12th Annual Conference on

CITY GAS DISTRIBUTION IN INDIA

Network Growth: Challenges & Opportunities

March 1-2, 2017, Le Meridien, New Delhi

Organisers:

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*Lead and Co-sponsor slots available
The city gas distribution (CGD) sector has witnessed mixed progress in the past few years. The network has continued to grow and fresh licences have been issued at a much faster pace. However, despite several changes in the bidding parameters to encourage participation, the response has remained lukewarm.

The pipeline network has grown at a compound annual growth rate (CAGR) of about 15 per cent between 2012 and 2016 (till June 2016) and the number of CNG stations has increased at a CAGR of 16 per cent. The total sales in 2015-16 were close to 15 mmscmd.

In 2016, new bidding rounds were rolled out by the PNGRB. Bids were invited for the development of CGD networks for five GAs under the seventh round and another eight GAs under the eighth round. While the seventh round was deferred due to issues of uncertain/distant natural gas pipeline connectivity, the eighth round is currently in its bidding phase.

The PNGRB also plans to invite fresh bids for 27 GAs under the fifth and sixth bidding rounds that either did not receive a bid or received only one bid. The Ministry of Urban Development has also selected 20 cities to be taken up for CGD network development under Round I of the Smart Cities Challenge. Of the 20 cities selected, bids have been invited for the development of CGD networks in 11 cities. There is thus significant opportunity for CGD operators in the next four to five years.

The PNGRB granted authorisation to lay, build, operate and expand the CGD network in two cities covered under the fourth bidding round, seven cities covered under the fifth bidding round, and 16 cities covered under the sixth bidding round.

While gas availability continues to be a challenge, policy developments have certainly helped improve access to domestic gas. Since January 2014, the top priority in domestic natural gas allocation has been accorded to domestic the CNG and PNG categories. This has helped CGD players to cut prices and retain their margins, thereby allowing them to regain competitiveness.

Going forward, the business potential for CGD networks in India is significant, owing to a strong domestic consumer base for the industrial, commercial and vehicular segments. The sector is offering more opportunities for technology providers as well. Most CGD operators are testing world-class technologies and best practices to ensure effective operations.

That said, given the importance attached to CGD development by the government and industry players, the sector needs to work on addressing operational challenges. The areas that require attention are asset management and distribution, trunkline connectivity, network safety, leakage detection and metering.

The mission of this conference is to analyse the key trends and developments, discuss the key issues and highlight the opportunities over the next few years. The conference also aims to showcase noteworthy projects, best practices and the most promising technologies.

The conference is targeted at:

- Gas distributors
- Gas marketers/suppliers
- Policymakers and regulators
- Infrastructure builders
- Natural gas producers
- State development agencies
- Engineering and design firms
- Pipeline manufacturers
- Leak detection solution providers
- Technology providers
- Meter manufacturers
- Material technology providers
- Consulting and legal firms
- Pipeline operators
- Industrial consumers
- IT solution providers (SCADA, GIS, ERP, etc.)
- Financial institutions
- Etc.

The delegate fee is Rs 22,500 for one delegate, Rs 37,500 for two, Rs 52,500 for three, and Rs 67,500 for four. The 20 per cent early bird discount ends on February 7, 2017.

Service tax of 15 per cent is applicable on the registration fee.

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# AGENDA/STRUCTURE

## TRENDS AND OUTLOOK
- What have been the key trends and developments in the past few months?
- What is the outlook? What are the new opportunities?
- What are the key challenges?

## OPERATORS’ PERSPECTIVE
- How do the operators perceive the CGD sector?
- How attractive is the CGD business currently? How have the policy amendments (priority allocations, new gas price, etc.) helped?
- What are the new business opportunities?
- What are the key challenges?

## PNGRB PERSPECTIVE
- What is the progress on the various bidding rounds (fourth, fifth and sixth)?
- What is the update on the seventh and the eighth rounds? How has been the bidding experience in these rounds?
- What have been the key initiatives for the development of the CGD sector?
- What can the industry expect from the PNGRB in the next few years? What are the targets for the next few years?

## GAS SUPPLY OUTLOOK
- What is the current status of gas supply?
- What are the current sourcing options?
- Have they changed in the past one year?
- What is the outlook for gas supply?

## OPPOORTUNITIES IN NEW GAS
- What are the operators’ plans for developing CGD networks in new GAs?
- How do they perceive the GAs being offered under the 7th and 8th bidding rounds?
- What are the key milestones and timelines?
- What are the expected challenges in their respective districts?

## OPPORTUNITIES UNDER THE SMART CITIES CHALLENGE
- What are the opportunities for CGD network development under smart cities?
- Which GAs are being offered under this programme? What has been the bidding experience so far?
- What are the key issues and challenges?

## IT AND OT IN CGD
- What are the key trends with regard to the use of IT and OT in the CGD sector?
- What are the most promising and relevant technologies?
- What are the key issues and opportunities?

## NETWORK AND ASSET MANAGEMENT
- What has been the experience so far in network/asset management?
- What are the key technologies being deployed for asset management (GIS, SCADA, ERP, etc.)?
- What are the global best practices?

## METERING AND BILLING
- What has been the experience so far in metering and billing?
- What technologies are being used in this area?
- What are the new metering technologies being considered for deployment?
- What are the key challenges?

## FOCUS ON SAFETY ASPECTS
- What are the key risks in ensuring safety and security in CGD pipeline networks?
- What are the automation technologies available to monitor various hazards (leak detection, repair/rehabilitation, etc.)?
- What has been the experience so far in India?

## PROJECT AND TECHNOLOGY SHOWCASE
- Which are some of the noteworthy projects (operational and upcoming)?
- What are their key features (network size, design, milestones, etc.)?
- What lessons can be learnt from the experience of these projects?
- What are the most promising technologies?
CITY GAS DISTRIBUTION IN INDIA

The city gas distributors that have participated in the conference include:

![Company Logos]

**Last year’s keynote speakers:**
(In alphabetical order)

- Dr. B. Mohanty, Member, Petroleum and Natural Gas Regulatory Board
- Ashutosh Jindal, Joint Secretary (IC&GP), Additional Charge (Marketing), MoPNG
- Rajeev Mathur, Managing Director, Mahanagar Gas Limited
- Narendra Kumar, Managing Director, Indraprastha Gas Limited
- PPG Sharma, Former CEO, GSPC Gas


**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 Gas in India report, Oil & Gas News (a weekly newsletter) and the Oil & Gas Directory and Yearbook.

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SNAPSHOTS FROM PREVIOUS YEAR

City Gas Distribution in India

Challenges and Way Forward, Hyatt Regency, New Delhi

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- Distribution of sponsor promotional material to each delegate
- Prominent logo presence at the conference (backdrop, vertical panel, etc.)

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For sponsorship opportunities, contact: Varun T. Boyle, Tel: +91-11-41034610, 9999430521
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Registration Fee

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- Service tax of 15 per cent is applicable on the registration fee.
- 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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- Conference fee includes lunch, tea/coffee and conference material.

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