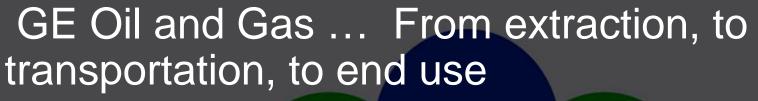


China's Age of Gas

Hasan Dandashly September 25, 2014

Imagination at work.



On- and Offshore Oil & Gas Production

Services & Predictivity Skills Development

Drilling

Subsea

Offshore

Refining & Petrochemical

Liquefaction of Natural Gas (LNG)

Gas Storage & Pipeline Compression

Power Generation

Distributed Gas

Cutting edge technology & service solutions across the value chain



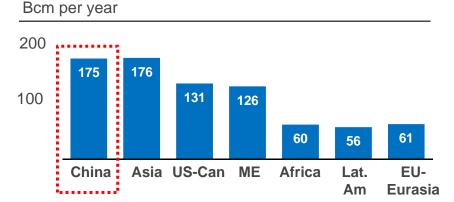
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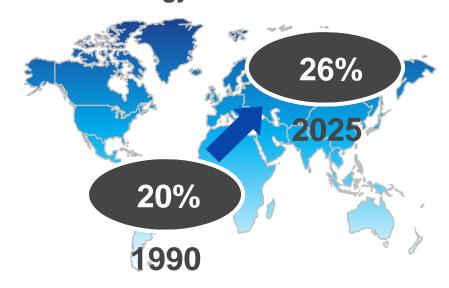
Age of gas ... is upon us

Primary Global Energy Production %





Source: GE Age of Gas Outlook update June '14



Key Benefits

COMPETITIVENESS

SECURITY - RESILIENCE

SUSTAINABILITY

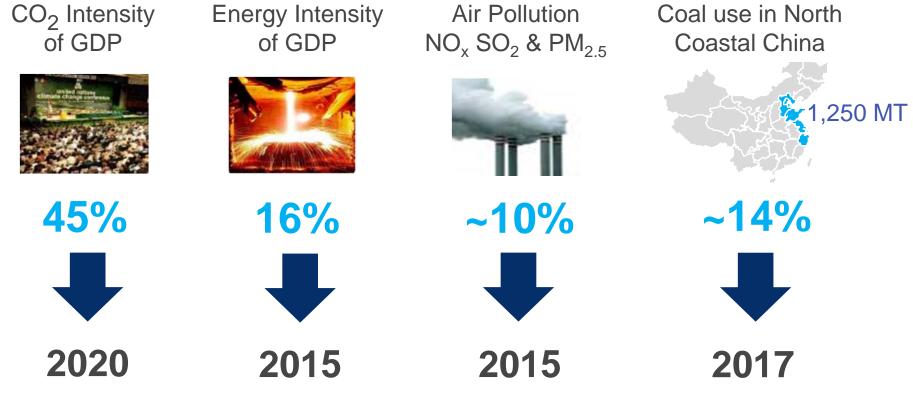
Natural gas has increasing role in global energy mix



www.ge.com/AgeofGas

Why natural gas? ... China's environmental targets

Urgent need for efficiency gains and pollution reductions



Sources: China 12th five year plan, Morgan Stanley Asia Research

Natural gas is critical to achieve goals...



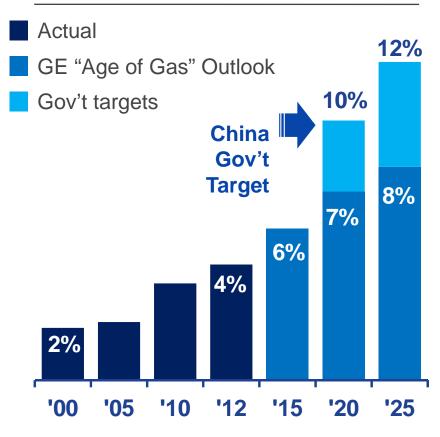
What is ... China's Age of Gas?

Making progress on supply ... creates opportunity for growth

Supply diversity increasing

- 2 ✓ LNG capacity increases

Natural gas % share primary energy



Sources: GE strategy and Analytics 2013,IEA, China 12th FYP



Lessons from North America

Upstream

Learning by doing ...

- ✓ Innovation exploration
- ✓ Development



Standardization is difficult because each basin/well is different

Competitive industry structure

- + Fast scale up
- Rapid investment
- Coordination issues & constraints

Midstream & downstream

Integrating infrastructures

- ✓ Gas with renewable energy
- ✓ Gas for transportation



Gas network evolution

Point-to-point

Pipeline

LNG

CNG

Hub-and-spoke

Multiple Networks

Growth Phase:

Developing

Phase:

Mature phase:

Source: GE Global Strategy & Analytics "Age of Gas" 2013

COGA: Gas Networks 8/7/14

Combine entrepreneurial activity with strategic planning



Where GE is driving innovation

Reduced Environmental Impact Efficient and Optimized Operations

Improved Resource Recovery Monetization and Network Reliability

Partnering, Collaboration, and Policy















Diesel Replacement Water Management Fugitive Emissions Controls & Inspection

Electrification

Fueling the future of Bakkan shale operations

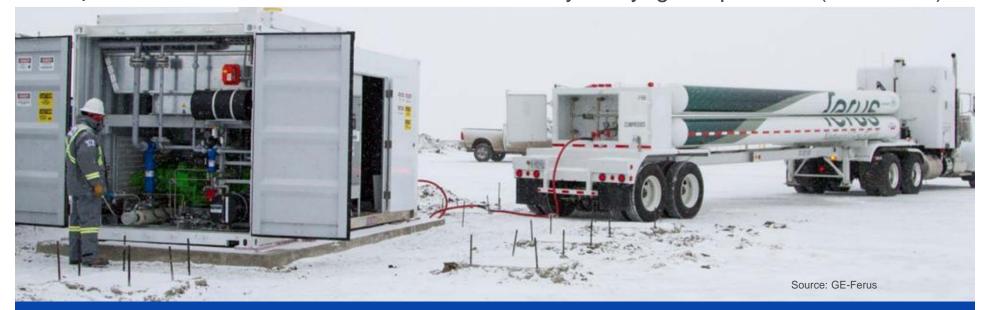
Last Mile™ fueling solution





Natural gas expertise and solutions, capital and commercial investment

Energy services, expertise in supply and delivery of cryogenic products (CNG/LNG)



Reliable, fully-integrated natural gas fueling solution for E&P





Supporting shale development in China

Shale field – Distributed power





Waukesha VHP rich gas engines

China's leading drill rig manufacturer



Source: Images Antero Resources, West Virginia

Source: GE Distributed Power

Unmatched fuel flexibility, reduces diesel use



Supporting shale development in China

Small scale LNG from flare capture to transportation



Total LNG solution

Operating Installations



- 11 plants in operation
- China, U.S., Others
- 13 plants being built
- enCryo JV in China



Dalian Energas Gas-System Co., Ltd.

A leading gas system engineer in China

Strategic MOU



- MOU for 8 LNG plants
- Diesel replacement for long-haul buses / trucks
- Support unconventional gas for LNG market

Diversifying gas supply to improve gas usage efficiency



How to support gas industry development

Five areas of focus

Gov't policy



Balancing incentives with competitiveness

Unleash the innovators



Create space for experimentation and new technology

Keep it clean



Culture of continuous improvement

Expand gas networks



Linking infrastructure and expand access for efficiency and resilience

5 Build the service systems



Develop talent to sustain growth





Thank you for participating today and in the important oil & gas conversation

