

# Power and Gas in Mainland China

**At The Lantau Group** we combine economics, analysis and strategy with a deep understanding of Mainland China's energy regulation and markets to provide expert-based Mainland China advisory with a global perspective.

Our in-house team of Mainland China experts have over thirty years of experience between them and are fluent in Mandarin, Cantonese and English.

Review UHV's impact on inter-regional power exchange  
Assess factors driving UHV transmission projects and impacts on regional supply and demand  
Review the investment trends of the transmission system and utilization of interconnectors

## Ultra-high Voltage Grid

Review renewable energy and environmental policies and targets, local demand growth, generation mix, planning projects, and transmission projects

Analyse curtailment across provinces and project how curtailment may evolve

Assess how curtailment will effect the development of renewable energy across provinces

## Renewable Curtailment

Review natural gas pricing mechanisms and regulations  
Provide expert testimony on the National Development and Reform Commission's national natural gas price reform policies

## Gas Pricing

Review and analyse national and provincial market reforms

Assess fundamental success and failure factors of power trading arrangements

Advise on changes of governance and regulation

## Power Trading

## Commercial Transactions and Ventures

Understand city gate pricing  
Project provincial gas supply and demand  
Review electricity supply and demand and project future trends  
Evaluate relevant risks for new renewable projects  
Review delays in renewable price subsidy payment and project future shortages

## Investment Opportunities

Review Power Purchase Agreements and propose amendments

Provide outlook of electricity supply and demand conditions at a provincial level

Analyse Mainland China's power market reforms and impacts on on-grid prices and power plant utilization

Provide scenario analysis on PPA frameworks

**We work with a wide range of clients, providing a balanced and objective perspective on the latest developments in China:**

- Foreign and international companies seeking to understand the opportunities and challenges of Mainland China's power and gas sectors
- Multinationals with exposure to Mainland China's electricity and gas pricing arrangements to help them track, plan, and reduce their costs or tackle commercial disputes

# TLG's Mainland China Advisory Team

## 1 Is often engaged to provide:

- Detailed province level analysis of Mainland China's electricity and gas markets
- Regulatory risk analysis for potential investors and other stakeholders
- In depth understanding of Mainland China's energy policy, environmental targets and on-going dynamic challenges and opportunities

## 2 Has a broad set of project experiences across Mainland China's energy sector:

### Relationships that Matter

We have built relationships with energy agencies such as the Energy Research Institute, Electric Power Planning and Engineering Institute, State Grid Economic Research Institute and the China Electricity Council

### Working with Key Chinese Companies

Our experts have undertaken projects for some of Mainland China's biggest power sector companies, including China Southern Grid and Guangdong Electric Power Design Institute among others

### Supporting Inward Investment

We have helped international companies and multilateral organisations improve their understanding and operations within Mainland China through transaction support and market studies

## 3 Has the cultural awareness necessary for success:

Our Mainland China team includes Chinese nationals and native Mandarin speakers with international degrees and work experience, giving our clients the best of both worlds.

### Xinjiang/Qinghai

Wind/ solar curtailment studies  
UHV power export assessment

### Jilin/Liaoning/Shandong/Hebei

Wind/solar curtailment studies  
Provincial grid interconnection review

### Inner Mongolia/Shanxi/Ningxia

Wind/ solar curtailment studies  
UHV transmission review  
Coal market assessment

### Shanghai/Zhejiang/Jiangsu/Fujian

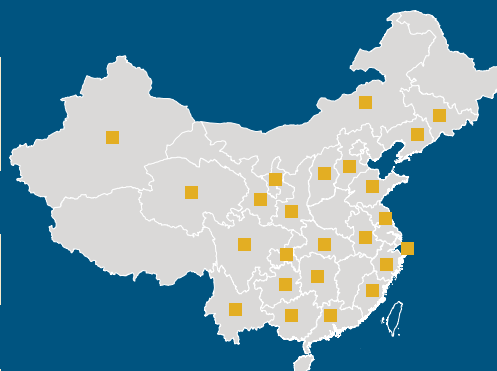
Coal/gas/LNG/power market assessments  
Small hydro power studies  
Provincial grid interconnection review

### Yunnan/Guizhou

Economic evaluation of small hydro power  
Power export study

### Guangxi

Coal/gas/power industry studies  
Evaluation of investment opportunities  
Operational support  
Power market reform analysis



### Sichuan/Chongqing

Small hydro power investment study  
Coal power plant economic analysis  
Coal market studies  
Expert testimony provided in gas pricing dispute

### Guangdong

Coal/gas/LNG/power market analysis  
Investment/commercial transaction support  
Power market reform studies  
UHV/inter-province power trading report

### Hubei/Hunan

Small hydro power investment evaluations  
UHV power importing study

For further information please contact us on [projects@lantaugroup.com](mailto:projects@lantaugroup.com)

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