

India City Gas Distribution Market by Type (Compressed Natural Gas, Piped Natural Gas), By Source of Supply (Domestically Supplied, International Pipeline Trade), By End-User (Industrial, Residential, Commercial, Automotive), By Region, Competition Forecast & Opportunities, 2018-2028F

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Abstracts

India City Gas Distribution market is anticipated to grow robustly in the forecast period 2024-2028. This is due to the growing government initiatives to increase natural gas usage as a cleaner fuel than liquefied natural gas (LPG) and conventional fuels like wood, cow dung, etc.

The City Gas Distribution (CGD) networks are a network of underground natural gas pipelines that are connected and used to transport compressed natural gas (CNG) and piped natural gas (PNG) to residential, commercial, and industrial consumers.

Increasing PNG Connections and CNG Stations are Expected to Drive the Market

The PNG connections and CNG stations dominate the India CGD market. While CNG stations are established to access natural gas for transportation, PNG connections are offered for residential, commercial, and industrial uses. Up till 2021, 11 CGD bidding rounds have been completed, and 215 districts in 19 states and one union territory now had access to natural gas. According to information released by PNGRB, there were roughly 72.47 lakh residential PNG connections in India, as of December 2020. Additionally, India had 2,713 CNG stations as of January 2021. The Petroleum & Natural Gas Regulatory Board in India has announced plans to increase the share of natural gas in the energy mix by 20% in 2025, as opposed to 11% in 2010, which may

increase the number of PNG connections and CNG stations in the nation. These plans are part of the Natural Gas Infrastructure in India 'Vision 2030' plan. Nearly 71% of India's total population is represented by the 215 districts that make up the 11th CGD bidding round (212 complete and 3 partial), which are spread across 19 states and one union territory. Bharat Petroleum Corporation Limited (BPCL), Megha Enterprises (MEIL), Indian Oil Corporation (IOC), and Adani Total received significant contracts from the 11th CGD round. Future improvements to the connection are anticipated to propel the CGD industry throughout the forecast period.

The Stringent mission Regulations and Advantages of Gas Over Other Alternative Energy Source

Depending on the kind of vehicle, duty cycle, and engine configuration, natural gas can reduce life cycle greenhouse gas (GHG) emissions better than conventional fuels. Natural gas also lowers some engine emissions. Fuel combustion in an engine produces tailpipe emissions in a vehicle. The regulated emissions of hydrocarbons, nitrogen oxides (NO_x), carbon monoxide (CO), and carbon dioxide are among the emissions that should be among the major concerns. All fuels and vehicle types must adhere to increasingly lower, almost zero limits for tailpipe emissions of air pollutants and particulates, according to the U.S. Environmental Protection Agency (EPA). Natural gas vehicles (NGVs) have the advantage of meeting these strict regulations with simpler emissions controls. In particular when replacing more seasoned conventional cars, NGVs continue to offer life cycle emission benefits. The California Air Resources Board's optional near-zero emission limit of 0.02 NO_x can be met by NGVs with ultra-low NO_x engines, which can create emissions that are close to zero.

Market Segmentation

India City Gas Distribution Market are segmented into Type, Source of Supply, and End-User. Based on Type, the market is segmented into Compressed Natural Gas, Piped Natural Gas. Based on Source of Supply, the market is segmented into Domestically Supplied, International Pipeline Trade. Based on End-User, the market is segmented into Industrial, Residential, Commercial, and Automotive.

Market player

Major players operating in the India City Gas Distribution Market are Gujarat Gas Limited (GGCL), Indraprastha Gas Limited (IGL), GAIL Gas Limited, Mahanagar Gas Limited (MGL), Adani Gas Limited, Maharashtra Natural Gas Limited (MNGL), Central

U.P. Gas Limited (CUGL), Bhagyanagar Gas Limited (BGL), Tripura Natural Gas Company Limited (TNGCL), Sabarmati Gas Limited (SGL).

Report Scope:

In this report, India City Gas Distribution Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India City Gas Distribution Market, By Type:

Compressed Natural Gas

Piped Natural Gas

India City Gas Distribution Market, By Source of Supply:

Domestically Supplied

International Pipeline Trade

India City Gas Distribution Market, By End-User:

Industrial

Residential

Commercial

Automotive

India City Gas Distribution Market, By Region:

West India

North India

South India

East India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in India City Gas Distribution Market.

Available Customizations:

India City Gas Distribution Market report with the given market data, Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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