

Indraprastha Gas Limited

New Delhi

– Ajay Kumar Khatri*

Company Overview

Indraprastha Gas Limited (IGL) is a prominent City Gas Distribution Company in India, established in 1998. It took over the Delhi City Gas Distribution Project in 1999 from GAIL (India) Limited. The primary objective of IGL was to develop a natural gas distribution network in the National Capital Territory of Delhi, catering to domestic, commercial, and transport sectors. Backed by strong promoters like GAIL (India) Ltd. and Bharat Petroleum Corporation Ltd. (BPCL), IGL has expanded its operations to cover the entire NCT of Delhi, the national capital region (NCR), and in many geographical areas in states of Haryana, Rajasthan, and Uttar Pradesh.

Business Objectives: IGL's main business objectives are twofold:

1. Provide Safe, Convenient, and Reliable Natural Gas Supply: IGL aims to offer safe and reliable natural gas distribution to its customers in the domestic and commercial sector.
2. Offer Cleaner and Environment-Friendly Auto Fuel: IGL seeks to provide a cleaner alternative as auto fuel to residents in various regions, including NCT of Delhi, NCR, and parts of Uttar Pradesh, Haryana, and Rajasthan. By promoting the use of natural gas as a fuel for vehicles, the company aims to reduce pollution levels significantly.

Mission: Committed to provide safe, reliable and clean energy solutions to improve quality of life and enhance stakeholders' value.

Vision: India's leading clean energy solution provider through a customer centricity, innovative technology and diversification, with international presence.

Core Values: The Company's core values include integrity, ethical behaviour, transparency, commitment at all levels, and empathy, which guide its operations and decision-making processes.

Status of IGL after 24 years

After 24 years of operation, IGL has achieved significant milestones, making it a unique player in India's City Gas Distribution sector. Some key highlights include:

- Operating the largest CNG distribution network in India, with over 792 CNG outlets in its operational areas.
- Providing CNG to the largest fleet of CNG buses in the World.
- Safely operating the Largest Pipeline Network of more than 14000 Kms in a single city in INDIA.
- Supplying uninterrupted gas supply to more than 15.5 lakh CNG customers and more than 24 lakhs PNG customers along with vital areas like President House, & IGI Airport.

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- Catering the fuel requirement of around 5204 commercial and 4059 industrial customers.
- Initiating green initiatives like Gas-Based Gensets to curb emissions and air pollution in NCT of Delhi and NCR.

Being ISO 9001, ISO 14001 and ISO 45001 certified company IGL has well documented Safety Management System in place. Some of the outstanding initiatives and best practices of the organization in the field of safety are listed here below:

1) **Safety and Technical Competency Training:** This was first of its kind initiative in the City Gas distribution sector taken by IGL wherein customized training modules were prepared which included live high pressure gas firefighting to the station staff, thus making them competent to prevent, control and fight any fire at CNG station. This initiative drastically decreased large fire incidents at our CNG stations as the trained staff is competent to extinguish the fire in its incipient stage.

2) **Mobile training Van:** IGL has a specially designed Mobile training van to effectively address safety training and safety awareness needs for various target groups at their premises.

IGL's mobile training van is equipped with all latest training aids and live firefighting system wherein experienced trainer provides hands on training on Risk & Hazards associated with natural gas, Do's & Don'ts, action in case of emergencies, firefighting to the Society Residents especially to the women/housewives at their doorstep. This initiative has received accolades from various government bodies.

3) **App-Based Permit to Work System:** Looking into the requirement of our City Gas Distribution, we have developed and implemented App-based Permit to Work system to enhance safety, reduce time in issuance of permit, real time tracking and monitoring of working teams. With the help of technology, we are ensuring that only the trained work force carry out the jobs as per written down procedures/set standards/conditions stipulated in Permit to Work to ensure safety at site.

4) **Emergency Response System:** IGL has set up round the clock manned Emergency Control Centers (ECC) along with Emergency Response Vehicles at various strategic locations of Delhi & NCR with trained, qualified, and experienced personnel to respond to emergencies.

Further IGL's CNG & PNG installations are provided with state of art firefighting systems like High-pressure water-mist cum foam systems, DCP flooding system for Bus dispensing points, High Capacity DCP flooding system for CNG cascades and CO2 flooding system for CNG compressor along with portable fire extinguishers. All the employees are trained to operate these systems efficiently to tackle emergencies.

Mock drills are carried out regularly for testing the efficacy of IGL's Emergency Response and Disaster Management Plan.

5) **Nine Life Saving Rules:** IGL has also implemented the NINE LIFE SAVING RULES launched by International Association of Oil and Gas Production (IOGP) as critical tool towards ensuring occupational safety and worksite safety at IGL installations.

- 6) **General Service Platform (GSP):** The intent of this platform is to perform:
 - Category wise incident analysis.
 - Strategic actions based on analysis of incident i.e. implement corrective and preventive actions to prevent recurrence of the incidents.
- 7) **Online Incident Reporting System:** IGL introduced an online system for employees to report incidents in real-time, such as near misses, injuries, and property damage.
- 8) **Strict Adherence to SOPs:** In IGL each activity is carried out in conformance to the SOPs. Strict adherence to the applicable SOP is ensured by
 - i) Ensuring availability of trained and experienced skilled manpower.
 - ii) Conducting Refresher training on SOPs
 - iii) Conducting Routine and surprise visits.
- 9) **Customer awareness Programs:** IGL organizes various Safety Clinics & Camps on regular basis for its CNG and PNG consumers' awareness. Also safety information is broadcasted through FM Radios regularly, safety pamphlets/ stickers are distributed, Animated safety films are shown for consumers' awareness outreach each and every customer and sensitize them towards Gas Safety.

Overall, IGL has made substantial progress in its mission to provide clean and reliable energy solutions while prioritizing safety and environmental concerns.

Awards/Recognition in Field of Health, Safety & Environment

1. Winner of Safety Innovation Award- 2014 to 2022 by the Institution of Engineers (India) Delhi State Centre.
2. Received “Certificate Of Appreciation” by National Safety Council-2012 to 2021
3. Winner of Greentech Safety Award 2015 (Gold Category)
4. Winner of Greentech Safety Award 2014 (Platinum Category).
5. Winner of “Special Commendation” for Golden Peacock Occupational Health & Safety Award – 2014 – Gas Sector.
6. Winner of Greentech Safety Award 2013 (Gold Category).
7. Recipient of “Special Jury Award for Contribution to the Society” in India Pride Awards 2011.