

## Appendix A04: List of China's COAL-TO-GAS Projects

### 附錄 A04: 中國煤基天然氣項目收錄名單

No. of Projects / 項目數: 192

Statistics Update Date / 統計截止時間: 2017.9

Source / 來源: <http://www.chinagasm.com>

*Natural gas project investment in China was relatively simple and easy just 10 years ago because of the brand new downstream market. It differs a lot since then: LNG plants enjoyed seller market before, while a LNG plant investor today will find himself soon fighting with over 300 LNG plants for buyers; West East Gas Pipeline 1 enjoyed virgin markets alongside its paving route in 2002, while today's Xin-Zhe-Yue Pipeline Network investor has to plan its route within territory of a couple of competing pipelines; In the past, city gas investors could choose to sign golden areas with best sales potential and easy access to PNG supply, while today's investors have to turn their sights to areas where sales potential is limited ... Obviously, today's investors have to consider more to ensure right decision making in a much complicated gas market. China Natural Gas Map's associated project directories provide readers a fundamental analysis tool to make their decisions. With a completed idea about venders, buyers and competitive projects, analyst would be able to shape a better market model when planning a new investment or marketing program.*

中國天然氣市場發展的早期階段，培育市場是投資者業務的主旋律，投資決策和市場佔領往往更加簡單。時至今日，多種因素正在改變這一情況：10年前，LNG廠商更容易操控買家，今天，投資者將發現自己的LNG廠很快會和超過300家廠商共同競爭買家；10年前，西氣東輸一線沿線幾乎均為空白市場，今天，新浙甬管網的投資者將發現沿線非但早已部署有多條競爭性管道，且主要競爭者在下游城市燃氣瓶塊已成爲第一集團成員；10年前，城市燃氣投資者可在全國範圍優先選擇經濟和人口優勢兼備的黃金寶地，今天，新的投資者往往不得不把目光轉向遠離長輸管線、售氣潛力有限的三線城區……中國天然氣投資事業動輒以億爲單位。面對更加複雜的投資環境，空談宏觀將導致高概率的決策誤判！中華天然氣全圖、配套項目名錄和行業報告編委爲讀者提供成規模的基礎項目數據。項目規劃的分析團隊可在此基礎上，自下而上地建立更完整的市場模型，幫助投資者謹慎決策。



This list introduces, in alphabetical order, coal-to-gas part of project nomenclature in **2017 DIRECTORY OF CHINA'S GAS CHEMICAL & COAL-TO-GAS PROJECTS**. This directory records China's 117 natural gas chemical bases and 192 coal-to-gas projects. For each recorded project, its project status, location, operation mode (SNG, UCG or Coal Gas Methanation), investor, frontline operator, company ownership type, general manager in charge, company contact number and address are available.

#### WHAT YOU CAN BENEFIT FROM THIS DIRECTORY

1. Professional gas industry analyst can save at least 100 working hours;
2. Gas chemical project investors will be able to build a basic idea about the latest update of nationwide industry peers;
3. With associated natural gas pipeline directory and LNG directory, coal-to-gas project investors can better plan their sales channel by understanding who and where their downstream users or buyers are;
4. Inter-provincial and inter-city gas pipeline project investors in China can optimize the coal-to-gas production as unconventional upstream gas sources into their pipeline route design.

#### MAIN USERS OF THIS DIRECTORY

1. Gas Chemical Plant Investors
2. Coal-to-Gas Project Investors
3. Long-distance Pipeline Investors
4. Gas Chemical and Coal-to-Gas Equipment & Service Providers
5. Industry Consulting Companies

本文件爲《中國天然氣化工和煤基天然氣項目名錄2017》煤基天然氣部分按首字母順序排列之名單。中國117個大型天然氣化工基地和192個煤基天然氣項目的狀態、所處地理位置、作業工藝（煤地面合成、地下氣化及焦爐煤氣甲烷化等）、項目投資者（上級管理機構）和一線運營單位的當前主管經理、公司企業所有制類型和聯繫方式。

#### 這套名錄的作用

1. 在基礎數據收集驗證層面爲您的專業信息團隊節省100小時之工作量；
2. 使天然氣化工投資者在項目選址時了解當前產業聚集區的分布；
3. 結合中國天然氣管道名錄和中國LNG項目名錄時，煤制天然氣項目的投資者在項目規劃時可提前對產氣銷售渠道建立初步框架性認識；
4. 省際或城際長輸管線投資者可據此掌握上游氣源的最新分布規劃。

#### 這套名錄主要用戶

1. 天然氣化工項目投資者
2. 煤制天然氣項目投資者
3. 長輸管線管道投資者
4. 天然氣化工設備和服務提供商
5. 煤制天然氣設備和服務提供商
6. 進行信息再加工的行業諮詢機構

#### Namelist / 項目名單

Zhongmei Longhua Coal Gas Methanation Unit • Hegang Hanxin Coal Gas Methanation Unit • Hegang Jiarun Energy Coal Gas Methanation Unit • Qitaihe Jiwei Coal Gas Methanation Unit • Qitaihe Longpeng Coal Gas Methanation Unit • Heilongjiang Kaiboda Coal Gas Methanation Unit • Heilongjiang Jianlong Chemical Coal Gas Methanation Unit • Shuangyashan Sanju Huaben Coal Gas Methanation Unit • Shuangyashan Longmei Tiantai Coal Gas Methanation Unit • Datang Fuxin SNG Plant • Guoneng Xinxing Fuxin Xinqiu SNG Plant • Fuyun Guanghui SNG Plant • Hami Guanghui SNG Plant • Xinjiang Kelier SNG Plant • Hami Ziguang SNG Plant • Xinjiang Cangyuan SNG Plant • Lijing SNG Plant • Huadian Changji SNG Plant • Luneng Changji SNG Plant • Zheneng Hongshaquan SNG Plant • Xinjiang Longyu Energy SNG Plant • Changji Shengxin SNG Plant • Xinjiang Jinyuan Energy Coal Gas Methanation Unit • Xinjiang Beikong SNG Plant • Sanyi Zhuandong SNG Plant • Huaneng Zhuandong SNG Plant • Xinjiang Tianchi Energy SNG Plant • Kailuan Zhundong SNG Plant • Xinjiang Huahong SNG Plant • Zhongtai Chemical Zhundong SNG Plant • China Coal Zhundong SNG Plant • Yingde Gases Zhundong SNG Plant • Shendong Tianlong SNG Plant • Yankuang Xinjiang SNG Plant • Gezhouba Manasi SNG Plant • Anhui Jinmei Zhongneng SNG Plant • Sinopec Zhundong SNG Plant • Wanxiang Shanshan SNG Plant • Zhongtai Chemical SNG Plant • Jinhui Zhaofeng Coal Gas Methanation Unit • Ili Kingho SNG Plant • China Power Qapqal SNG Plant • Luan Ili SNG Plant • China Power Huocheng SNG Plant • Ili Xintian SNG Plant • Guodian Pingmei Nilka SNG Plant • Zhongmei Energy Qapqal SNG Plant • Suxin Energy Ili SNG Plant • Xinjiang Nangang Coal Gas Methanation Unit • Suxin Energy Hefeng SNG Plant • Qaidam Economic Pilot Zone Coal Gas Methanation Unit • Datagn Keqi SNG Plant • Togtoh Beikong SNG Plant • Zhungeer Beikong SNG Plant • CNOOC Zhungeer SNG Plant • Hebei Construction Investment Group Zhungeer SNG Plant • Ejin Horo Huineng SNG Plant • Inner Mongolia Zhengneng Coal Gas Methanation Unit • Ordos Zhong'ao Coal Gas Methanation Unit • Shenhua Ordos SNG Plant • Runhe Energy SNG Plant • Ordos Jianfeng SNG Plant • CNOOC Hangjinqi SNG Plant • Hangjinqi Guodian SNG Plant • Hangjinqi Hanhua SNG Plant • Hangjinqi Huarun SNG Plant • Hangjinqi Xinshan SNG Plant • Hangjinqi Xinmeng SNG Plant • Xibu Xinshidai SNG Plant • ENN Xinneng SNG Plant • China Coal Ordos SNG Plant • Inner Mongolia Hengkun Coal Gas Methanation Unit • Etk Jianyuan Coal Gas Methanation Unit • Etk Huayu Coal Gas Methanation Unit • Inner Mongolia Huaxing SNG Plant • Inner Mongolia Guoneng SNG Plant • Xin'ao Ulanqab UCG Plant • Wuhai Xilafeng Coal Gas Methanation Unit • Wuhai Qianlishan Coal Gas Methanation Unit • Wuhai Huaxin Coal Gas Methanation Unit • Inner Mongolia Yuantong Coal Gas Methanation Unit • Alxa Guochu SNG Plant • Inner Mongolia Sanju Jiayang Coal Gas Methanation Unit • Ulanhot Guodian SNG Plant • Inner Mongolia Xing'an Energy SNG Plant • Xilinhote Boyuan SNG Plant • Inner Mongolia Heimao Coal Gas Methanation Unit • Huadian Hulun Buir SNG Plant • Huaneng Yimin Hulun Buir SNG Plant • Chenbaerhu Qi SNG Plant • Hulun Buir Tianfu Coal Gas Methanation Unit • Tongliao UCG Plant • Huating Coal Group SNG Plant • Jiugang Zhangye SNG Plant • Gansu Jinsheng Energy Coal Gas Methanation Unit • Shenhua Ningxia SNG Plant • Pingluo County Yangguang Coal Gas Methanation Unit • Ningxia Kingho SNG Plant • Fugu Hengyuan Coal Gas Methanation Unit • Shenmu Huineng Coal Gas Methanation Unit • Shaanxi Longmen Coal Gas Methanation Unit • Shaanxi Beiqiang Energy Coal Gas Methanation Unit • Huaneng Weinan SNG Plant • Hebei Anfeng Steel Coal Gas Methanation Unit • Tangshan Liuzhuang UCG Station • Tangshan Steel Luanxian Coal Gas Methanation Unit • Qian'an Jiujiang Coal Gas Methanation Unit • Qian'an ENN Coal Gas Methanation Unit • Tangshan ENN Yongshun Coal Gas Methanation Unit • Qian'an Yihuida Coal Gas Methanation Unit • Taoshan Zhonghaiwai Coal Gas Methanation Unit • Hebei Zhongxiang Energy Coal Gas Methanation Unit • Jin'gao New Energy Coal Gas Methanation Unit • Jizhong Energy Coal Gas Methanation Unit • Handan Yutai Coal Gas Methanation Unit • Wu'an Xinfeng SNG Plant • Dong'e Yangguang Coal Gas Methanation Unit • Shandong Suncun UCG Station • Shandong Ezhuang UCG Station • Shandong Jiexiang UCG Station • Jining

Zhongtai Yutai Coal Gas Methanation Unit • Shandong Yankuang Coal Gas Methanation Unit • CNOOC Heze Coal Gas Methanation Unit • Heze Fuhai Energy Coal Gas Methanation Unit • Shandong Hengwei Chemical Coal Gas Methanation Unit • Shandong Shengyang Coal Gas Methanation Unit • Shandong Haoyu Coal Gas Methanation Unit • Shan Steel Group Rizhao Coal Gas Methanation Unit • Zaozhuang Xueneng Coal Gas Methanation Unit • CNOOC Datong SNG Plant • Shanxi Xinshi Coal Gas Methanation Unit • Shanxi Daosheng Xinyu Coal Gas Methanation Unit • Shanxi Guodian SNG Plant • Pingding UCG Plant • Gujiao Coal Gas Methanation Unit • Taiyuan CRC Coal Gas Methanation Unit • Shanxi Huayang Coal Gas Methanation Unit • Shanxi Longhui Coal Gas Methanation Unit • Guoxin Loujun Coal Gas Methanation Unit • Xiaoyi Pengfei Coal Gas Methanation Unit • Shanxi Eurofo Coal Gas Methanation Unit • Shanxi Antai Coal Gas Methanation Unit • Shanxi Juyuan Coal Gas Methanation Unit • Shanxi Maosheng Jiexiu Coal Gas Methanation Unit • Sanyuan Huguan UCG Plant • Jinping UCG Station • Nanqiaoyin UCG Station • Guxian UCG Station • Shanxi Fuyangyuan Kemao Coal Gas Methanation Unit • Lu'an Coal Gas Methanation Unit • Xiangkuang Hengtong Coal Gas Methanation Unit • Guoxin Zhengtai Coal Gas Methanation Unit • Guxian Lida Coal Gas Methanation Unit • Shanxi Xinjie Coal Gas Methanation Unit • Shanxi Wanhua Coal Gas Methanation Unit • Hejin Coal Gas Methanation Unit • Hejin Huayuan Gas Coal Gas Methanation Unit • Yangmei Jishan Coal Gas Methanation Unit • Luoyang Tianlun Rongtuo Coal Gas Methanation Unit • Henan Jinma Energy Coal Gas Methanation Unit • Henan Liyuan Coal Gas Methanation Unit • Henan Shuncheng Coal Gas Methanation Unit • Henan Jingbao Coal Gas Methanation Unit • Baofeng County Jieshi Coal Gas Methanation Unit • Hunan Yongxing SNG Plant • Chongqing Hongteng Coal Gas Methanation Unit • Yanyuan SNG Plant • Panzhihua Huayi Coal Gas Methanation Unit • Guiyang Gongjiao Huaneng Coal Gas Methanation Unit • Dafang Huarun SNG Plant • Sinopec Zhijin SNG Plant • Qiangui Tianneng Coal Gas Methanation Unit • Liupanshui Shuangchao Coal Gas Methanation Unit • Yunnan Coal Energy Anning Coal Gas Methanation Unit • Qujing Qiling Coal Gas Methanation Unit • Yuntou ENN Qujing Coal Gas Methanation Unit • Fuyuan Huaxin Coal Gas Methanation Unit • CNOOC Qujing Coal Gas Methanation Unit • Mile SNG Plant • Xuzhou Mazhuang UCG Station • Xuzhou Xinde UCG Station • Xuzhou Dongxing Energy Coal Gas Methanation Unit • Jiangsu Wentian Coal Gas Methanation Unit • Xuzhou Weitian Energy Coal Gas Methanation Unit • Xuzhou Eco Zhongtai Coal Gas Methanation Unit • Jiangsu Guofa New Energy Coal Gas Methanation Unit • Xuzhou Jiantao Energy Coal Gas Methanation Unit • Xinyi SNG Plant • Jingjiang Zhongda Coal Gas Methanation Unit • Anhui Energy Huainan SNG Plant • Anhui Jingwan SNG Plant • Linhuan Coal Gas Methanation Unit