

HIGHLIGHTS OF 2018

150+ Participants  
25+ Expert Speakers

# 19<sup>th</sup> Annual Conference



# Gas in India

Trends, Policy Initiatives, New Opportunities & Strategies  
for the Future

November 5-6, 2019, Shangri-La's - Eros Hotel, New Delhi

Organisers:



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\*Sponsorship slots available

# GAS IN INDIA

## Mission

- The year 2018-19 witnessed significant efforts by the government to drive investments in the gas sector. It was marked by the government's decision to hike natural gas prices for the fourth consecutive time in the past two years. The government also granted marketing and pricing freedom to all new gas discoveries, the field development plans of which are yet to be approved.
- Further, the E&P segment received a major fillip with three new bidding rounds launched under the Open Acreage Licensing Policy (OALP) under which 92 blocks were offered for auction. The government has committed an investment of about Rs 15 trillion over the next four to five years for the development of these blocks. Another 53 blocks have been awarded under the two discovered small fields bidding rounds. New discoveries have also been made in the NEC-25 block in the Mahanadi basin.
- The prospects for the city gas distribution (CGD) segment too have improved significantly in the past couple of years. The Petroleum and Natural Gas Regulatory Board has granted authorisation for the development of CGD infrastructure in 130 new geographical areas (GAs) under Rounds 9 and 10 of bidding. About Rs 1.2 trillion is expected to be invested in the development of CGD infrastructure in these GAs in the next eight to ten years.
- Meanwhile, the increase in natural gas production has only been marginal and liquefied natural gas (LNG) continues to be imported in huge quantities. The consumption of natural gas has been rising consistently since 2014-15. LNG capacity build-up has to increase as the dependence on imports is going to remain to the extent of 45 per cent over the next two to three years.
- Not much progress has been made in the pipeline segment. Utilisation of the existing pipelines remains low. The development of new pipelines has been slow owing to issues related to land acquisition and right of use. Besides, the marketing of coal bed methane blocks has been a big challenge for the industry.
- Gas demand in India is set to increase to 290 mmscmd by 2024-25. It is hoped that increasing domestic E&P activity will correct the declining gas production to some extent, as production from the newly awarded blocks under the OALP and the DSF bidding rounds comes online in the next one to two years. The use of new and innovative technologies and digital solutions is expected to increase as well.
- That said, issues such as the high execution risks associated with huge capital expenditure, the slow pace of pipeline build-up, increasing import bills and long-term pricing policies need urgent attention. While the recent policy initiatives mark a significant departure from the past and bode well for the sector, effective and timely implementation will hold the key to overall success. The presence of an enabling regulatory regime will also be extremely important for better functioning of the gas sector.
- **The mission of this conference is to analyse the key trends and developments in the gas sector, highlight recent government initiatives and their impact, showcase noteworthy projects and technologies, identify new opportunities, and discuss the key issues and concerns. The conference will also provide an excellent forum for all stakeholders including policymakers, exploration and production companies, EPC contractors, consultants, technology providers and equipment manufacturers to share their experience and exchange views.**

## Target Audience

- The conference is targeted at officials and managers from:

- Natural Gas Producers

- Natural Gas Buyers

- LNG Suppliers

- Potential LNG Buyers

- Oil & Gas E&P Companies

- Pipeline Operators

- City Gas Distributors

- Policymakers and Administrators

- Government Agencies

- Regulatory Agencies

- Equipment Manufacturers

- Technology Providers

- CBM Companies

- Captive Plants

- Fertiliser Manufacturers

- Steel Manufacturers

- Other Industrial Users

- Ports and LNG Shipping Companies

- Financial Institutions

- Research Organisations

- Industry Analysts

- Energy Consultants

- Legal Firms

- Etc.

## AGENDA/STRUCTURE

### EMERGING TRENDS, DEVELOPMENTS AND OUTLOOK

- ❖ What have been the key trends in gas supply, demand and prices?
- ❖ What are the recent developments? What are some of the unresolved issues?
- ❖ What are the new opportunities? What is the future outlook?

### MoPNG PERSPECTIVE: ACHIEVEMENTS, PLANS AND STRATEGIES

- ❖ What have been the key achievements of the ministry during the past year?
- ❖ What has been the impact of the recent policy initiatives taken by the MoPNG?
- ❖ What are the challenges facing the sector?
- ❖ What policy changes/initiatives can be expected in the future?

### INDUSTRY PERSPECTIVE: EXPERIENCE, STRATEGIES AND FUTURE PLANS

- ❖ What has been the experience of industry players so far? What have been the biggest challenges?
- ❖ What are the key expectations from the government?
- ❖ What are the future investment plans?

### EMERGING REGULATORY SCENARIO: RECENT DEVELOPMENTS AND UNRESOLVED ISSUES

- ❖ What are the recent regulatory developments?
- ❖ What will be the impact of these developments on the gas industry?
- ❖ What are the key unaddressed regulatory issues and concerns?

### CITY GAS DISTRIBUTION: NETWORK EXPANSION PLANS AND FUTURE GAS DEMAND

- ❖ What is the current demand for gas from the CGD sector? What are the sources of gas supply?
- ❖ What are the network expansion plans? How is the demand for gas expected to increase in the next couple of years?
- ❖ What are the key issues and challenges?

### E&P SCENARIO: FOCUS ON OALP AND DSF

- ❖ What have been the key initiatives and measures taken to promote E&P activity?
- ❖ What are the investment requirements for the recently awarded OALP and DSF blocks? What are the targets and timelines for implementation?
- ❖ What are the upcoming opportunities for various stakeholders? What are the key issues and challenges?

### CUSTOMER PERSPECTIVE: CURRENT DEMAND, SUPPLY SOURCES AND FUTURE REQUIREMENTS

- ❖ What are the current requirements of the key consuming segments?
- ❖ How are the requirements being met? What are the gas sourcing strategies?
- ❖ How is the demand expected to increase in the next few years? What are the key issues and challenges?

### INDIA AS A GAS TRADING HUB: FUTURE STRATEGIES AND PLANS

- ❖ What are the plans and timelines for the launch of a natural gas trading exchange in the country? What are the likely features of the exchange?
- ❖ What will be the expected impact of the exchange on natural gas pricing and consumption?
- ❖ What will be the key benefits for gas consumers?

### FOCUS ON GAS SUPPLY: PAST TRENDS, NEW PRODUCTION AND OUTLOOK

- ❖ What have been the key trends in domestic gas production in the past few years?
- ❖ What are the key initiatives that have been taken to increase E&P investments?
- ❖ What are the recent trends in gas prices? What has been the impact of these price fluctuations on E&P investments?
- ❖ What is the outlook for gas supply?

### LNG MARKET TRENDS AND SUPPLY OUTLOOK

- ❖ What are the recent trends and developments in the LNG market?
- ❖ What are the recent trends in global LNG prices?
- ❖ What are the existing and new LNG import options? What is the outlook for LNG supply?

### LNG INFRASTRUCTURE: CURRENT STATUS AND UPCOMING PROJECTS

- ❖ What has been the performance of the existing LNG terminals? What are the future expansion plans?
- ❖ What are the upcoming and planned projects in this segment?
- ❖ What are the opportunities for developers, contractors, and technology and equipment suppliers?

### PIPELINE INFRASTRUCTURE: CURRENT STATUS AND KEY CHALLENGES

- ❖ What is the status of approved and planned pipeline projects?
- ❖ What is the update on the Northeast Natural Gas Pipeline Grid?
- ❖ What are the investments expected in the segment? What are the key challenges?

### ASSET MAINTENANCE AND MONITORING: BEST PRACTICES AND FUTURE REQUIREMENTS

- ❖ What are the technology and analytics solutions available to help gas companies better manage their assets?
- ❖ What are the best practices in the management and monitoring of assets?
- ❖ What benefits can companies expect from these to improve asset utilisation?

### FUTURE OF COAL BED METHANE: UPCOMING PRODUCTION AND INVESTMENTS

- ❖ How has CBM production grown in the past two to three years? When are the five CBM blocks offered under OALP Round III likely to be re-bid?
- ❖ What are some of the policy steps being proposed for reviving the segment?
- ❖ What are the future plans and strategies of the key producers? What are the investment requirements?

### SPOTLIGHT ON NATURAL GAS VEHICLES: EMERGING TRENDS AND NEW OPPORTUNITIES

- ❖ What are the emerging trends and developments in the natural gas vehicle market?
- ❖ What are the new technologies/equipment options being deployed? What has been the experience so far?
- ❖ What are the key issues and challenges?

### FUTURE TECHNOLOGIES: NEEDS, REQUIREMENTS, CHALLENGES AND OPPORTUNITIES

- ❖ What are the emerging and new technology requirements of the gas sector?
- ❖ What is the role of IT and automation in various operations?
- ❖ What specific benefits can the sector draw from technology advancements (AI, robotics, blockchain, GIS, ERP, IoT, big data, etc.)?
- ❖ What has been the experience globally? What are the lessons for India?

### EMERGING EQUIPMENT REQUIREMENTS

- ❖ What are the various equipment requirements of the gas industry?
- ❖ What are the recent trends and advancements? How is the industry gearing up to meet the emerging requirements of the gas sector?
- ❖ What are the key issues and challenges?

### GLOBAL PERSPECTIVE: EXPERIENCE, BEST PRACTICES AND INNOVATIONS

- ❖ What has been the experience of global gas companies in the sector? What have been the key initiatives and reform measures taken to increase gas production?
- ❖ What are the new innovations and advancements? What are the noteworthy projects?
- ❖ What are the key issues and challenges? How are these being addressed?

# GAS IN INDIA

## Previous Speakers



**Atanu Chakraborty**  
then Director General  
Directorate General of Hydrocarbons



**S.P. Garg**  
Member  
PNGRB



**Dilip Kumar Pattnaik**  
ED, Gas & Renewable  
HPCL



**Jacob Mathew**  
SBU President, RJ Gas Production  
Cairn Oil and Gas



**Arvinder Singh Awwal**  
ED, Technical  
KRIBHCO



**Dr Ashutosh Karnatak**  
then Director, Projects  
GAIL



**Sanjay Kumar Moitra**  
Director, Onshore  
ONGC



**E.S. Ranganathan**  
Managing Director  
Indraprastha Gas



**Dr. A.K. Balyan**  
Former CEO, Oil & Gas  
Reliance Group



**Hiren Mehta**  
GM, Marketing  
H Energy



**Prabhat Singh**  
MD and CEO  
Petronet LNG



**Rajeev Mathur**  
ED (Corporate Affairs)  
GAIL



**Nitin Patil**  
CEO  
Gujarat Gas



**S. D. Prasad**  
Chief General Manager  
NTPC



**Rajesh Kumar Mediratta**  
Director  
IEX

## Previous Participants

The organisations that participated in our previous conference on “Gas in India” include: Aarvi Encon, Adani, Adani Ports & SEZ, Adani Ports and SEZ, Advaita Legal, Adventz Zuari, Aiut Technologies, Aker Solutions, AUCTUS Advisors, Baumer, Bhagyanagar Gas, Black & Veatch, BMR & Associates LLP, BPCL, Brokings India, Cairn, Cairn India, Care Ratings, Central UP Gas, Chambal Fertilisers and Chemicals, Charotar Gas, Cinda, Clarke Energy, CLP, Deepak Fertilisers & Petrochemicals, Diamond Gas International, Directorate General of Hydrocarbons, DLF Power & Services, DLF Utilities, DNV-GL, Dolat Capital, DUA Associates, Duraline, E Contols, EIL, Elster, Empire Industries, Engie, ESP Safety, Evonik, Fearnleys LNG, Filter Concept, Fossil, Forbes Bulmi Armada, Frames Group, GAIL India, Gas Natural Fenosa, GDF Suez Energy, GE Oil & Gas, GMMCO, GMR Energy, Govt. of Western Aust, Green Fuel Energy, Green Gas, Greenfuel Energy Solutions, Greka Drilling, GSPC, GSPL, Gujarat Fluorochemicals, Gujarat Gas, Gujarat State Fertilizer, HCL, HDFC, Heath Consultants, H-Energy, High Commission of Canada, HITECH Industrial Lining Pvt Ltd, Honeywell, Honeywell Process Solution, HPCL, HPCL-Mittal, HSA Legal, ICF, ICICI Bank, ICRA, IEX, IFC, IFFCO, IGL, IMC Limited, Imkemex, India Futuristic Marine, Indraprastha Gas, Inel, Inox Wind, IOCL, IOT Infrastructure & Energy Services, Jain Irrigation, Jainsons Industries, JSW Steel, Kimplas Piping, KPCL, KPIT, KPMG Advisory Services, Kraton Polymers, KRIBHCO, Linde, Lloyd's Register, Madras Fertilisers, Mahanagar Gas, Maharashtra Natural Gas, Maharashtra State Power Genco, Marubeni, Maruti Suzuki, MCX, MECON, Mits Skills, Mitsubishi, Mitsubishi Heavy Industries, Mitsui, Morgan Stanley, Motilal Oswal, Moxa, Mumbai Port Trust, National Fertilizers, NEDO, Neumen Esser, NFL, Nirmal Industrial, NTPC, Oil India, ONGC, ONGC Tripura Power Company, ONGC Uran, Parker Hannifin, Petronet LNG, Petronet LNG Kochi, Piramal Glass, PNGRB, PPAC, PPS, PROTEGO, Rajasthan State Gas, Raychem RPG, Reliance, Reliance Group, Reshamwala Ship Brokers, Reshamwala Shipbrokers, RIL, RIL Cracker business, Rockwell Automation, RSGL, Sabarmati Gas, Sabarmati Gas (additional), SAGE Group, Saigal Sea Tradem Saipem, Sandvik, Savair, SBI Capital Markets, SBI Caps, Scania, SECON, Secure Meters, SENER, Sener India, SGS, Shapoorji Pallonji, Shapoorji Pallonji Oil & Gas, SICK, Siemens, Simorgh Energy, Sterling & Wilson, Suren Enterprise, Suren Enterprises, Swagelok, TANGEDCO, Tata Communication, Tata Communications, Technip, The corporate profile, The Corporate Profiles, The Shipping Corporation of India, Thermax, Thermax Global, Toyo Engineering India, Toyota Touche, Tulip Compression, U3S Chemsolutions, U3S Chemsolutions, Uniper Global Commodities, Varicon Pumps & Systems, Varun Global, VCS Quality, Vimta Labs, Vitrum Glass, Wallfort Financial Services, Western Australia Trade, etc

## Organisers

The conference is being organised by **India Infrastructure Publishing**, the leading provider of information on the infrastructure sectors. The company publishes **Indian Infrastructure** (a magazine on infrastructure policy and finance), **Power Line** (India's premier power magazine) and **Renewable Watch** (covers the entire spectrum of renewable energy). It also publishes a series of reports on the oil and gas sector including **City Gas Distribution Market in India** and **LNG Market in India**. It also publishes **Oil & Gas News** (a weekly newsletter) and the **Oil & Gas Directory and Yearbook**.



# SNAPSHOTS



# 19th Annual Conference on **GAS IN INDIA**

## Trends, Policy Initiatives, New Opportunities & Strategies for the Future

November 5-6, 2019, Shangri-La's - Eros Hotel, New Delhi

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### Registration Fee

Delegates	Fee			
	INR	GST @ 18%	Total INR	Total USD
One delegate	25,000	4,500	29,500	492
Two delegates	40,000	7,200	47,200	787
Three delegates	55,000	9,900	64,900	1,082
Four delegates	70,000	12,600	82,600	1,377

- Registration will be confirmed on receipt of the payment.
- To register online, please log on to <http://indiainfrastructure.com/conf.html>

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