

**Presentation
on
convergence of CGD Network
development with the Smart
City Mission/Program**

Dated- 22nd February 2016

Ministry of Petroleum & Natural Gas

Smart City & CGD networks objectives

- **Smart City Mission:**

“To promote cities that provide core infrastructure and give a decent quality of life to its citizen, a clean and sustainable environment and application of ‘Smart’ Solutions”

- **City Gas Network ensures –**

- uninterrupted supply of ecofriendly cooking fuel in form of PNG and transportation fuel to vehicle in the form of CNG and thus benefiting public health at large.

CGD Entities in the 9 cities amongst the first 20 Smart cities approved for coverage of CGD networks

Sr. No.	State	City	Authorized CGD Entity	Current Status
1	Maharashtra	Pune	Maharashtra Natural Gas Ltd	In operation
2	Gujarat	Surat	Gujarat Gas Ltd.	In operation
3	Gujarat	Ahmedabad	Adani Gas Ltd.	In operation
4	Kerala	Kochi (Ernakulum*)	IOCL-Adani JV	Under development
5	Madhya Pradesh	Indore	Avantika Gas Ltd	In operation
6	Delhi	NDMC-Delhi	Indraprastha Gas Limited (IGL)	In operation
7	Andhra Pradesh	Kakinada	Bhagyanagar Gas Limited (BGL)	In operation
8	Karnataka	Belagavi (Belgaum*)	Megha Engineering Pvt Ltd	Under development
9	Punjab	Ludhiana*	Jay Madhok Energy Pvt Ltd	Under development

(*These city/districts have been authorized in Year 2015 and pipeline network development work is in progress)

Potential aspects for convergence of CGD & Smart Cities development

i. Common utility corridor / conduit for gas pipeline along with other underground utilities such as Water line, OFC and Electric cables etc.

- Designing and development of such common utility corridors need to be done in consultation with concerned authorized CGD entity for ensuring the compliance of relevant technical and safety standards/codes

ii. Common Geographic Information System (GIS) for all utilities.

- Any pit opening permission granted to any utility for maintenance or other work shall automatically be intimated to all utility operators in the region. Other utility operators may also like to take their requisite maintenance works at the same time

Contd..

Potential aspects for convergence of CGD & Smart Cities development (Contd..)

- iii. Mandatory PNG network in upcoming/new residential colonies/apartments like water, sewerage and electricity lines.**
- iv. Earmarking open plots for setting up CNG Stations in Smart Cities for ensuring equitable availability of CNG to all parts of the city.**
- v. Implementation of Smart metering system for Electric, water and gas utilities and hiring of a single agency for metering/billing purpose.**

Thank You