



Blue Sky for a Better Future



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北京燃气蓝天控股有限公司 Beijing Gas Blue Sky Holdings Limited 为世界带来更蔚蓝的天空 Blue Sky for a Better Future

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# 公司概述 Company Overview

北京燃气蓝天控股有限公司("本公司"或"北京燃气蓝天",连同其附属公司统称为"本集团",港交所股份代号: 6828.HK)为专注于天然气全产业链发展的综合天然气供销商及运营商。

2016年5月,北京控股有限公司(股票代号: 0392.HK)的 全资子公司北京市燃气集团有限责任公司(简称: 北京燃 气)入股北京燃气蓝天,并成为单一最大股东。2017年2 月,公司由"蓝天威力控股有限公司"(简称: 蓝天威力) 更名为"北京燃气蓝天控股有限公司"。本集团将依托北京 燃气丰富的行业资源及财务资源优势,采用创新和多样化的 天然气整体解决方案,进一步加快沿海经济带及内陆气源地 区产业布局,为推动天然气产业发展和生态环境改善做出积 极贡献。

集团秉承"发展清洁能源,提升客户价值,共创美好蓝天"的企业使命,致力于天然气全产业链的分销及运营,同时凭借多元化气源及低成本的优势,不断开拓终端用气市场,持续推进以天然气为主的清洁能源综合利用。

集团以香港为总部,分别在北京和深圳设有运营中心和支持中心,天然气项目覆盖京津冀、山西、吉林、辽宁、山东、江苏、安徽、浙江、湖北、四川、贵州、海南等具高增长潜力的省份。

集团管理团队均为行业内经验丰富的专业人才,曾就职于多个大型燃气运营商,包括新奥能源、港华燃气、中石油及中石化等。集团联席主席郑明杰先生于企业并购及全球能源业务投资管理领域拥有多年经验,他同时担任新时代能源有限公司(0166.HK)之执行董事。集团联席主席支晓晔先生为北京控股副总裁,同时亦为北京燃气总经理,在管道燃气业务及企业管理方面累积多年经验。

Beijing Gas Blue Sky Holdings Co., Ltd. ("The Company" or "Beijing Gas Blue Sky", together with its subsidiaries are collectively referred to as "the Group", HKEX stock code: 6828.HK) is a comprehensive natural gas supplier and operator focused on the development of the whole natural gas industry chain.

In May 2016, Beijing Gas Group Company Limited (Beijing Gas), a wholly-owned subsidiary of Beijing Enterprises Holdings Limited (Beijing Enterprises, stock code: 392.HK), invested in the Company and became its single largest share-holder. In February 2017, the Company name was changed from "Blue Sky Power Holdings Limited" to "Beijing Gas Blue Sky Holdings Limited". Leveraging upon rich industry and financial resources of Beijing Gas, the Company will work with Beijing Gas and adopt innovative and diversified natural gas solutions to further accelerate its business development along the coastal economic zones and in inland areas with abundant gas sources.

The Group adheres to its corporate mission of "develop clean energy; enhance customer value; create a bright future for blue sky". The Group is committed to the distribution and operation

of the entire natural gas industry chain and will continue to develop in such industry by leveraging upon the availability of diversified and cost competitive gas resources.

Based in Hong Kong, and with key management offices in Beijing and Shenzhen, our natural gas business covers provinces with high growth potential, such as Jing-Jin-Ji, Shanxi, Jilin, Liaoning, Shandong, Jiangsu, Anhui, Zhejiang, Hubei, Sichuan, Guizhou, and Hainan, etc.

The Group's senior management team has extensive industry knowledge and experience. They come from various background, including ENN, Towngas China, PetroChina and Sinopec. Mr. Cheng Ming Kit, Executive Director and Co-Chairman of the Group, has over 10 years of experience in M&A, capital markets and corporate finance in the energy sector. He also serves as Exectutive Director of New Times Energy Corporation Limited (0166.HK). Mr. Zhi Xiaoye, Non-Executive Director and Co-Chairman of the Group, is currently Vice President of Beijing Enterprises. He also serves as General Manager of Beijing Gas and has rich experience in pipeline gas business and enterprise management.



# 发展历程 Corporate Milestones

### 2015年11月 November 2015

邓普顿新兴市场基金集团两度认购公司的可换股债券, 成为蓝天威力的战略合作伙伴

Franklin Templeton Investments subscribed for the Company's CB and became the strategic partner of Blue Sky Power

### 2015年5月 May 2015

宣布收购海口液化天然气接收站10%股权,成为中国首家拥有液化天然气接收站的非国有上市公司

Announced the acquisition of a 10% stake in Haikou's LNG receiving terminal, making the Company the first private-sector listed Company to own an LNG receiving terminal in China

### 2015年1月 January 2015

收购海南最大的天然气加气站运营商海南鑫元集团 Acquired Hainan Xinyuan, the largest natural gas refueling station operator in Hainan

2015

### 2015年12月 December 2015

海通国际证券集团有限公司(股票代号: 0665.HK)认购公司本金总额为2亿港元的可换股债券

Haitong International Securities Group (Stock code: 0665.HK) subscribed for the Company's CB in an aggregate amount of HK\$200 million

# 2016

### 2016年5月 May 2016

) 北京燃气向蓝天威力投资13.2亿港元,并成为公司的单 一最大股东

摩根士丹利资本国际(MSCI)公布将蓝天威力纳入 MSCI香港小型股指数,于该月31日收市后生效

Beijing Gas invested HK\$1.32 billion in Blue Sky Power, becoming its single largest shareholder

MSCI announced the inclusion of Blue Sky Power as a constituent of MSCI Hong Kong Small Cap Index, with effect from May 31, 2016

### 2016年12月 December 2016

与中国东方资产管理股份有限公司订立认购3年期可换股债券协议,总本金额为2亿港元

China Orient Asset Management subscribed for the Company's CB in an aggregate amount of HK\$200 million

#### 2016年11月 November 2016

与北京燃气全资子公司北京绿源达公司订立总协议,为 后者提供为期3年的液化天然气,合同金额总上限约为5 亿元人民币

Entered into the Master Agreement with Beijing Luyuan—da, a Beijing Gas subsidiary, pursuant to which the Company conditionally agrees to sell and Beijing Luyuanda conditionally agrees to purchase LNG for a term of three years, with an aggregate cap of around RMB\$500 million

# ----

## 2014年 2014

2014

公司开始转型为专注于天然气产业链中、下游发展的综合天然气运营商及分销商

The Company began the transition into an integrated natural gas provider, distributor and operator, with an emphasis on the mid to downstream segment of the natural gas industry value chain



# 2017

## 2017年2月 February 2017

公司正式将名称由"蓝天威力控股有限公司"更改为"北京燃气蓝天控股有限公司"

The Company officially changed name from "Blue Sky Power Holdings Limited" to "Beijing Gas Blue Sky Holdings Limited"

### 2017年3月 March 2017

北京燃气蓝天首次获纳入恒生中国内地石油及天然气指数、恒生环球综合指数,及恒生综合指数系列(包括恒生综合指数、恒生综合行业指数—能源类,恒生综合小型股指数,及恒生综合中小型股指数)

Constituent of Hang Seng Mainland Oil & Gas Index, Hang Seng Global Composite Index, and Hang Seng Composite Index Series (including Hang Seng Composite Index, Hang Seng Composite Industry Index - Energy, Hang Seng Composite SmallCap Index, and Hang Seng Composite MidCap & SmallCap Index)

### 2017年5月 May 2017

以4.2亿港元完成收购松原市北燃蓝天新能源有限公司, 2015年其供气量达到4000万立方米,并自2004年起获取 当地为期30年的特许经营权

Acquisition of Songyuan Beijing Gas Blue Sky New Energy Co., Ltd.at a price of HK\$420 million. The volume of gas supply reached 40 million cubic meters in 2015, and it has obtained local 30–year franchise rights since 2004

### 2017年4月 April 2017

与中国华融订立认购3年期的可换股债券协议,总本金额 为2亿港元

与中州国际投资有限公司订立认购协议,双方同意由投资者认购公司发行可换股债券,总本金额为1.5亿港元 Entered into a 3-year convertible bond agreement with China Huarong for a total principal amount of HK \$ 200 million

Entered into the Subscription Agreement with Zhongzhou (International Investment Co., Ltd. The parties agree to subscribe for the issue of the Convertible Bonds by the Investor, with a total principal amount of HK \$ 150 million

### 2017年9月 September 2017

北京燃气蓝天获纳入深港通名单

BG Blue Sky admitted to the Shenzhen–Hong Kong Stock Connect List

### 2017年10月 October 2017

以4亿港元完成收购山西运城及永济燃气项目,其2015 年总供气量达到8800万立方米,并在当地获得20至30年 的特许经营权

The purchase of the Yuncheng and Yongji gas projects in Shanxi Province was completed at a price of HK\$400 million . In 2015, the total gas supply volume reached 88 million cubic meters, and the company obtained a franchise for 20 to 30 years

### 2017年11月 November 2017

与北京燃气集团订立备忘录,拟向北京燃气香港收购北燃京唐有限公司,北燃京唐有限公司已完成中石油京唐 29%股权收购

Entered into the memorandum of understanding with Beijing Gas Group to acquire Beiran Jingtang Co., Ltd. from Beijing Gas Hong Kong, and Beiran Jingtang Co., Ltd. has completed the acquisition of 29% equity of CNPC Jingtang

### 2018年3月 March 2018

与SK E&S (SK Holdings Co., Ltd. 之附属公司)订立可换股债券协议,有条件同意发行本金总额为1.8亿港元之可换股债券

Entered into the CB Agreement with SK E&S, a subsidiary of SK Holdings Co., Ltd., and conditionally agreed to issue the Convertible Bonds in an aggregate principal amount of HK\$180 million

### 2018年1月 January 2018

与GPS签署战略合作协议,同时与GPS主要股东订立股份认购协议

Entered into a Strategic Cooperation Agreement with GPS, also entered into Shares Subscription Agreement with GPS's key shareholder

2018



# 核心业务 Core Business

上游 Upstream



液化天然气进口 Liquefied natural gas imports

中游 Midstream



液化天然气接收站 Liquefied natural gas receiving station



液化及压缩天然气 贸易及配送

Liquefied natural gas and compressed natural gas Trade and distribution



浮动存储和 气化装置(FSRU)

Floating storage and Gasification unit (FSRU)

下游 Downstream



L/CNG加气站及油气混合站 Natural gas filling station



城市燃气 City gas



液化天然气直供 Direct supply of liquefied natural gas



分布式能源 Distributed energy



终端增值服务 电子商务

融资租赁 检测中心

Test Center

Terminal value added service Electronic Commerce Financial lease 北京燃气蓝天主要从事的天然气业务包括:

- (1)发展及经营城市燃气项目;
- (2)直接供应液化天然气予终端用户,如工业用户;
- (3)压缩天然气、液化天然气和液化石油气的贸易及配送;
- (4)经营车用压缩天然气及液化天然气加气站。

自2016年以来,集团致力于投资扩大业务的地理布局至中国的十七个省份,其中包括通过不断壮大的L/CNG运输车队及终端用户网络布局而拥有较强L/CNG分销能力的沿海区省份。

随着中国内陆地区基础设施的不断改善,以及中央政府推动清洁环境建设的力度加大而使得天然气的需求量快速增长,集团亦将持续从中寻求中国内陆的投资及合作机会。

BG Blue Sky's core businesses encompass: (i) development and operation of city gas projects. (ii) direct supply of liquefied natural gas (LNG) to end-users, such as industrial users. (iii) distribution and trading of compressed natural gas (CNG), LNG and liquefied petroleum gas (LPG). (iv) operation of CNG and LNG refueling stations for vehicles.

Since 2016, the Group has expanded its geographical investment and operation reach to cover more than seventeen provinces in China including all the coastal provinces where the Group has a strong distribution capability of L/CNG through its growing L/CNG transportation fleet and a growing distribution network to end-users.

The Group will further pursue inland investment and cooperation opportunities within China, where the demand for natural gas continues to increase as a result of the continuous improvement in inland infrastructure and the central government's efforts to promote a clean environment.

### 北燃蓝天战略合作伙伴 Strategic Partners























# 战略布局 Strategic Layout

"One Belt": Key coastal economic areas that possess night economic value and gas diversification

北燃蓝天的战略布局是于沿海"一带",依托海气为主要等源,结合各地多元化的管网和液化厂的气源优势,扩展以工业点供用气为主导,LNG/CNG加气站运营和LNG/CNG贸易及配送业务为业务组合。

于内陆地区方面,北燃蓝天的"一路"战略是选择气源富身区域、气价有合理价差和工商业发展有潜力的区域进行投资和经营城市燃气项目

"一路":内陆西部地区,气源丰富,价格低廉

"One Road": From Shanxi all the way to the western and north—western provinces, which have rich gas resources

BG Blue Sky's "One Belt" strategy is to focus on the coastal areas with imported LNG as main gas sources. Relying on the strengths of pipeline networks and liquefaction plants the main business focuses on industrial direct supply, with L/CNG refueling stations and trading as supporting businesses

In the inland areas, BG Blue Sky's "One Road" strategy is to invest in city gas projects with abundant and cost competitive gas resources and high potential for industrial and commercial development.

#### 2017年新收购项目 Newly Acquired Projects in 2017

项目名称 Project Name	项目概述 Project Overview				
吉林项目 Jilin Project	<ul> <li>供应管道气予住宅用户、商业用户和公共建筑</li> <li>经营2个压缩天然气加气站</li> <li>连接约15万个住户和大约500个商业和公共用户</li> <li>supply of piped gas to residential households, commercial users and public buildings</li> <li>operation of 2 CNG refueling stations for vehicles</li> <li>connection for approximately 150,000 residential households and approximately 500 commercial and public users</li> </ul>				
山西民生项目 Shanxi Minsheng Project	<ul> <li>· 向住宅、商业和工业用户供应管道式天然气</li> <li>· 于山西省运城市运营5个压缩天然气加气站</li> <li>· 已分别为约12万名住宅用户及约780名工商用户完成燃气管道接驳</li> <li>· supply of piped gas to residential households, commercial and industrial users</li> <li>· operation of 5 CNG refuelling stations for vehicles in Yuncheng City, Shanxi Province</li> <li>· connection for approximately 120,000 residential households and approximately 780 commercial and industrial users</li> </ul>				
永济民生项目 Yongji Minsheng Project	<ul> <li>· 向住宅、商业和工业用户供应管道式天然气</li> <li>· 于山西省永济市运营2个压缩天然气加气站</li> <li>· 已分别为约1.3万名住宅用户及约40名工商用户完成燃气管道接驳</li> <li>· 拥有2个门站</li> <li>· supply of piped gas to residential households, commercial and industrial users;</li> <li>· operation of 2 CNG refuelling stations for vehicles in Yongji City, Shanxi Province</li> <li>· connection for approximately 13,000 residential households and approximately 40 commercial and industrial users</li> <li>· Own 2 natural gas stations</li> </ul>				





# 企业文化 Corporate Culture

企业愿景 Corporate Vision



成为世界级—站式天然气服条商

Become a world-class one-stop natural gas service provider

## 企业理念 Corporate Philosophy



## 经营理念 Business Philosoph

追求经济效益、社会效益、环境效益三统一 To pursue and unify economic, social and environmental benefits



## 服务理念 Service Philosophy

以心动人,以技服人,燃情四季,暖送万家 Provide wholehearted services, and win custom ers with professional expertise, warmth and passion



## 管理理為

Management Philosophy

以人为本,以事为重,规范高效,结果导向 People and results oriented, driven by professionalism and efficiency



### 安全理念 Safety Philosophy

自源头缔造和谐,重细节保障平安 Focus on details from inception to ensure a high degree of safety

## 企业使命 Corporate Mission



发展清洁能源,提升客户价值,共创美好蓝天

Develop clean energy; enhance customer value; create bright future for blue sky

## 企业价值观 Corporate Value



# 企业荣誉和活动 Corporate Awards and Events



■ 2016年至2017年,连续两年荣获《镜报》颁发"杰出企业社会责任奖" 2016 to 2017 - Awarded the "Outstanding Corporate Social Responsibility Award" from "The Mirror" for two consecutive years

2014年至2016年,连续三年荣获特许金融策略师协会颁发"杰出商业▶ 领域大奖"

2014 to 2016 - Awarded the "Business Excellence Award" from Association of International Certified Financial Consultants ("AICFC") for three consecutive years





■ 2016年9月,公司联席主席兼执行董事郑明杰先生荣获"亚洲企业家精神奖" September 2016 - Mr. Cheng Ming Kit, Co-Chairman of the Company, was awarded the "Asia Pacific Entrepreneurship award" 2016年10月,公司成功举办"天然气行业创新与发展展望"论坛会,并邀请 ▶ 行业专家分享和讨论天然气行业的前景及机遇

October 2016 - Successfully organized the "Prospects for Innovation and Development of Natural Gas Industry" Investor Forum. Industry experts were invited to share and discuss the prospects and opportunities of the natural gas industry and to promote market awareness of such industry.





■ 2016年11月,荣获中国证券金紫荆奖之"十三五最具价值上市公司"奖项 November 2016 - Awarded the China Securities Golden Bauhinia Award fo "Thirteen Five Most Valuable Listed Company"

2017年7月,荣获《资本杂志》颁发"第十二届资本杰出中国企业成就奖"之 ▶ "杰出中国天然气供货商奖"

July 2017 - Awarded the "12th CAPITAL Outstanding China Enterprise Awards—Outstanding Natural Gas Provider" from "Capital Magazine"





◀ 2017年至2018年,连续两年荣获"股市新动力奖 – 清洁能源之选" 2017 to 2018 - Awarded the "Clean Energy Choice Award" From "Investors' Power Picks" for two consecutive years



# 企业优势 Competitive Advantages



体制优势: 国资与港资结合 Institutional: Combination of State-owned and Hong Kong-funded assets

- 依托北京燃气在首都的地缘优势、企业内部专业化的运营管理体系及行业领先的技术优势
   Leverage upon Beijing Gas' industry expertise, resources and connections
- 吸收香港专业化的运作和激励机制
   Utilize Hong Kong's professional operation and manage—ment system
- 国有资本与港资结合的天然气企业
   A natural gas company merging the benefits of Hong Kong listing and solid support from Chinese State-owned Enterprise



资本优势:拥有雄厚资金实力的上市公司 Capital: A listed Company with strong financial strength

- 具备国内外融资能力 Domestic and international financing capacity
- 北京燃气、邓普顿新兴市场基金、海通国际证券、中国东方资产、中国华融、中州国际等
  Solid support from strategic shareholders and institutional investors, including Beijing Gas, Franklin Templeton, Haitong International, China Orient Asset Management, China Huarong Asset Management, Central China International

●股东背景强大,获得优质机构及行业投资者的支持,包括

负债比率低于行业平均水平
 Low debt ratio compared to industry average



资源优势: 创新精神 Source: Innovation

致力开发工商业液化天然气直供项目及分布式能源等新 消费增长业务,为用户提供专属融资及采购方案以及其 他增值服务,以加强客户体验,提升他们的满意度及忠 诚度

Dedicated to the development of new consumption growth projects such as LNG direct supply and distributed energy projects. Provide exclusive financing and procurement strategies for clients and other value—added services in order to strengthen customer experience and improve their satisfaction and loyalty



人才优势:聚合业界最优人才 Human Resources: Talent aggregation

●团队成员主要来自各大燃气公司,包括新奥能源 (2688.HK)、港华燃气(1083.HK)、中国燃气 (0384.HK)等,管理层具有丰富行业资源和先进的管理 理念

Members of management team are mainly from major gas companies, including ENN Energy ( 2688.HK ) , Towngas China ( 1083.HK ) , China Gas ( 0384.HK ) . The management is equipped with rich industry experience and advanced management concepts



# 天然气知识 Natural Gas Information

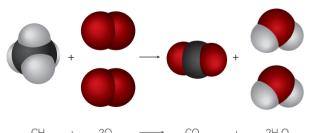
## 天然气的定义 Definition of Natural Gas

天然气是存在于地下岩层中的一种可燃气体,如气层气、油 田气、煤层气等。其主要成分是甲烷,基本不含硫,是无 色、无毒、无腐蚀性气体。

天然气的热值为8500-9500Kcal/Nm³;密度约0.75-0.8Kg/Nm³,比空气轻,易逸散。

天然气的相对密度是指相同压力及温度条件下,天然气和空气密度之比,约为0.58-0.62。

天然气燃烧后只生成二氧化碳和水,产生的温室气体仅有煤炭的1/2、石油的2/3,对环境的污染远远小于石油和煤炭,是一种高效清洁的能源。



Natural gas is found in deep underground rock formations or associated with other hydrocarbon reservoirs in coal beds and as methane clathrates. Methane is the main component of natural gas. It does not contain sulfur, and is a colorless, non-toxic, and non-corrosive gas.

Natural gas has a calorific value of 8500–9500 kcal/Nm³; density of about 0.75–0.8 Kg/Nm³, which is lighter than air and easy to escape into the air.

The relative density of natural gas is the ratio between natural gas and air under the same pressure and temperature condition, and reaches about 0.58 – 0.62.

Natural gas produces carbon dioxide and water after combustion, and the greenhouse gas produced is only 1/2 of that from coal and 2/3 of that from oil. It is a highly efficient clean energy with less pollution than coal and oil.

### 天然气的形态 Forms of Natural Gas

天然气常见的应用形态有管道天然气、液化天然气(LNG) 和压缩天然气(CNG)三种。

**管道天然气**:由气田开采后直接通过管道输送到客户端的天然气。

液化天然气(LNG): 天然气在常压下,冷却至约-162℃时,将由气态变为液态。

压缩天然气(CNG): 天然气经过加压至20Mpa,并以气态存储于压力容器中。

Application forms of natural gas normally include pipeline gas, LNG and CNG.

Pipeline natural gas: Natural gas transported directly to users via pipelines upon mining from the field.

Liquefied natural gas (LNG): Natural gas changes from gas to liquid form upon cooling to about-162°C under normal pressure.

Compressed natural gas (CNG): Natural gas being pressurized to 20 Mpa and stored in a gaseous state in hard containers.



### 天然气的应用 Natural Gas Applications

城市燃气:包括城市中的居民、公福、采暖、小工业、车 船用气等。

工业燃气: 陶瓷、玻璃、冶金、石化等工业客户。

化工用气: 主要使用天然气作原料来生产化肥或制氮。

发电用气:包括用于基荷、腰荷、调峰的天然气发电厂和 分布式能源发电站。

## 中国天然气表观消费量(2007-2017)

China's Natural Gas Consumption (2007–2017)



数据来源:《BP世界能源统计年鉴》 Source: BP Statistical Review of World Energy City Gas: Includes gas supply for residents, heating, commercial and industrial clients, ship, cars and other vehicles.

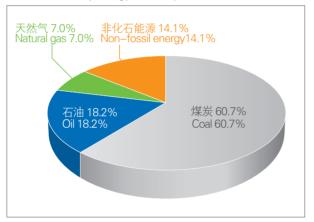
Industrial Gas: used by industrial customers of ceramics, glass, metallurgy, petrifaction.

Chemical Gas: used as raw materials to produce fertilizer or nitrogen.

Gas for Power Generation; used in natural gas power plants and distributed energy power stations.

### 2017年中国一次能源消费结构

China's Primary Energy Consumption Structure in 2017



数据来源:《BP世界能源统计年鉴》 Source: BP Statistical Review of World Energy

### 2016年世界各国一次能源消费结构

Global Primary Energy Consumption Structure in 2016

		原油 Oil	天然气 Natural gas	原煤 Coal	核能 Nuclear energy	水电 Hydropower	再生能源 Renewable energy
美国	United States	38%	32%	16%	8%	3%	4%
加拿大	Canada	31%	27%	6%	7%	27%	3%
俄罗斯	Russian Federation	22%	52%	13%	7%	6%	0%
法国	France	32%	16%	4%	39%	6%	3%
德国	Germany	35%	22%	23%	6%	1%	12%
乌克兰	Ukraine	10%	30%	36%	21%	2%	0%
英国	United Kingdom	39%	37%	6%	9%	1%	9%
日本	Japan	41%	22%	27%	1%	4%	4%
马来西亚	Malaysia	36%	39%	20%	0%	4%	0%
韩国	South Korea	43%	14%	29%	13%	0%	2%
中国台湾	Taiwan	42%	15%	34%	6%	1%	1%
泰国	Thailand	48%	35%	14%	0%	1%	2%
中国	China	19%	6%	62%	2%	9%	3%
亚太地区	Total Asia Pacific	28%	12%	49%	2%	7%	3%
世界平均	Total World	33%	24%	28%	4%	7%	3%

数据来源:《BP世界能源统计年鉴》 Source: BP Statistical Review of World Energy

### 天然气的优势 Advantages of Natural Gas

安全: 天然气不含一氧化碳, 密度小于空气, 即便泄漏, 也会立即向上扩散,不易积聚形成爆炸性气体,也不易引发 中毒事故。

高效:天然气的热值高,约为人工煤气的2.3倍,因而比人 工煤气耐用。

清洁: 天然气的杂质含量极少, 能减少二氧化硫和粉尘排 放量近100%,减少二氧化碳排放量60%和氮氧化物排放量 50%,目前天然气应用备受国家政策大力扶持。

Safe: Natural gas does not contain carbon monoxide, and its density is less than air. It immediately dissipates upwards if it

Efficient: The calorific value of natural gas is high, about 2.3 times that of artificial gas, and is more durable than artificial gas. Clean: Natural gas has extremely small amount of impurities and can reduce (i) sulfur dioxide and dust emissions by nearly 100%, (ii) carbon dioxide emissions by 60% and (iii) nitrogen oxide emissions by 50%. Currently, there are numerous national policies to support natural gas applications.

## 天然气应用优势









## 其他燃料供应面对的问题





存在政策风险









# 未来展望 Future Outlook

天然气在全球能源转型中担负着重塑能源格局、实现能源结 构清洁化的重任,也是中国改善环境的最现实的清洁能源。

发展天然气产业已经成为世界各国改善环境和促进经济可持续发展的最佳选择,中国正在积极推进资源节约型和环境友好型社会建设。推动天然气行业市场的发展,为客户提供安全、稳定的清洁能源,更是北燃蓝天的责任和使命。

我们将把握中国经济发展和能源结构调整的历史机遇,作为北京燃气面向国际的投融资平台,结合北京燃气的行业资源和资本优势,持续开发区域潜在项目,积极拓展市场空间,构建完整的价值链,打造特色产业链。我们愿与行业同仁广泛合作,实现跨越式发展,共同迎接"全球气体能源时代"的到来。

北燃蓝天的未来是开拓创新、砥砺前行、与时俱进的未来! 北燃蓝天的未来是清洁化发展、集团化管理、专业化经营的未来! 北燃蓝天的未来是协同进取、合作共赢,立足国内、面向世界的未来! Natural gas plays an important role in global energy transformation and environmental protection.

China is proactively building an energy efficient and environment-friendly society. It is the responsibility and mission of BG Blue Sky to promote the development of natural gas industry and provide customers with safe, reliable and stable clean energy. As Beijing Gas' international investment and financing platform, BG Blue Sky will continue to develop and expand in the natural gas industry, and build a comprehensive value chain within such industry, by leveraging upon the industry resources and capital strength of Beijing Gas. We are willing to cooperate with other players in the natural gas industry to expedite sustainable development and welcome the era of "Gas Energy".

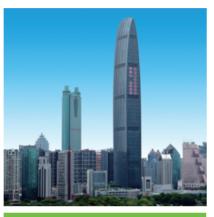
BG Blue Sky's future is with exploration, innovation and continuous improvement.

BG Blue Sky's future is with the development of clean energy, systematic management and professionalism!

BG Blue Sky's future is with cooperation and advancement, winning relationships, and development in both domestic and foreign markets!







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