

How Natural Gas Changes Cities in Mainland China?

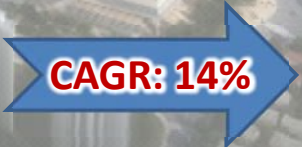


煤氣
Towngas

Mr Martin W N KEE
Director and Executive Vice President
Towngas China Company Limited

A Rapid Growing Economy



GDP	2000		2015
(RMB)	10 Trillion		68 Trillion

Continuous Rise in Living Standard



Urbanization



Smog Issue



**China committed a 60~65%
reduction of CO₂ intensity
below 2005 level by 2030**

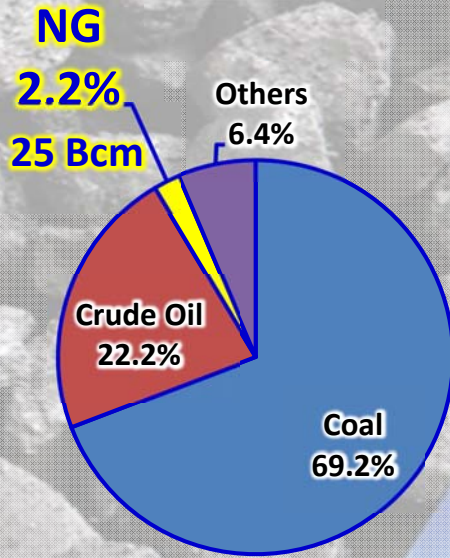


PARIS2015
CONFÉRENCE DES NATIONS UNIES
SUR LES CHANGEMENTS CLIMATIQUES
COP21·CMP11

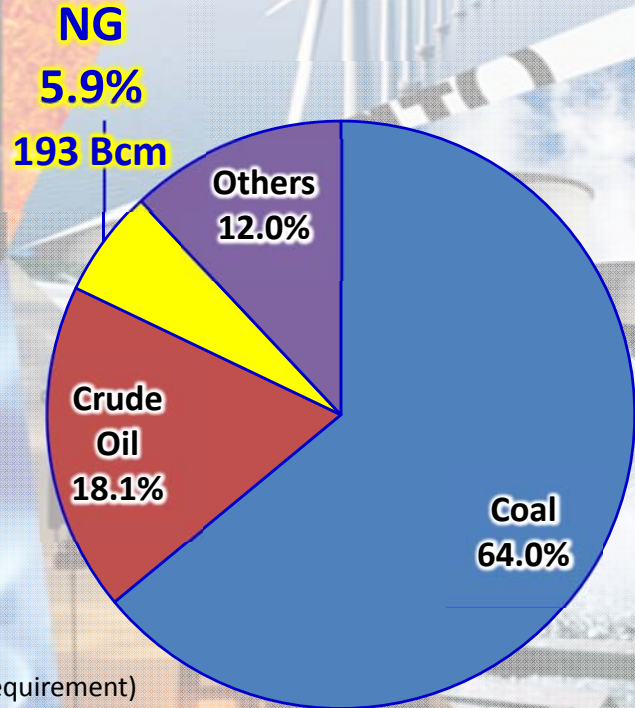


Energy Mix

2000



2015



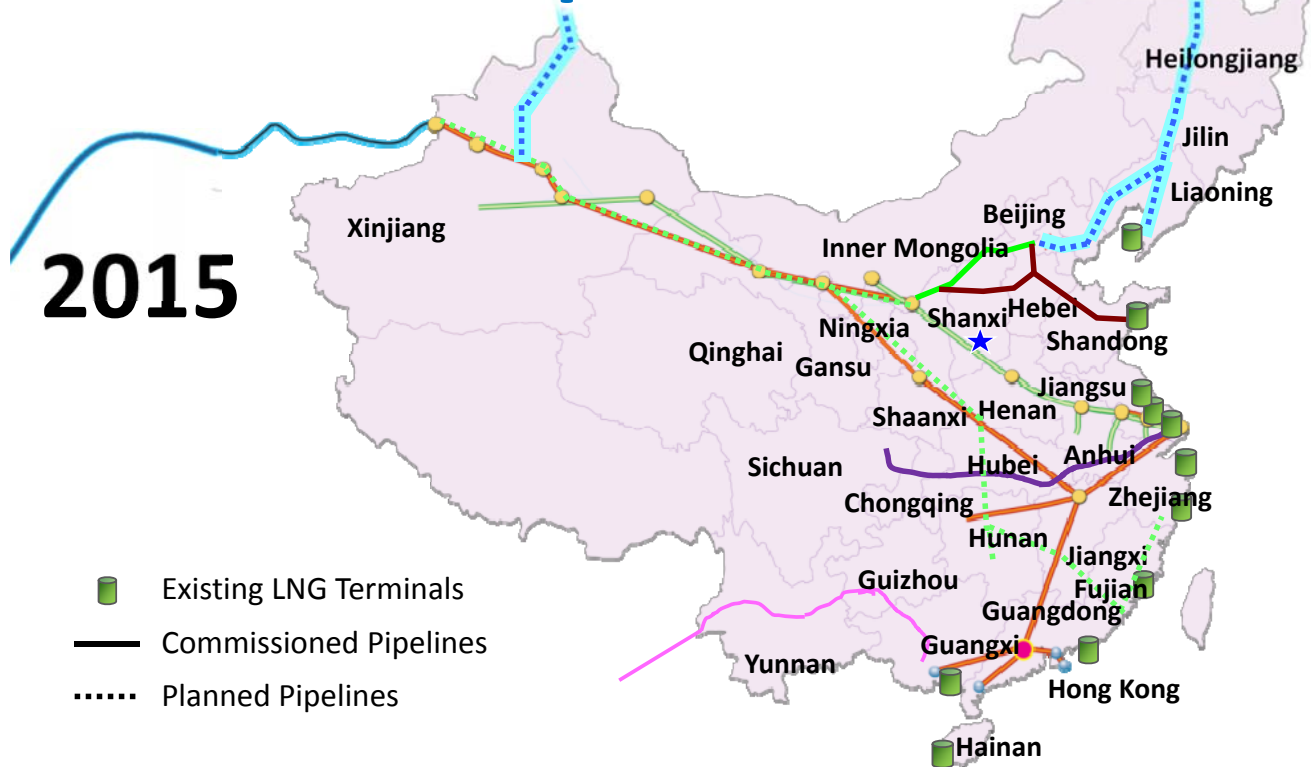
(Primary energy requirement)

Limited Inter-Province Pipeline

2000



Well Developed National Grid



LNG



NG Storage



Peak Shaving Facilities



Underground Storage

Unconventional Gas

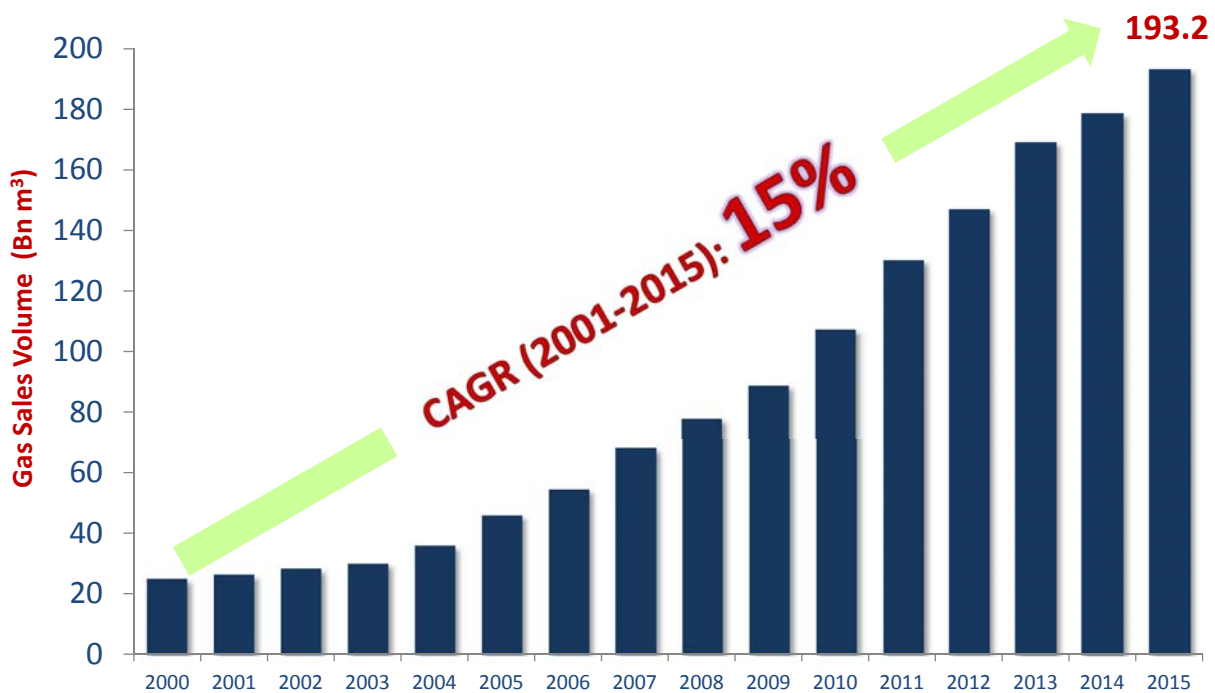


Coalbed Methane



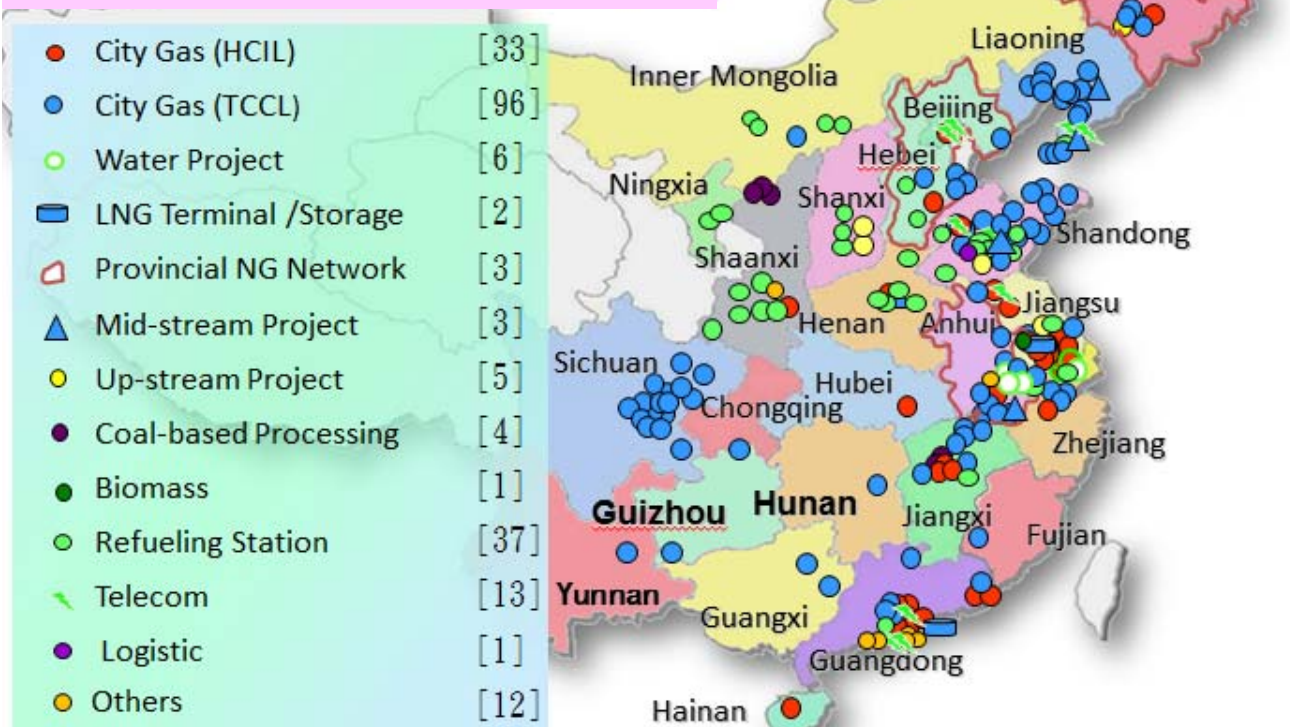
Biomass to NG

NG Consumption



Towngas in China (2015)

216 Projects in 25 Provincial Regions



Towngas China Gas Sales



Towngas Operation HK vs Mainland

	<u>HK</u>	<u>Mainland</u>
Volume (Mn m ³)	800	15,500
Network (km)	3,600	86,000
Customers (Mn)	1.8	22
Employee	2,000	40,000

Commercial & Industrial Applications



NG for Transportation



Residential Applications



Water Heating



Space Heating



Cooking



Clothes Drying



Ensuring Safety &



Improving Customer Services



IT Applications



2016 HKMA Quality Award



We Bring Sky Change



Yixing Jiangsu Province

2004

2014

We Bring Sky Change



Maanshan Anhui Province

2004

2014

Thank You!



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