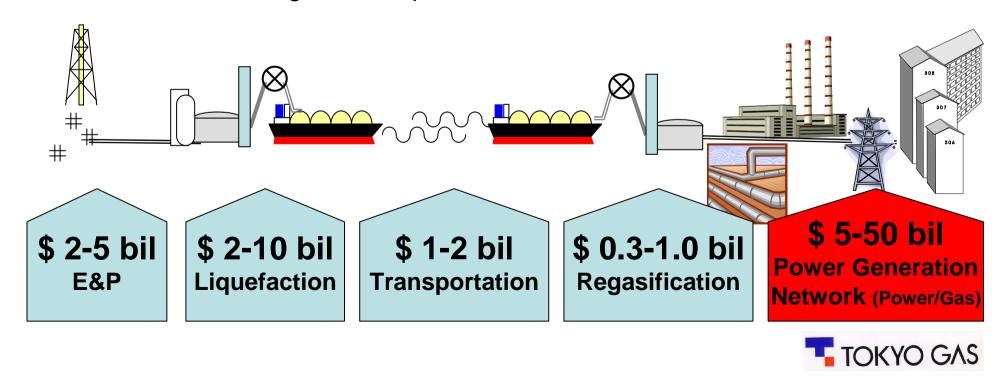
Price would be volatile

Importance of Utilities with identified demand

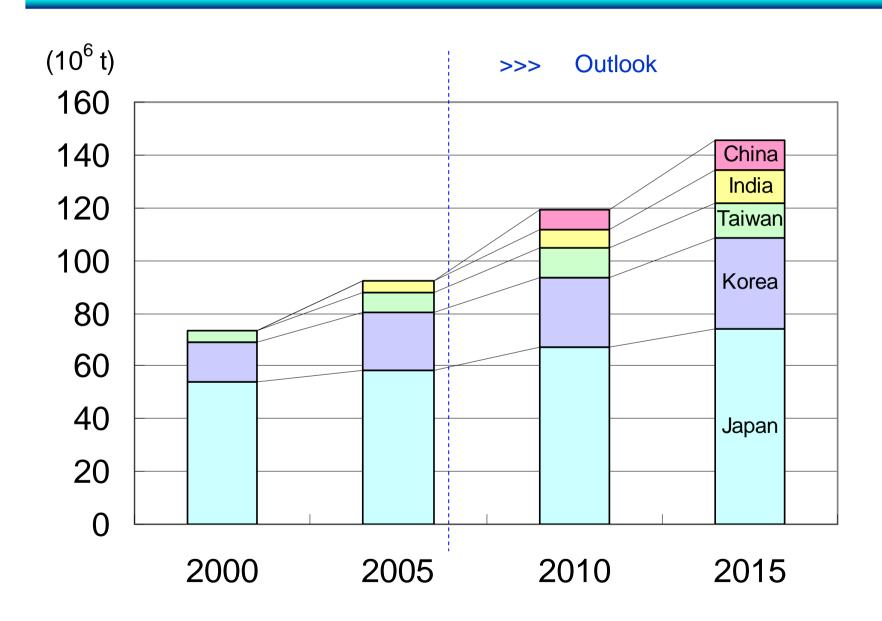


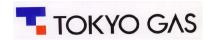
LNG to China depends on infrastructure development

- Downstream development is critical for Chinese market
 - New Asian markets need to develop downstream infrastructure
 - Large price elasticity
 - LNG receiving terminal plans without assured demand











Tokyo Gas Contract

	Darwin	Gorgon	Pluto	
Seller	Darwin LNG	Chevron	Woodside	
Quantity	1 mtpa	1.2 mtpa	1.5 - 1.75 mtpa	
Duration	17 yrs	25 + 5 yrs	15 + 5 yrs	
Transport	FOB	FOB	Ex-ship	
Equity	3.36%	TBD	5%	

Seller/Buyer cooperation for launching new LNG project



Tokyo Gas is a "solid" buyer with assured demand and is required by sellers for launching new LNG projects



Reference: LNG Imports (2004 / 2005)



 $(10^6 t)$

	2004	2005	Var. 2004-05
US	12.9	12.7	(-1.7%)
EU	26.8	32.6	(21.4%)
East Asia (Japan, Korea, Taiwan)	86.0	87.8	(2.1%)
New Asia (India)	2.0	4.6	(133.4%)
Others	3.5	4.1	(17.0%)
Total	131.2	141.7	(8.0%)