

## The 1<sup>st</sup> Knowledge Sharing Program for CGD entities

First "Knowledge Sharing Program for City Gas Distribution entities" was organized by Gujarat Gas Limited under the aegis of sector regulator Petroleum and Natural Gas Regulatory Board (PNGRB). The program was organized at Ahmedabad on 28<sup>th</sup> November 2018 in the august presence Shri S Rath, Member (I&T), PNGRB, Shri Arvind Kumar, Additional Advisor, PNGRB and Shri Nitin Patil, Chief Executive Officer, Gujarat Gas Limited

The primary objective of the program was to share the experiences of CGDs that have gained over time and also some latest trends in operations that help improve delivery efficiency.

Shri S Rath - Member (I&T), PNGRB in his inaugural address highlighted the need of organising such an interactive forum that maximizes sharing of learnings and experience, eventually reducing risks on CGD infrastructure & enhancing network delivery efficiencies.

The program covered following aspects of CGD business and associated activities:

- Asset Integrity - Its Importance in Mature CGDs and Experience Sharing
  - Presented by Gujarat Gas Limited - *focused on PE network integrity, Domestic installation integrity and benefits of Asset Integrity in CGD sector*
  - Presented by Mahanagar Gas Limited - *focused on pipeline elevation profile mapping and Differential Global Positioning Systems (DGPS) adopted by MGL*
- Advent of technologies - Gas Metering and Meter Reading Methodologies
  - Presented by Inel Gas Controls Pvt. Limited - *focused on smart metering including various technologies for AMR and Prepayment in Diaphragm Gas Meter*
  - Presented by AIUT Technologies - *focused on their experience in GAIL Gas Bangalore related to installation of smart metering system; focused on smart metering including various technologies for AMR and Prepayment in Diaphragm Gas Meter*
- Protection of MS Pipelines - Cathodic Protection
  - Presented by K B Singh & Associates - *focused on requirement of different standard for Cathodic Protection for pipelines in City Gas Distribution as compared with cross country pipeline*

- Evolving Business Models for setting up CGD
  - Presented by Petronet LNG Limited - *focused on alternative ways to expedite CGD infrastructure development by way deploying LNG on wheels to cater demand of various segments in areas away from pipeline network where extension may take longer time*
- Digital aids deployed for efficient operations in CGD Sector
  - Presented by Gujarat Gas Limited - *focused on ease of doing business and value enhancement due to GIS technology in CGD segment*
  - Presented by Sabarmati Gas Limited - *focused on importance of GIS in CGD entity*
  - Presented by Gujarat Gas Limited - *focused on importance of automation and database coupled with ERP technologies for ease of day to operation*

The program was attended by representatives of following CGDs and other entities involved in associated activities.

- Gujarat Gas Limited
- Sabarmati Gas Limited
- Mahanagar Gas Limited
- Maharashtra Natural Gas Limited
- Vadodara Gas Limited
- IRM Energy Pvt. Limited
- Charotar Gas Sahakari Mandli Limited
- Petronet LNG Limited
- Inel Gas Controls Pvt. Limited
- AIUT Technologies LLP
- KB Singh & Associates

Shri Arvind Kumar - Additional Advisor, PNGRB in his concluding remarks appreciated the initiative taken by Gujarat Gas for organising the event as decided in the last CGD review committee meeting. He also stressed the need of maintaining continuity of such programs for knowledge sharing which would play an effective role in improving the efficiency in operations besides enhancing safety levels of the industry.