



## गेल (इंडिया) लिमिटेड

(भारत सरकार का उपक्रम – महारत्न कंपनी)

### GAIL (India) Limited

(A Government of India Undertaking - A Maharatna Company)

पंजीकृत कार्यालय:

गेल भवन

16 भीकाएजी कामा प्लेस, आर.के. पुरम  
नई दिल्ली-110066, इंडिया

Regd. Office:

GAIL BHAWAN

16 BHIKAJI CAMA PLACE, R.K. PURAM  
NEW DELHI-110066, INDIA

फोन/PHONE : +91 11 2618 2955

फैक्स/FAX : +91 11 2618 2955

ई-मेल/Email: info@gail.co.in

May 14, 2025

ND/GAIL/SECTT/2025

1. Listing Compliance  
National Stock Exchange of India Limited  
Exchange Plaza, 5th Floor,  
Plot No. C/1, G Block,  
Bandra-Kurla Complex, Bandra (East),  
Mumbai – 400051  
**Scrip Code: GAIL-EQ**

2. Listing Compliance  
BSE Limited  
Floor 1, Phiroze Jeejeebhoy Towers  
Dalal Street  
Mumbai – 400001  
**Scrip Code: 532155**

#### **Sub.: Investors' & Analysts' Presentation**

Dear Sir/ Madam,

This is in continuation to our letter of even no. ND/GAIL/SECTT/2025 dated 09<sup>th</sup> May, 2025.

Please find attached Investor Presentation for FY 2024-25 with reference to the Investors' & Analysts' Meet 2025 scheduled today, i.e., on Wednesday, 14.05.2025 at 11:30 A.M. via web conference.

This is in compliance of Regulation 30 of SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015.

Thanking you,  
Yours faithfully,

**(Mahesh Kumar Agarwal)**  
**Company Secretary**

**Encl.: As above**

#### **Copy to:**

1. Deutsche Bank AG, Filiale Mumbai  
TSS & Global Equity Services  
The Capital, 14th Floor  
C-70, G Block, Bandra Kurla Complex  
Mumbai -400051
2. Beacon Trusteeship Limited  
4 C and D Siddhivinayak Chambers,  
Gandhi Nagar, Opposite MIG Cricket Club

K/A- Ms. Bijal Patel

K/A- Mr. Kaustubh Kulkarni

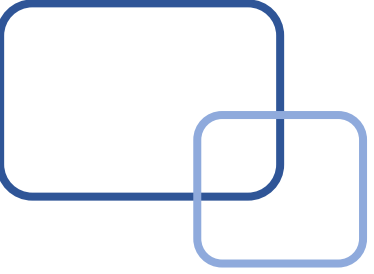


# **GAIL (India) Limited**

## **Investors' & Analysts' Presentation**

### **FY2024-25**





# Safe Harbor Statement

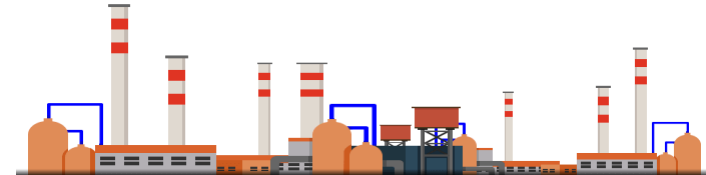
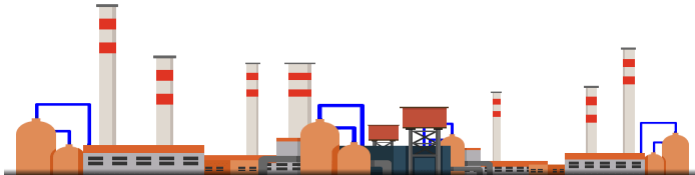


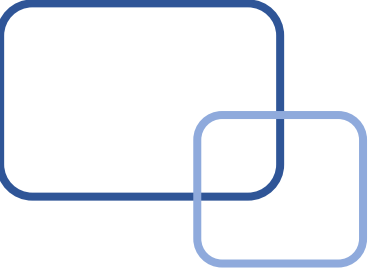
This presentation has been prepared by GAIL (India) Ltd (Company or GAIL) solely for providing information about the Company.

The information contained in this presentation is only current as of its date. Certain statements made in this presentation may not be based on historical information or facts and may be "forward-looking statements", including those relating to the Company's general business plans and strategy, its future financial condition and growth prospects, and future developments in its industry and its competitive and regulatory environment. Actual results may differ materially from these forward-looking statements due to a number of factors, including future changes or developments in the Company's business, its competitive environment, information technology and political, economic, legal and social conditions in India.

This communication is for general information purposes only, without regard to specific objectives, financial situations and needs of any particular person. Company do not accept any liability whatsoever, direct or indirect, that may arise from the use of the information herein.

The Company may alter, modify or otherwise change in any manner the content of this presentation, without obligation to notify any person of such revision or changes





# Company Mission & Vision



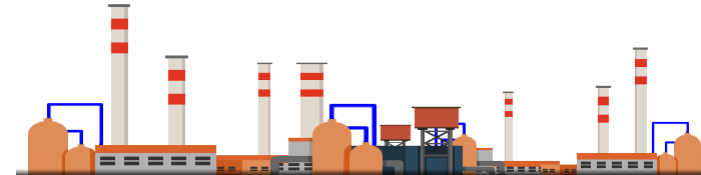
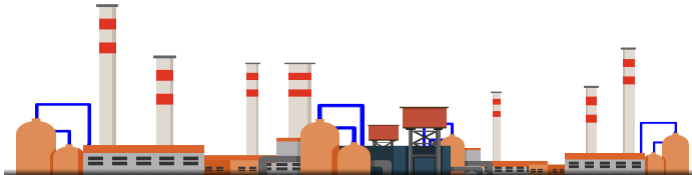
## Mission

Enhancing quality of life  
through clean energy  
and beyond



## Vision

Be the leader in natural gas  
value-chain and beyond,  
with global presence,  
creating value for  
stakeholders with  
environmental responsibility



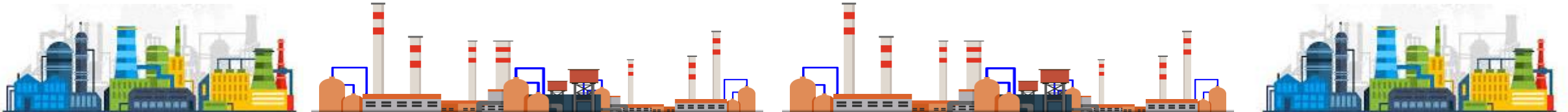
A central blue circle labeled 'Table of Contents' is connected by a blue ribbon to three smaller circles. The top circle shows the GAIL logo and is labeled 'Company Overview'. The middle circle shows a blue bar chart with an upward arrow and is labeled 'Performance Highlights'. The bottom circle shows an industrial refinery at sunset and is labeled 'Industry Outlook & Strategy'.

# Table of Contents

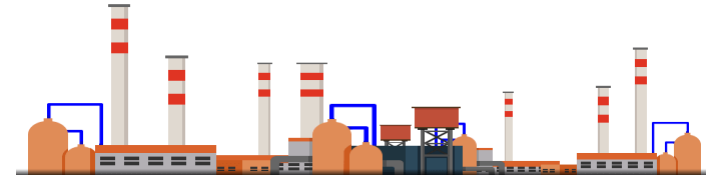
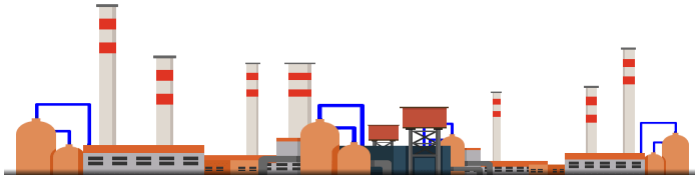
**Company  
Overview**

**Performance  
Highlights**

**Industry  
Outlook &  
Strategy**



# Company Overview

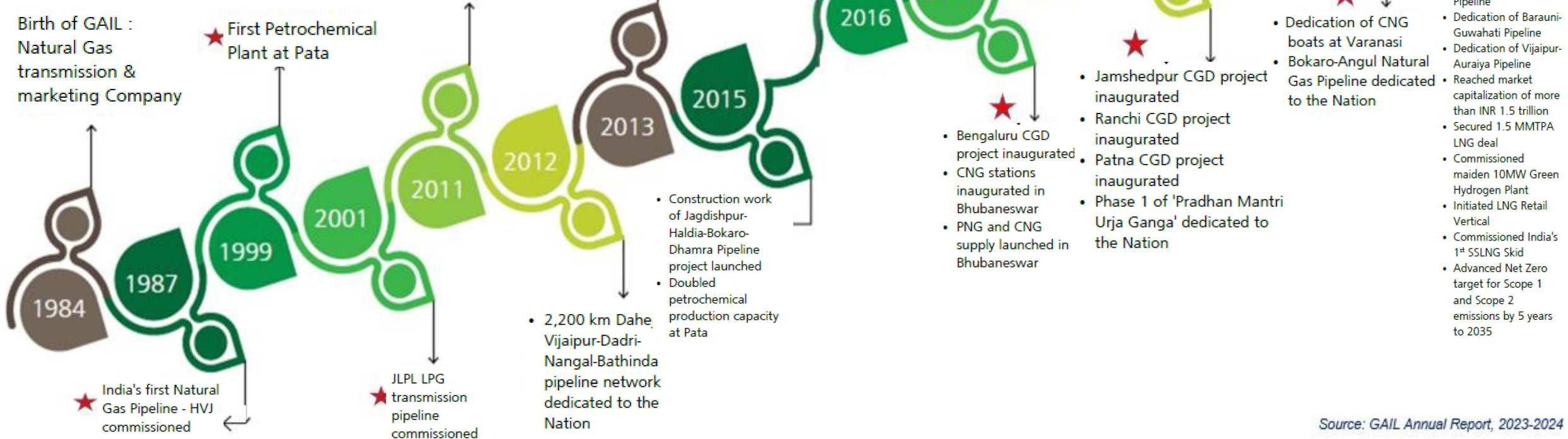




# GAIL's 40 Glorious Years



Birth of GAIL :  
Natural Gas  
transmission &  
marketing Company



# Present Business and Diversified Portfolio

## NG Transmission & Marketing

- **16,420 KM NG Pipeline Network**
- Long Term LNG Portfolio of **~16.56 MMTPA (60 MMSCMD)**
- **5 MMTPA** KLL Dabhol terminal besides promoter of PLL Dahej & Kochi



## Petrochemicals

- ~15% polyethylene domestic market share
- Capacity of **810 KTA** at PATA & 280 KTA at BCPL (1,090 KTPA)
- Promoter of 1.7 MMTPA OPaL



## LPG & LHC

- 5 Processing Plants of 1.4 MMTPA of production capacity
- 4.58 MMTPA of LPG Transmission Capacity and ~2040 km LPG Pipeline (*JLPL – 3.25 MTPA & VSPL – 1.3 MTPA*)



## E&P

- Participation in 13 Blocks
- Presence in US & Myanmar
- One of 3 PSU E&P block operator besides ONGC & OIL



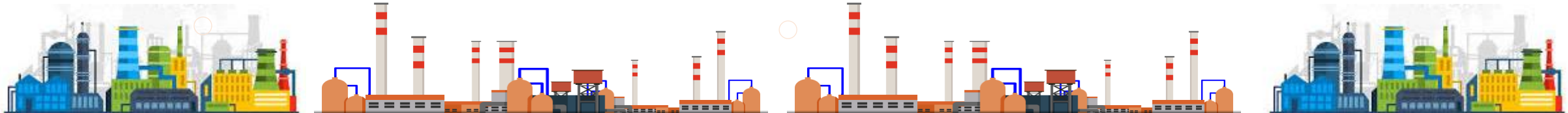
## Renewables

- **118 MW** of Wind Power Capacity
- **27 MW** of Solar Power Capacity
- **4.3 TPD** Green Hydrogen Plant
- **5 TPD** CBG Plant



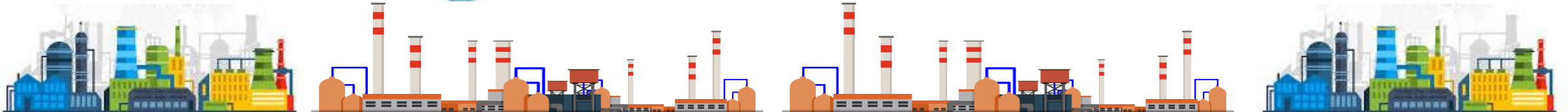
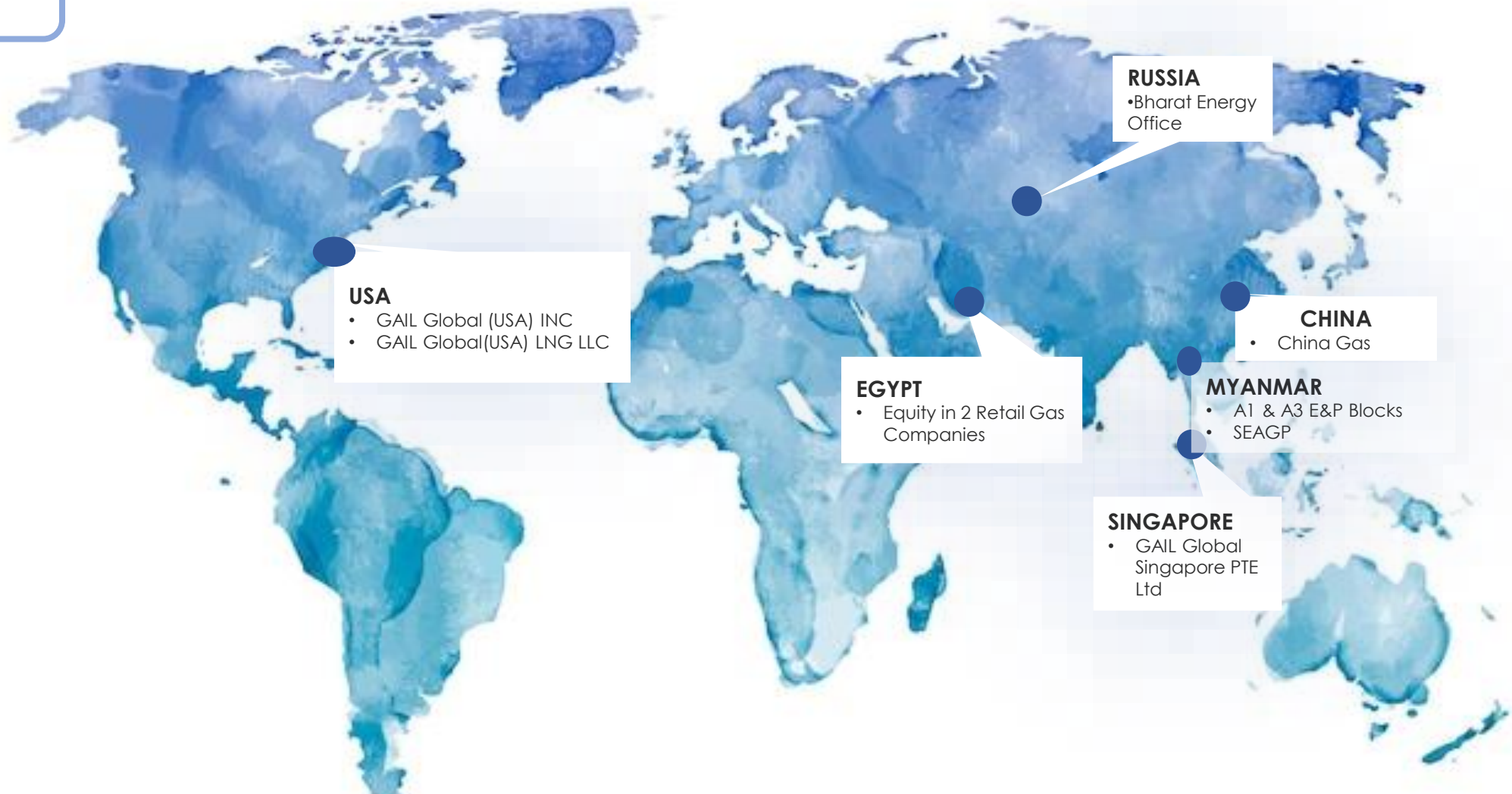
## City Gas Distribution

- **72 GAs** out of total 307GAs
- Subsidiary – GAIL Gas Ltd., Bengal Gas & TNGCL + 8 CGD JVs

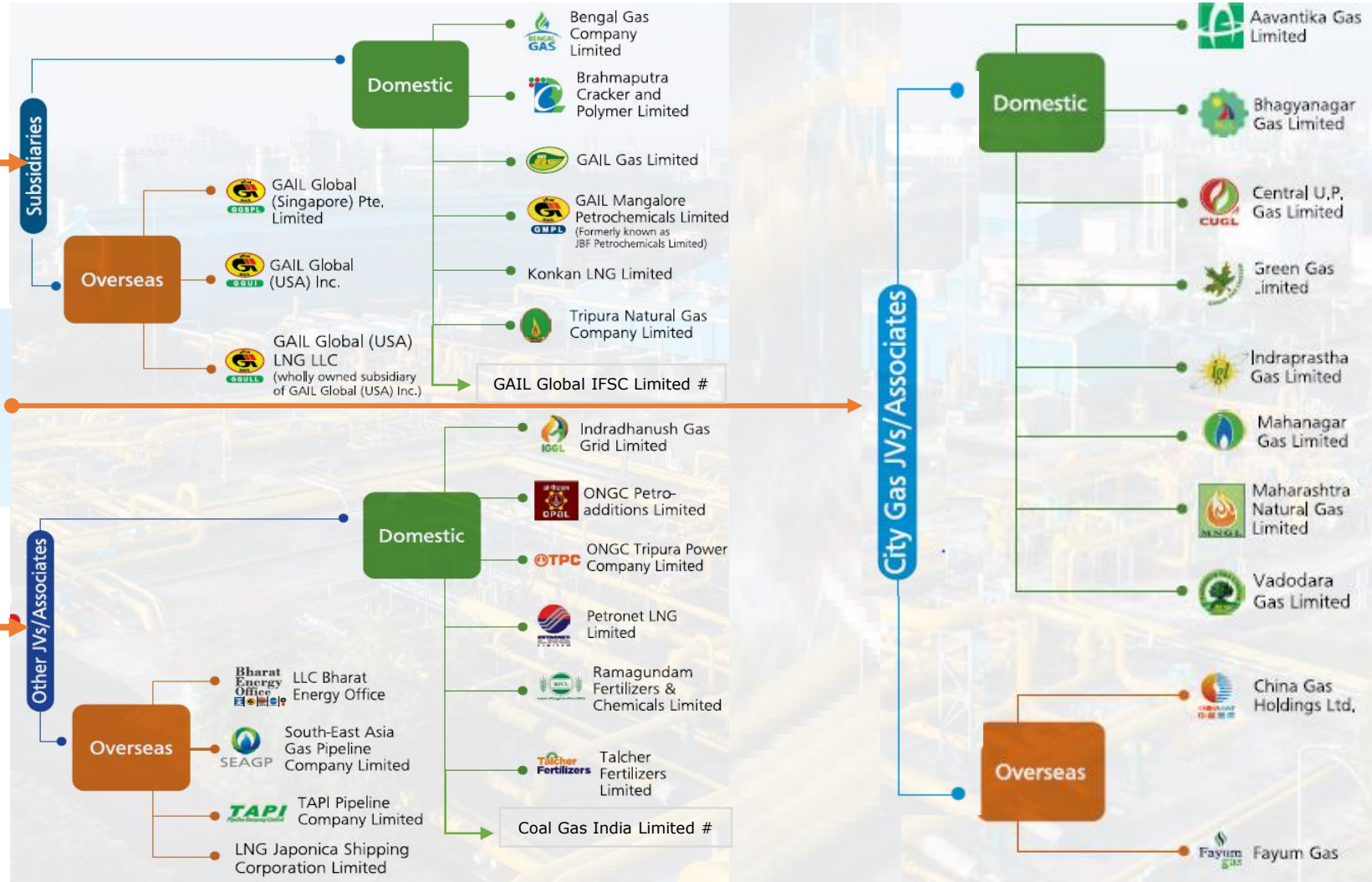




# Global Presence



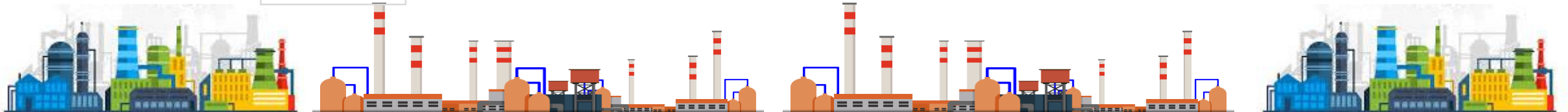
# Group Business Structure



*Our Companies are Commitment Towards a Greener Future is Strengthened by the Network of Subsidiary and JV/Associates spread across the country and parts of the world*

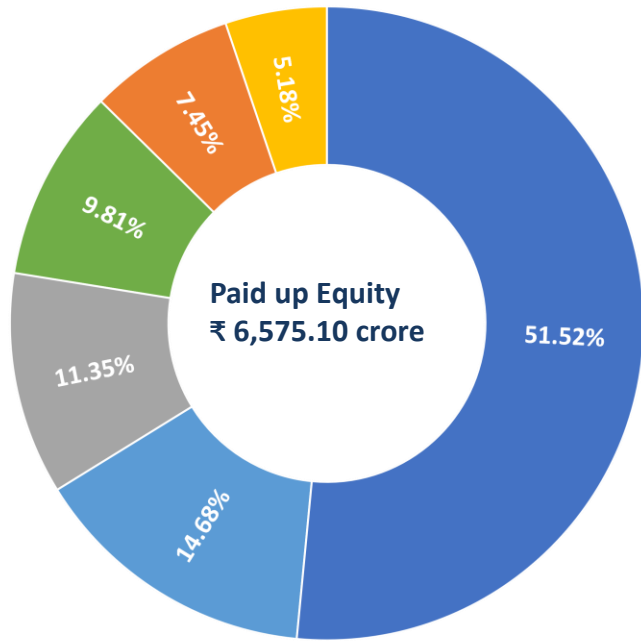
Source: GAIL Annual Report, 2023-2024

# New Companies



# Shareholding Pattern

Market Capitalization as on 31<sup>st</sup> Mar'25 : ₹1,20,160 Cr.

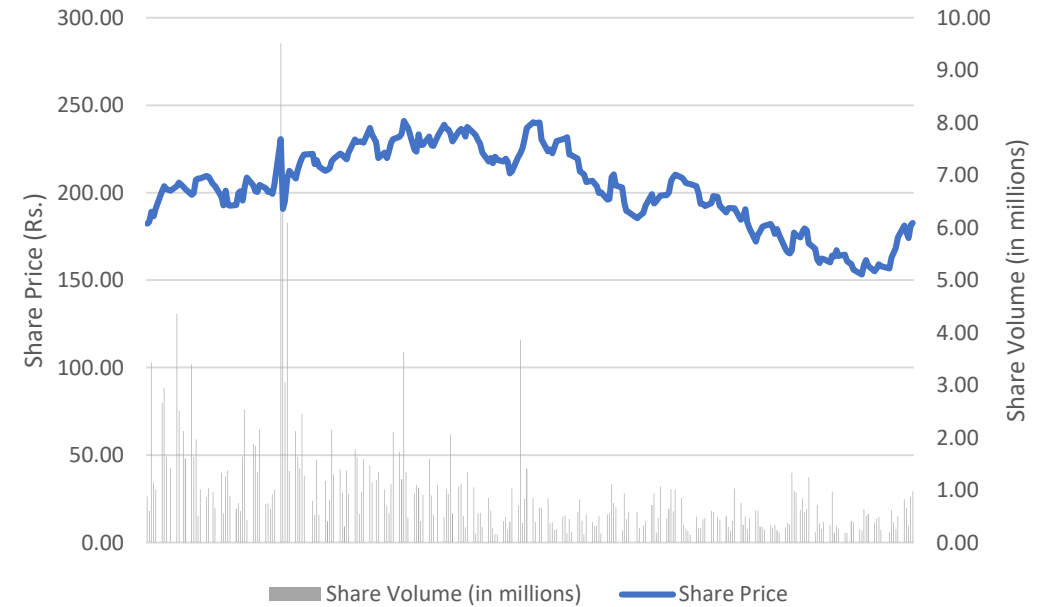


■ PRESIDENT OF INDIA ■ Oil PSUs(ONGC, IOC) ■ MUTUAL FUNDS/UTI  
■ LIC ■ FPI's ■ OTHERS (Incl. BANKS)

| Year                               | FY20  | FY21  | FY22  | FY23  | FY24  | FY25  |
|------------------------------------|-------|-------|-------|-------|-------|-------|
| <b>Dividend Pay-out Ratio (%)*</b> | 43.60 | 45.76 | 42.84 | 49.61 | 40.92 | 43.59 |

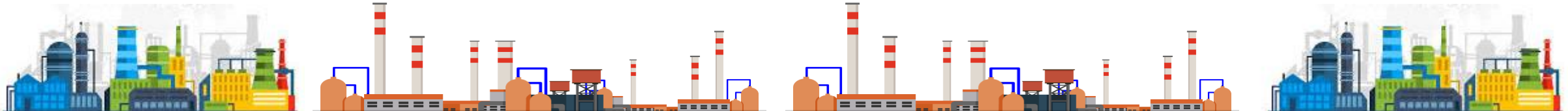
\* Dividend Pay-out Ratio calculated on accrual basis.

Share Price vs Volume FY2024-25



- GAIL's Market Capitalization crossed Rs. 1.60 trillion mark for the first time and share price touched all time high of Rs. 246.35 on BSE on 31.07.2024 during FY 2024-25.
- During FY 2024-25, GAIL paid interim Dividend @65% (₹6.5/Share) of paid-up capital and recommended a final dividend @10% (₹1/share)

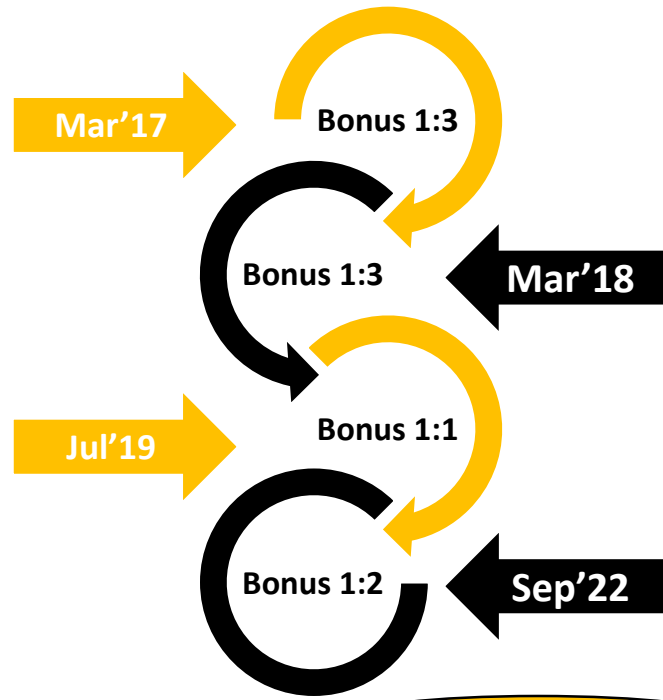
Source: BSE Website; Note: Shareholding pattern & other data as on 31st Mar 2025





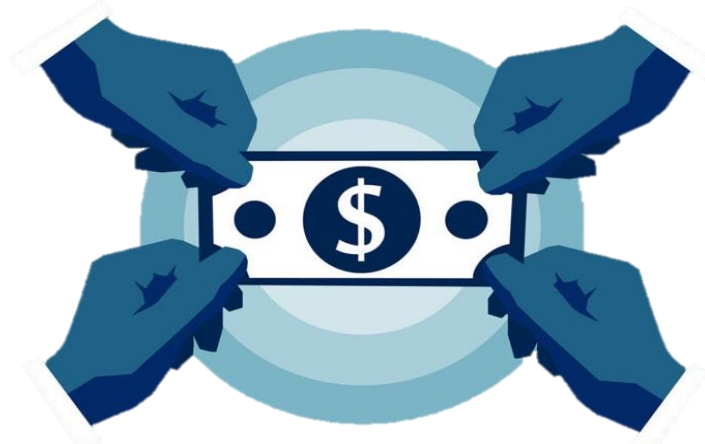
# Shareholder Returns Over the Past Decade

## Return to Shareholders



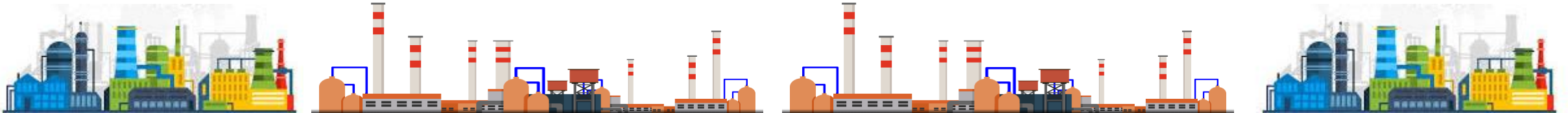
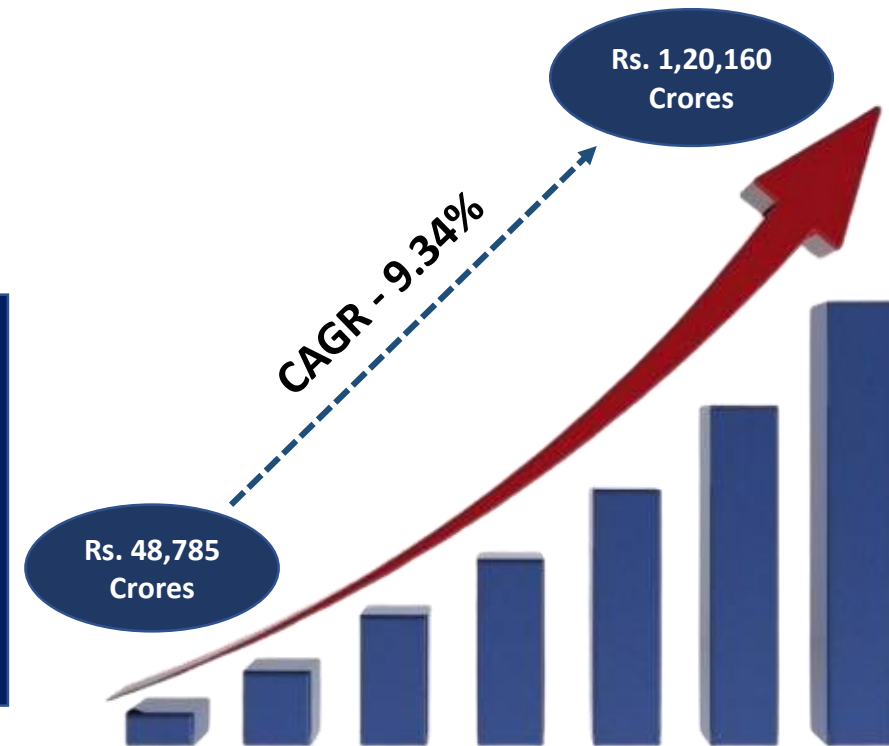
*3 shares pre-March 2017 turned into 16 shares post-September 2022, highlighting strong value growth for investors*

## Buyback (Rs./Crores)



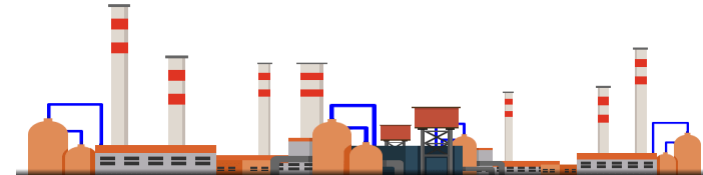
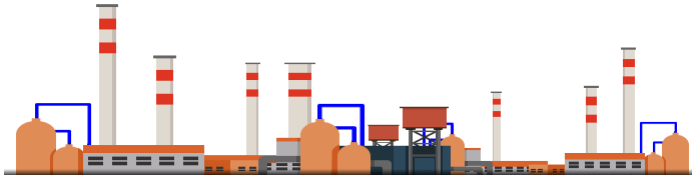
- GAIL bought back ~ 6.98 Crore shares at a price of Rs. 150 during FY 2020-21
- Further, GAIL bought back ~ 5.70 crore shares at price of Rs. 190/share during FY2022-23

## Market Cap (Rs./Crores)

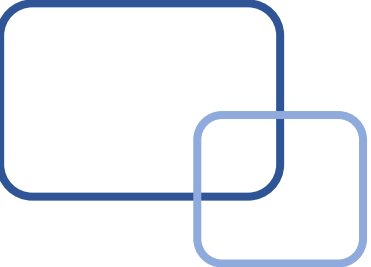


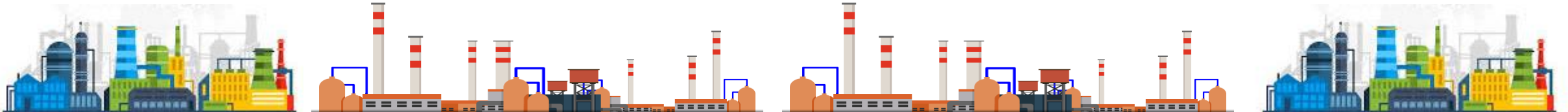


# Performance Analysis

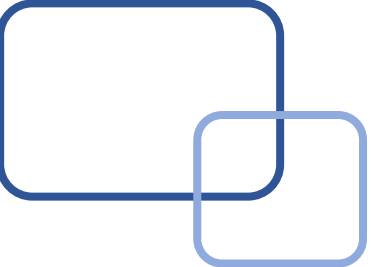


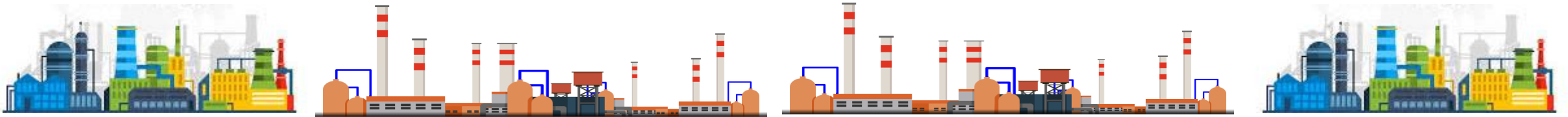
# Major Highlights for FY 2024-25

- 
- A decorative graphic in the top left corner consisting of two overlapping squares. The top square is white with a blue outline, and the bottom square is blue with a white outline.
- ➡ GAIL achieved Highest ever EBIDTA, PBT and PAT
  - ➡ GAIL's Market Capitalization touched Rs. 1.60 Trillion mark
  - ➡ GAIL Secured an “Excellent” MoU rating for FY 2023-24 from DPE
  - ➡ Received “NIL” Comments from CAG for the Accounts of FY 2023-24 (15th year in a row)
  - ➡ GAIL achieved highest ever annual Gas Transmission volume of ~127 MMSCMD
  - ➡ Achieved highest ever total annual LPG Transmission volume of 4.478 MMTPA



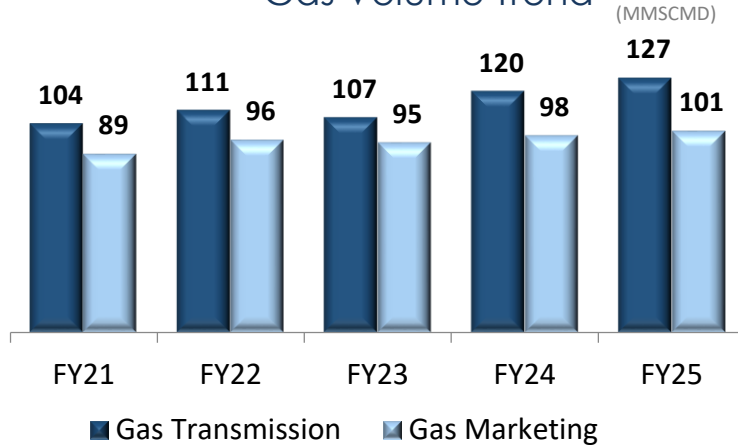
# Major Highlights for FY 2024-25

- 
- A decorative graphic in the top left corner consisting of two overlapping squares. The top square is white with a blue outline, and the bottom square is blue with a white outline.
- ➡ GAIL has entered into Long-Term LNG agreement with Qatar for a volume of ~ 0.75 MMTPA for which supply has already started from April 2025
  - ➡ GAIL paid interim dividend @ 65% of paid up capital for FY'25 (Rs. 4,274 crore) and recommended a final dividend of 10% of paid up capital (Rs. 658 crores).
  - ➡ An exceptional income of \$285 million (₹ 2,440 crores) was received from SMTS on account of Arbitration settlement.
  - ➡ Credit Rating – Domestic 'AAA' with Stable outlook, International 'Baa3' with Stable outlook (Moody's), BBB- with Stable outlook (Fitch) - capped to Sovereign Rating of India
  - ➡ KLL Dabhol Breakwater project completed
  - ➡ GAIL expanded its footprint : Incorporation of "GAIL GLOBAL IFSC LIMITED" at GIFT City, Gandhinagar

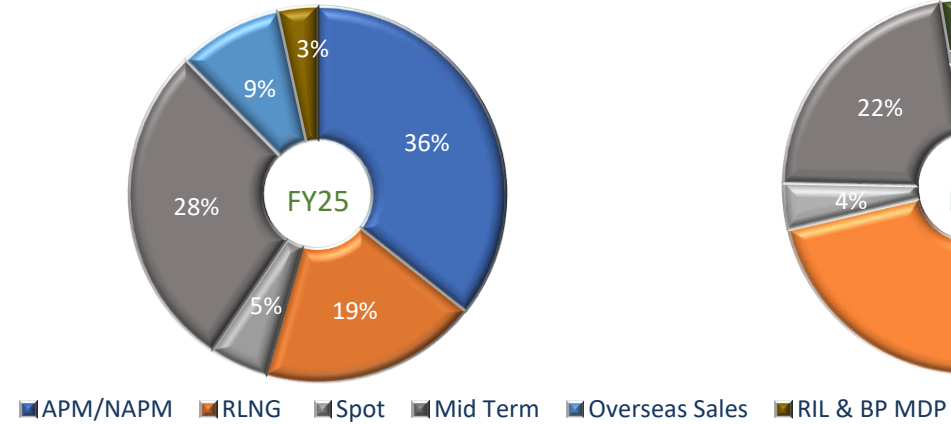


# Physical Performance

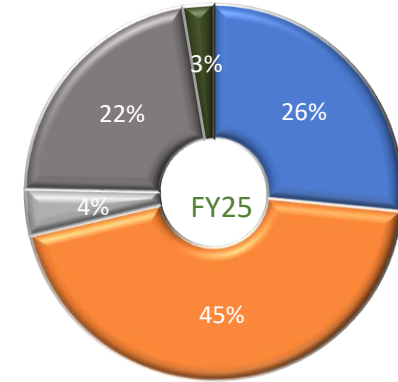
Gas Volume Trend (MMSCMD)



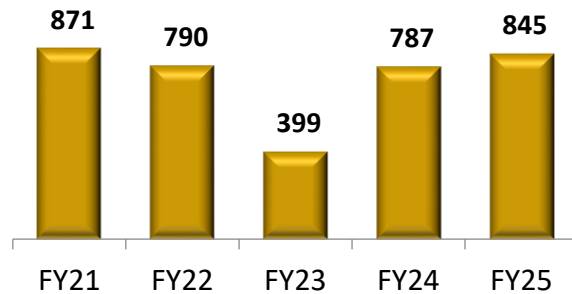
Gas Marketing Mix



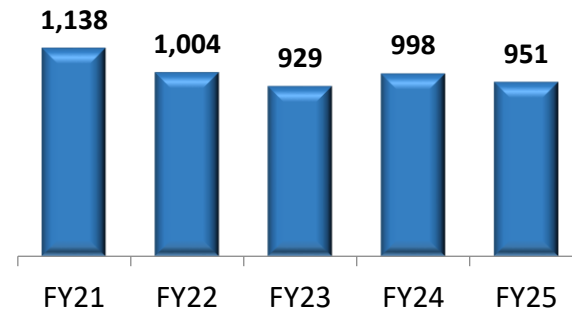
Gas Transmission Mix



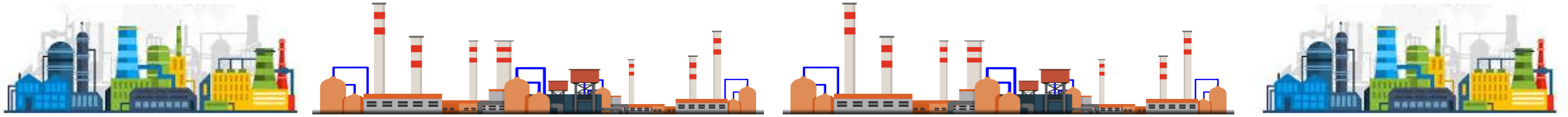
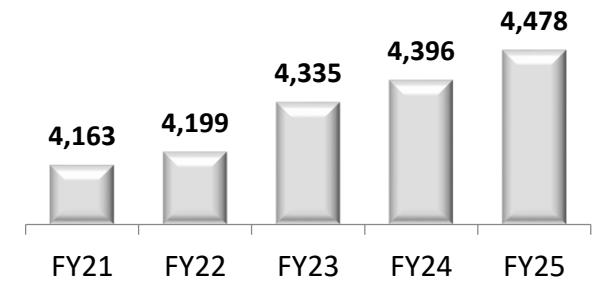
Petrochemicals Sales



Liquid Hydrocarbons Sales



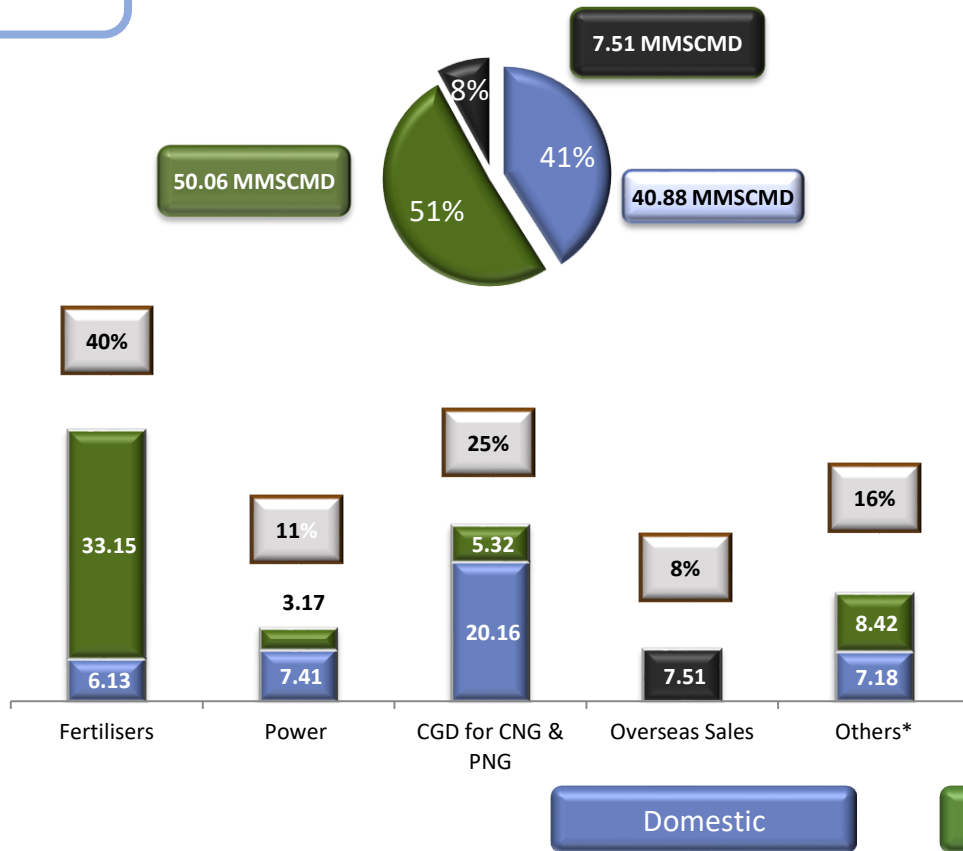
LPG Transmission



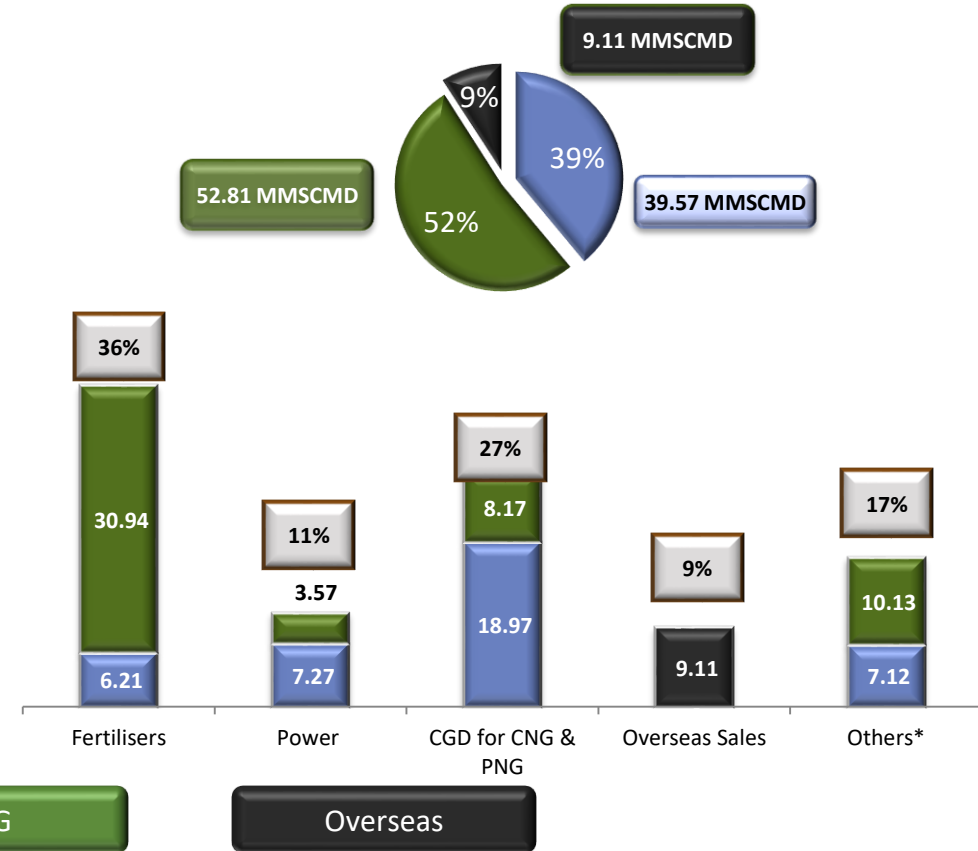


# Natural Gas Sector Wise Supply – FY24 Vs. FY25

(Total 98.45 MMSCMD, % share)

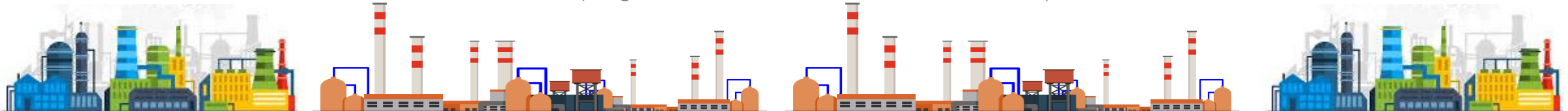


(Total 101.49 MMSCMD, % share)



- Imported Gas primarily consists of Long Term RLNG and Spot
- Major sources for domestic gas are ONGC (APM & MDP), Ravva, Ravva satellite, CBM etc.
- Highest demand of Natural Gas from Fertilizer, Power & CGD companies

\* Others include Steel, Refineries, Sponge Iron, Petrochemicals, GAIL Internal consumption etc.

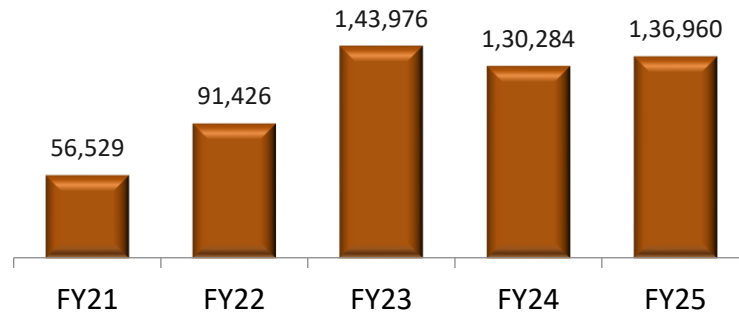


# Financial Performance (Standalone)

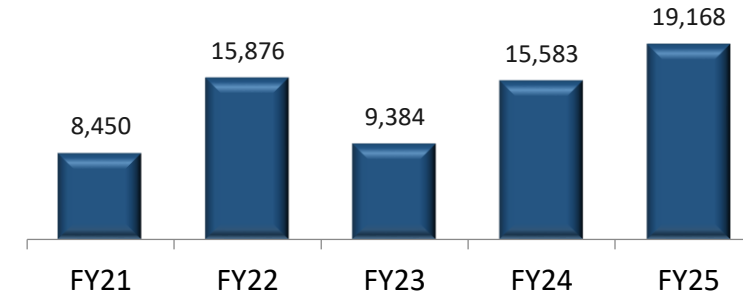


(in Rs. crore)

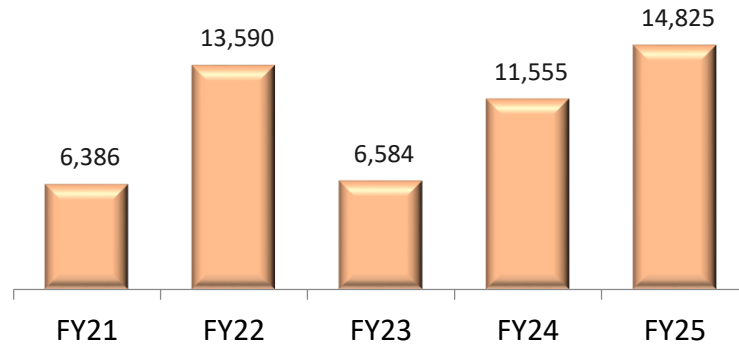
## Turnover (Gross)



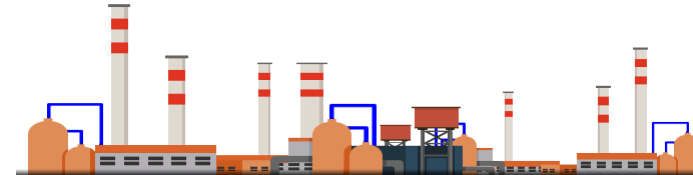
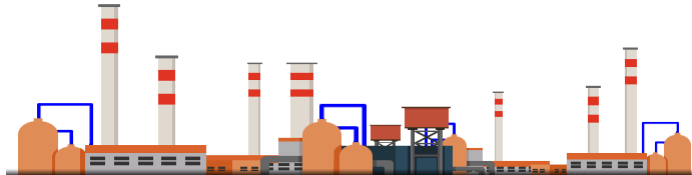
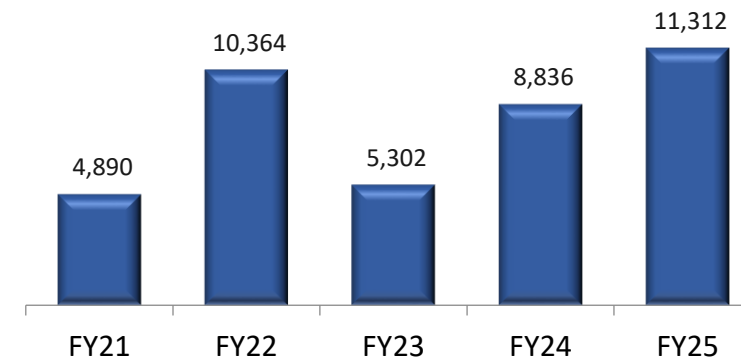
## Gross Margin (EBITDA)



## Profit Before Tax (PBT)

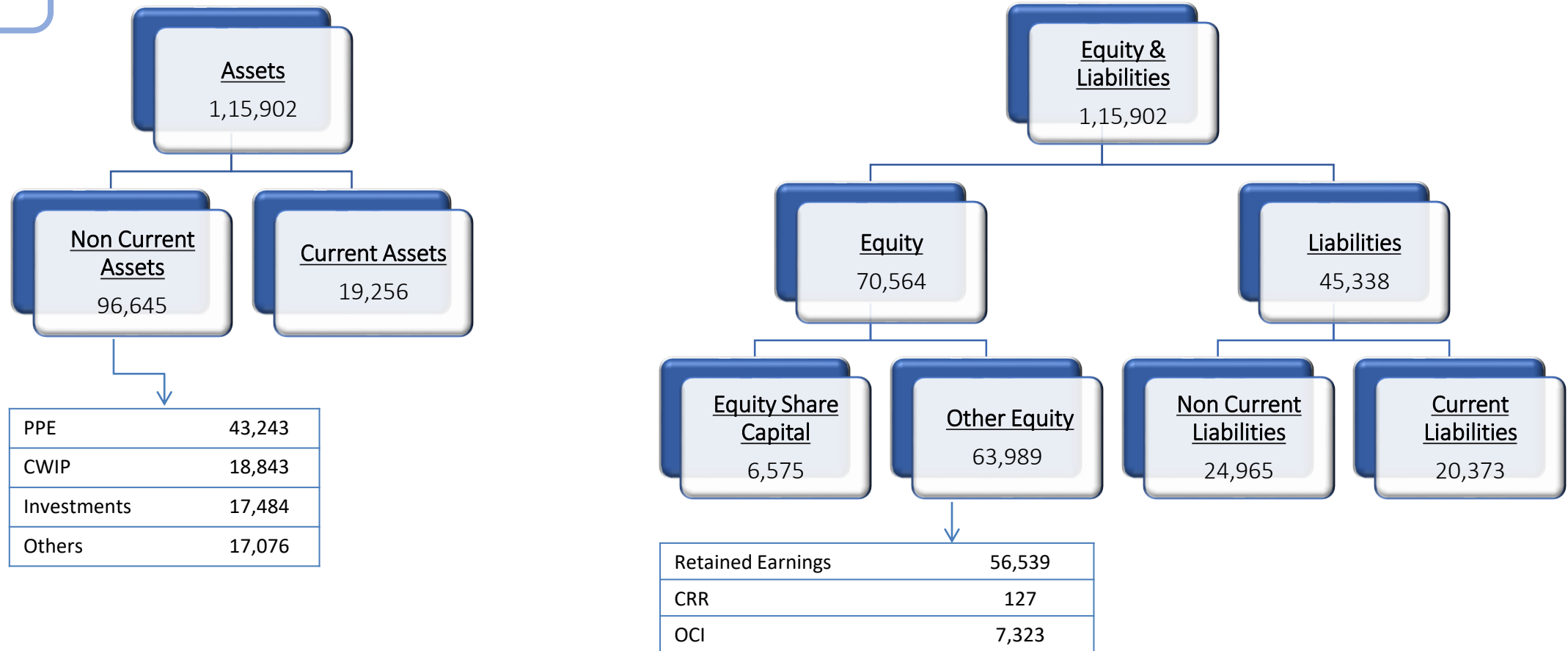


## Profit After Tax (PAT)



# Balance Sheet as on 31st March 2025

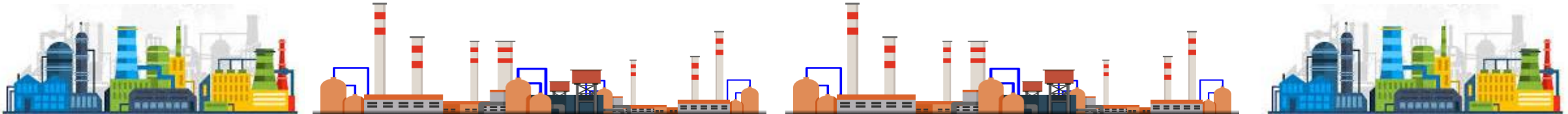
(Rs in crores)



**Capital Employed**  
Rs. 92,089 crore

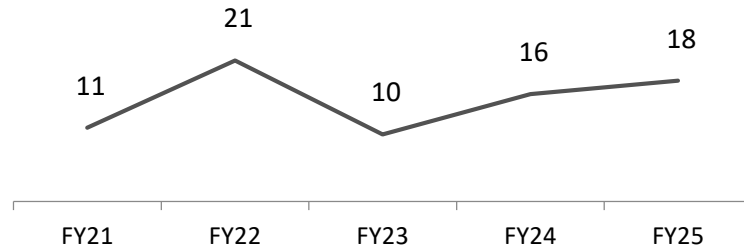
**Net Worth**  
Rs. 63,241 crore

**LT Loan Outstanding**  
Rs. 11,565 crore

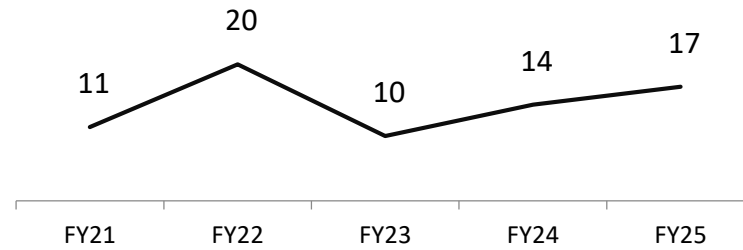


# Key Financial Ratios

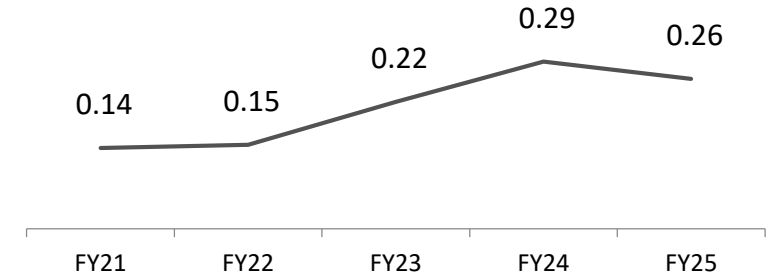
## PAT to Net Worth (in %)



## Return on Capital Employed (in %)

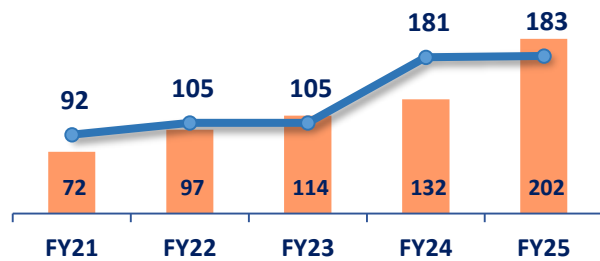


## Debt to Equity Ratio

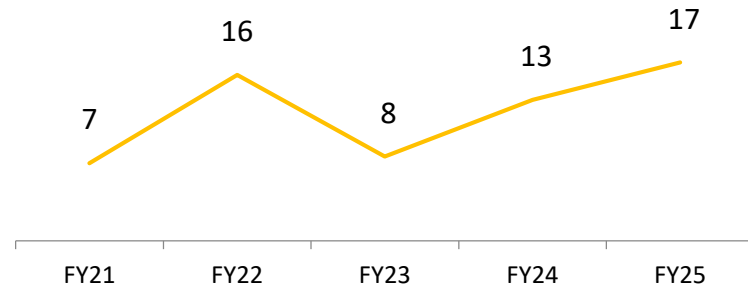


## Share Price (in Rs./Share)\$

— Avg. Price — Closing Price

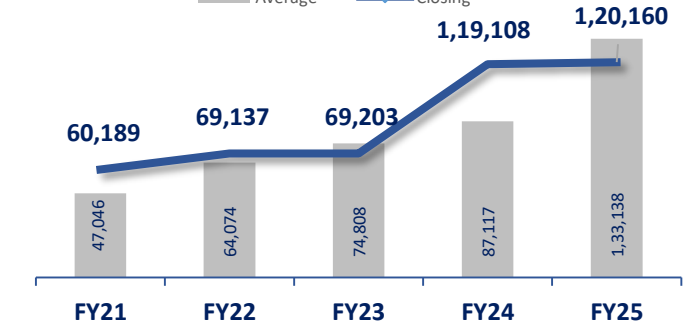


## Earning Per Share\$ (in Rs./Share)

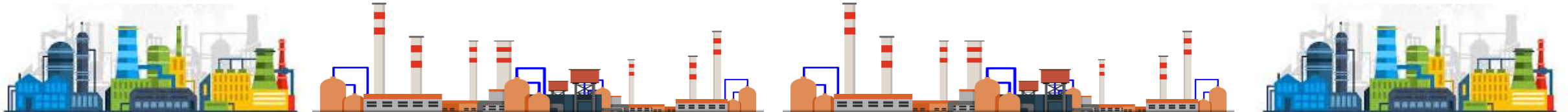


## Market Capitalization (in Rs crores)

— Average — Closing



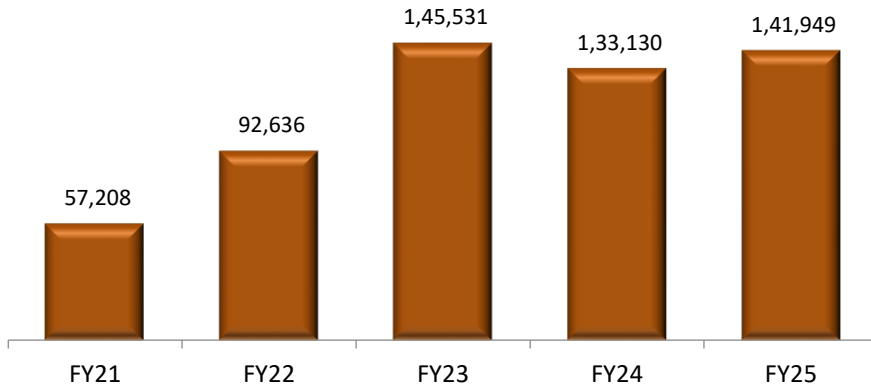
\$ Share Price & EPS for past periods are adjusted for Bonus issue



# Financial Performance (Consolidated Basis)

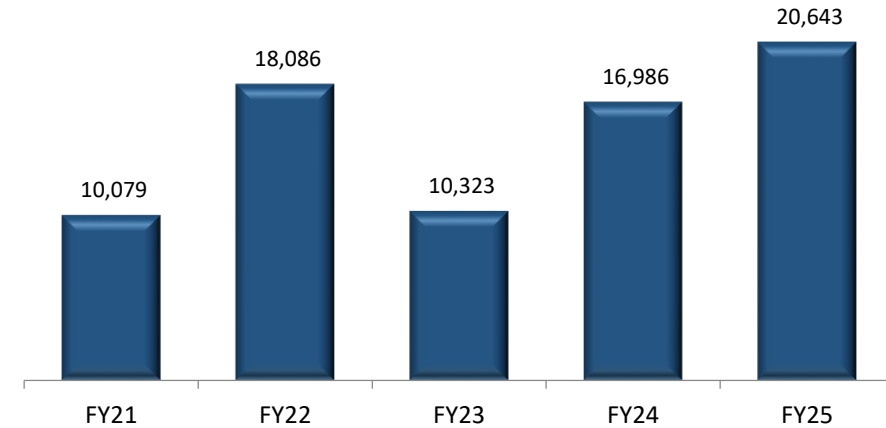


Turnover (Gross)

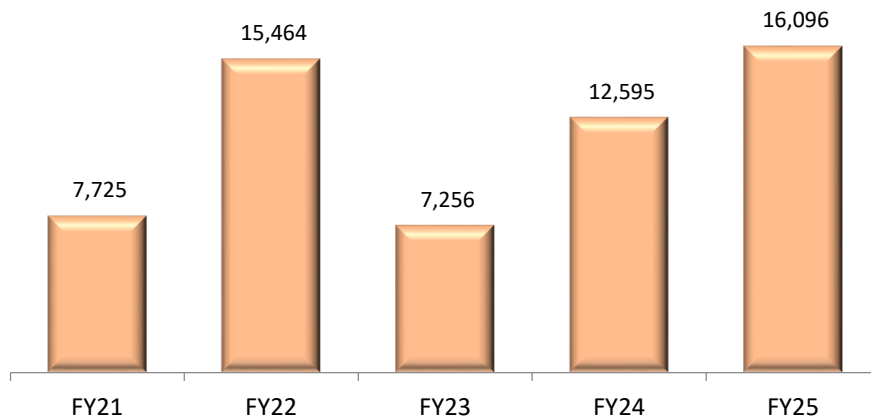


Gross Margin (EBITDA)

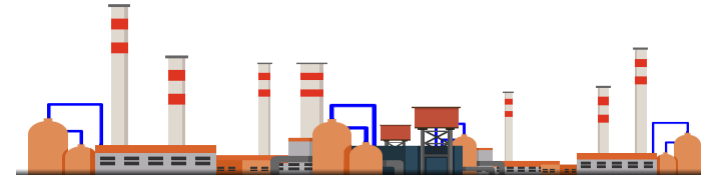
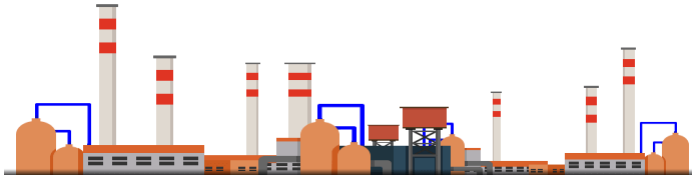
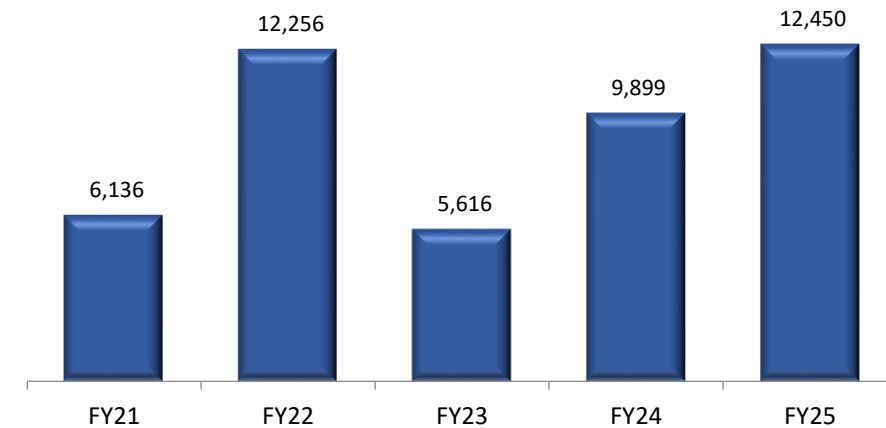
(in Rs. crore)



Profit Before Tax



Profit after Tax



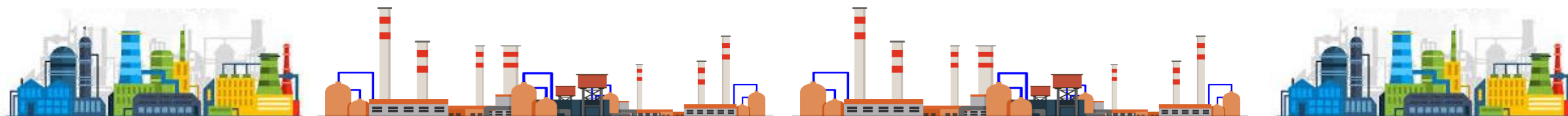


# Revenue Reconciliation on Consolidated Basis - FY25

(in Rs crore)



| Entity                      | Revenue (Gross) | Elimination | Consolidated Revenue |
|-----------------------------|-----------------|-------------|----------------------|
| GAIL                        | 1,37,288        | (8,976)     | 1,28,312             |
| GG SPL                      | 9,112           | (6,460)     | 2,652                |
| GGUI                        | 6,785           | (6,674)     | 111                  |
| TNGCL                       | 290             | 0           | 290                  |
| GAIL GAS                    | 12,231          | (1,359)     | 10,872               |
| BGCL                        | 54              | 0           | 54                   |
| KLL                         | 778             | (778)       | 0                    |
| GMPL                        | -               | -           | -                    |
| <b>Consolidated Revenue</b> |                 |             | <b>1,42,291</b>      |



# PAT Reconciliation on Consolidated Basis - FY25

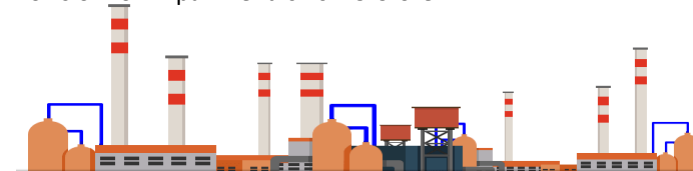
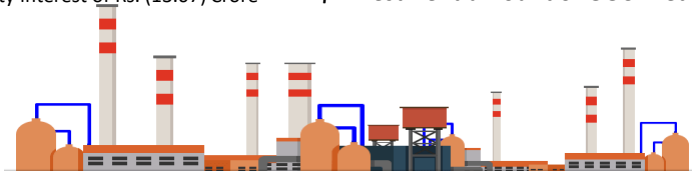
(in Rs crore)



| Particulars                                                               | % Share holding as<br>on 31 <sup>st</sup> Mar 25 | Investment (Net)<br>on 31 <sup>st</sup> Mar 25 | FY25          |
|---------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------|---------------|
| <b>GAIL</b>                                                               |                                                  |                                                | <b>11,312</b> |
| <b>Subsidiaries</b>                                                       |                                                  | <b>5,096</b>                                   | <b>352</b>    |
| GAIL GAS                                                                  | 100%                                             | 2,061                                          | 455           |
| GGSPIL                                                                    | 100%                                             | 53                                             | 18            |
| GGUI                                                                      | 100%                                             | 187                                            | (18)          |
| Bengal Gas Company Limited                                                | 88%                                              | 804                                            | (9)           |
| Konkan LNG Limited                                                        | 93%                                              | 886                                            | (125)         |
| TNGCL                                                                     | 49%                                              | 15                                             | 44            |
| GMPL                                                                      | 100%                                             | 1,090                                          | 1             |
| Less: Minority Interest                                                   | -                                                | -                                              | (13)          |
| <b>Associates</b>                                                         |                                                  | <b>2,844</b>                                   | <b>1,249</b>  |
| MGL                                                                       | 33%                                              | 32                                             | 338           |
| PLL                                                                       | 13%                                              | 99                                             | 503           |
| BCPL                                                                      | 70%                                              | 992                                            | 11            |
| IGL                                                                       | 23%                                              | 32                                             | 387           |
| Opal                                                                      | 4%                                               | 995                                            | (156)         |
| China Gas                                                                 | 3%                                               | 97                                             | 103           |
| Fayum Gas                                                                 | 19%                                              | 8                                              | 3             |
| Ramagundam Fertilizer                                                     | 14%                                              | 270                                            | 60            |
| ONGC Tripura Power Company Ltd                                            | 26%                                              | 319                                            | 2             |
| <b>Joint Ventures (JVs)</b>                                               |                                                  | <b>1,475</b>                                   | <b>249</b>    |
| MNGL                                                                      | 23%                                              | 23                                             | 147           |
| CGD JVs & Others (BGL, CUGL, GGL, AGL, VGL, TAPI, IGGL, BEOL, LSJCL, TFL) | -                                                | 1,453                                          | 102           |
| <b>Adjustments</b>                                                        |                                                  |                                                |               |
| Add: Elimination of Dividend                                              | -                                                | -                                              | (592)         |
| Less: Others                                                              | -                                                | -                                              | (135)         |
| <b>Consolidated*</b>                                                      | -                                                | -                                              | <b>12,450</b> |

\* Excluding Minority interest of Rs. (13.07) Crore

\$ Investment amount of GGUI net of Provision for impairment is Rs 7.5 Crore

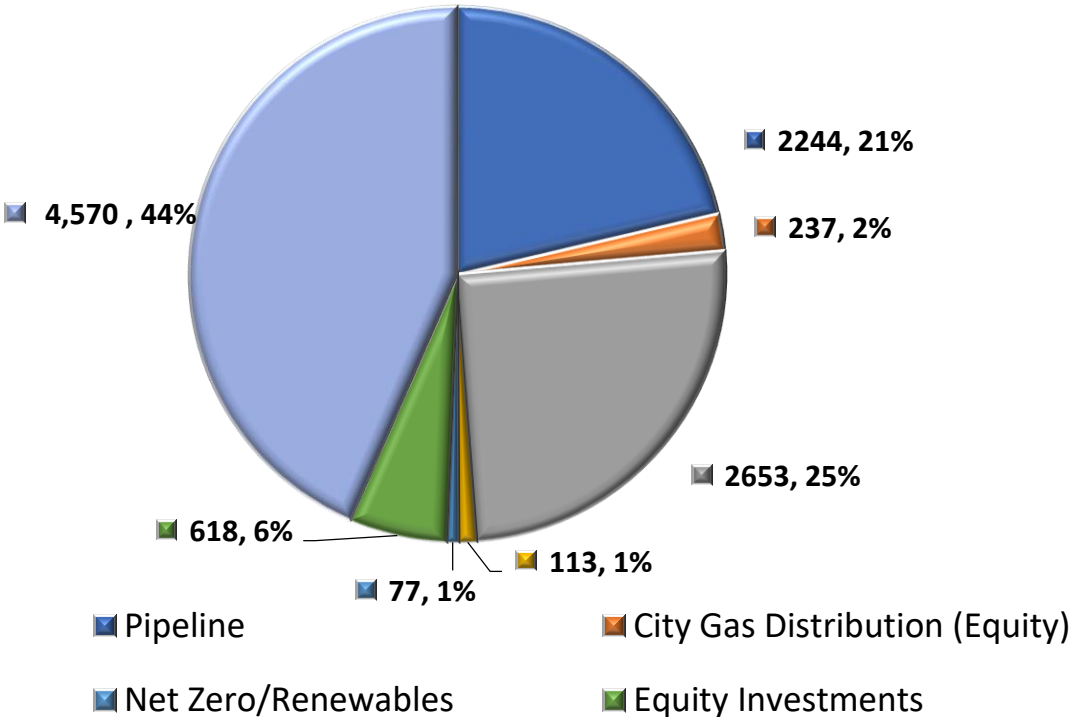


# Capital Expenditure Profile

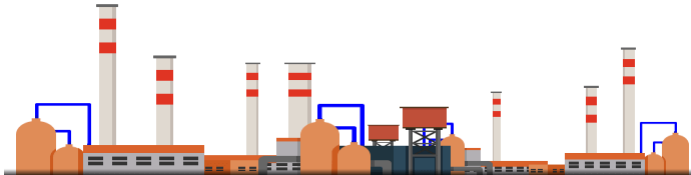
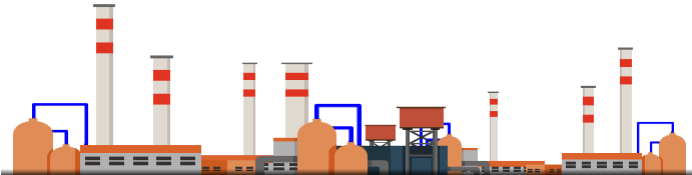
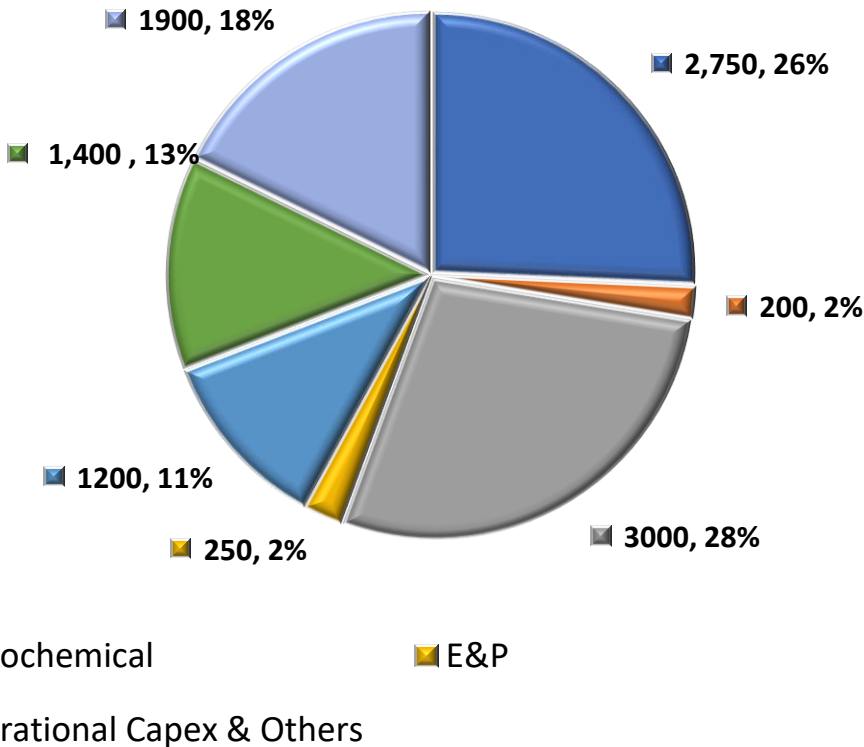


(in Rs crore)

FY 2024-25  
₹ 10,512 Crores



FY 2025-26E  
~₹ 10,700 Crores



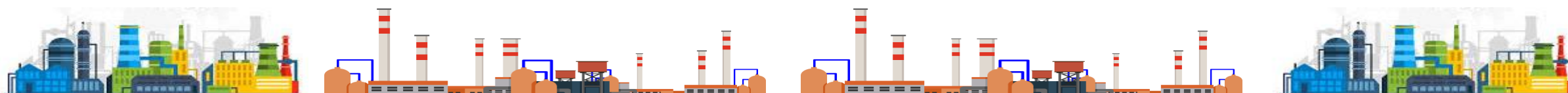
# Actual Capex & Capital Commitment in Major Projects

(in Rs./crore)



| Name of Projects                                               | Lengths of Pipelines (Km)/Capacity | Commissioned length (Km) | Expected Completion Date   | Approved Cost | Capital Commitment | Actual Capex up to 31.03.2025 |
|----------------------------------------------------------------|------------------------------------|--------------------------|----------------------------|---------------|--------------------|-------------------------------|
| <b>Major Pipeline Projects</b>                                 |                                    |                          |                            |               |                    |                               |
| Durgapur-Haldia P/L (JHBDPL 3B)                                | 294                                | 132*                     | 31 <sup>st</sup> Dec 2025  | 2,433         | 2,409              | 2,179                         |
| Dhamra-Haldia P/L                                              | 253                                | 150                      | 31 <sup>st</sup> Dec 2025  | 1,031         | 1,001              | 825                           |
| KKBMPL – II P/L – Krishnagiri – Coimbatore Section             | 322                                | -                        | 31 <sup>st</sup> Dec 2025  | 2,365         | 1,833              | 1,258                         |
| Srikakulam-Angul P/L                                           | 743                                | 421 (completed)          | 30 <sup>th</sup> Jun 2025  | 2,810         | 2,513              | 2,167                         |
| Mumbai-Nagpur-Jharsuguda P/L                                   | 1,702                              | -                        | 30 <sup>th</sup> Jun 2025  | 7,844         | 7,197              | 6,228                         |
| Gurdaspur - Jammu P/L                                          | 152                                | -                        | 11 <sup>th</sup> July 2026 | 522           | 320                | 121                           |
| C2/C3 Pipeline (Vijaipur to Pata)                              | 360                                | -                        | 15 <sup>th</sup> Jan 2027  | 1,792         | 997                | 6                             |
| <b>Major PC Projects</b>                                       |                                    |                          |                            |               |                    |                               |
| Propane Dehydrogenation & Polypropylene Project (PDH-PP), Usar | 500 KTA                            | NA                       | Dec'2025 (Mech Completion) | 11,256        | 10,263             | 6,504                         |
| IPA, USAR                                                      | 50 KTA                             | NA                       | August'27                  | 528           | 32                 | 4                             |
| Polypropylene Project (PP), PATA                               | 60 KTA                             | NA                       | June'2025                  | 1,299         | 1,245              | 1,004                         |
| GMPL – PTA Plant                                               | 1,250 KTA                          | NA                       | February'26                | 4,182         | 3,690              | 2,565                         |

\*Durgapur-Kolkata Section Commissioned



# Environmental Performance Highlights



Commissioned **10 MW** PEM Electrolyser to produce **4.3 TPD** of Green Hydrogen, at Vijaipur (M.P).



Net Zero strategy aims to achieve **100%** reduction in **Scope 1** and **Scope 2** emissions by the year **2035** and a **35%** reduction in **Scope 3** emissions by the year **2040**.



GAIL has set a target to attain **1.7 GW** of Renewable Energy by **2030**



Recycled **74,000** Kilo Litre of Wastewater



Spent **INR 50 Lakhs** on Environmental awareness and employee development



GAIL planted **~ 50,000 trees** in **FY2024-25**

# Awards & Recognitions - FY2024-25

**GAIL's strong focus on ESG has consistently enhanced its Performance, as reflected in the various Awards and Recognitions, as mentioned below:**

➤ **Environment:**

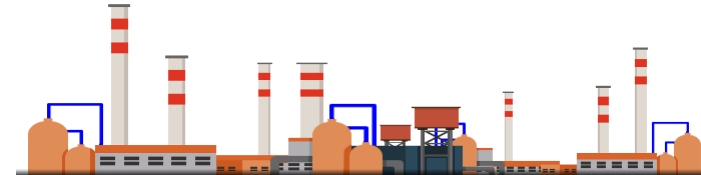
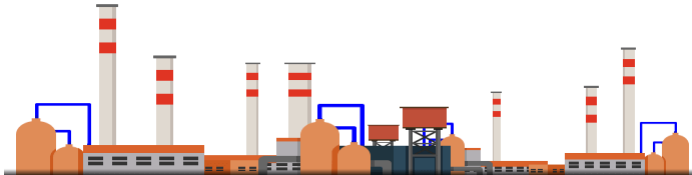
- Green Ribbons Champions' Award in recognition for excellence in decarbonization
- Prithvi Award-2024
- India's Most Sustainable Companies 2023-24 Award

➤ **Social:**

- Corporate Responsibility Champion Award at Outlook Planet Sustainability Summit & Awards 2024
- Global CSR Excellence Award 2024

➤ **Governance:**

- SAP ACE Award 2024 for Best Financial Transformation





# GAIL Hriday – CSR Initiatives

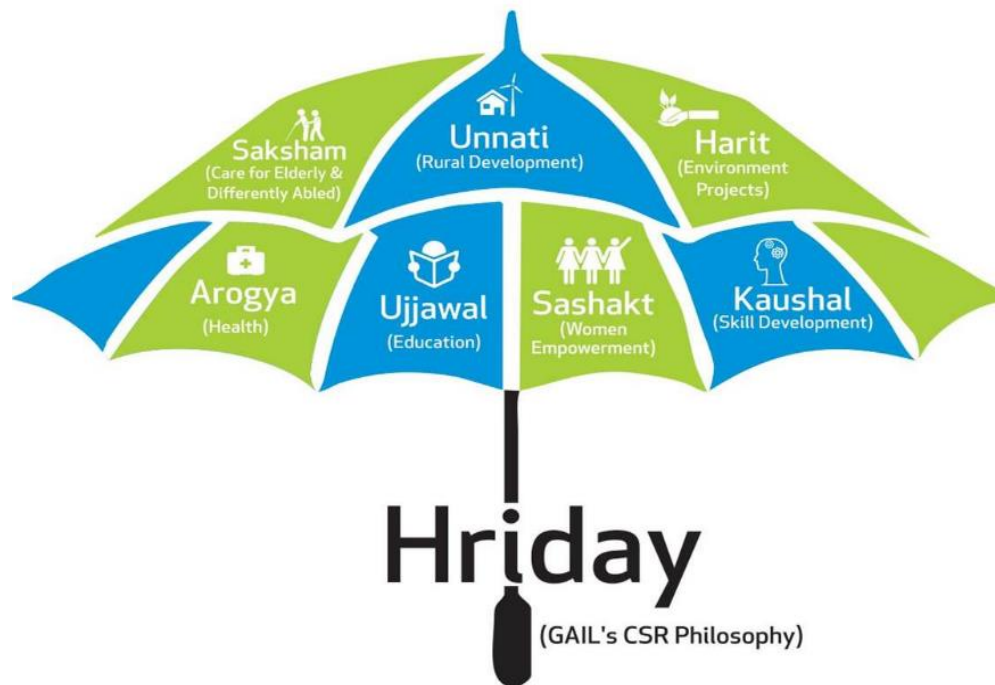


UNNATI

SAKSHAM

AROGYA

UJJWAL



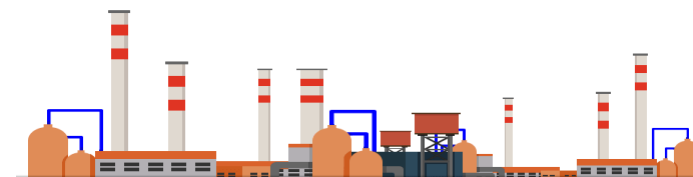
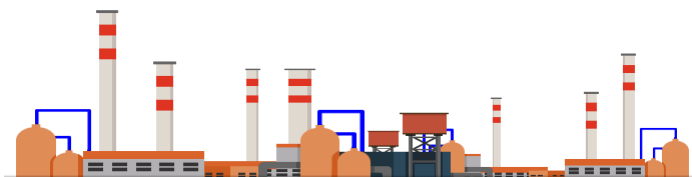
HARIT

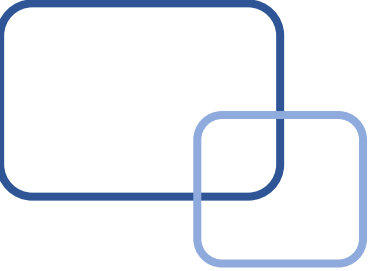
KAUSHAL

SASHAKT

Others

GAIL spent ~ Rs. 149 crores under CSR initiatives for FY 2024-25





# Corporate Social Responsibility (CSR).

*More than 10 Lakh lives impacted Positively*

## Major Highlights

### 1. GAIL UJJAWAL (Education Centric Initiatives):

- **GAIL Utkarsh:** Free residential coaching for **230 students** at centers in **Kanpur, Varanasi, Haldwani** in FY 2024-25. More than **2200 students** have been impacted under GAIL Utkarsh project since its inception. **168 out of 180** students undergoing coaching for engineering entrance exams have cleared **JEE Mains 2025**.
- **Education Support:** Aid for underprivileged students in rural and urban slums.
- **Infrastructure:** Support for government schools through **drinking water provision, sanitary napkin vending machines, incinerators**, etc.
- **Innovation:** Smart Classes, STEM Resource Centres, innovative school bags

### 2. GAIL KAUSHAL (Skill Initiatives):

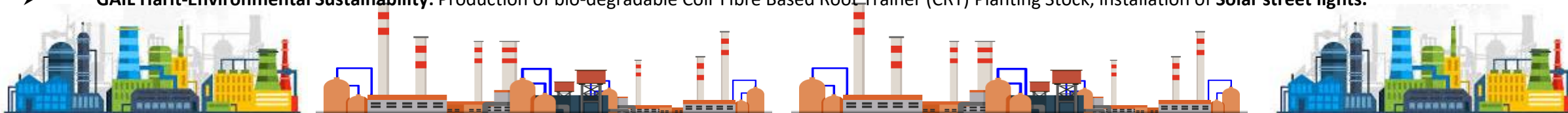
- **GAIL Institute of Skills:** Around **697 youth** were provided skill training in trades related to hydrocarbon sector at Guna and Nagaram.
- **Skill Development Institutes:** Support for SDI at Raebareli

### 3. GAIL AROGYA (Health & Sanitation Initiatives):

- **Healthcare:** **60 Mobile Medical Units** have catered to more than **10 lakh beneficiaries**, **STI clinics, health camps**, and **medical equipment** for government hospitals.
- Distribution of **nutrition kits** for malnourished women & children.
- Installation of **RO water plants** and **hand pumps** to provide **safe and clean drinking water**.

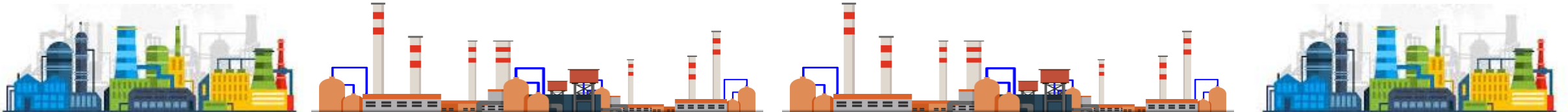
### 4. OTHER FOCUS AREAS:

- **GAIL Unnati-Rural Development:** Repair of houses and installation of street lights.
- **GAIL Saksham-Support for Divyangjans:** Provision of aids and assistive devices to approx. **785 beneficiaries**, Non-formal Education, Speech Therapy for EWS Children with Hearing Impairment.
- **GAIL Sashakt-Women Empowerment:** Support for weaving blankets, vocational skills, and sustainable livelihood opportunities.
- **GAIL Harit-Environmental Sustainability:** Production of bio-degradable Coir Fibre Based Root Trainer (CRT) Planting Stock, installation of **Solar street lights**.



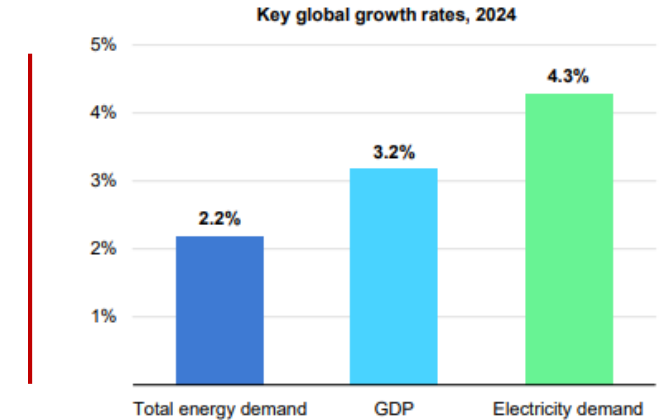
# Industry Outlook

## Natural Gas Segment



# Global Energy Space – Trends and Developments

- Global energy demand grew by 2.2% in 2024
  - Uptick was partly due to the effect of extreme weather
- Growth in energy demand will be led by increasing prosperity in emerging economies
- Green energy is growing rapidly, but not enough to keep pace with the growth in total global energy demand



## Oil demand growth loses momentum

1.9% in 2023  
  
 0.8% in 2024

- End of the post-pandemic mobility rebound
- Slower industrial growth
- Increasing impact of electric vehicles

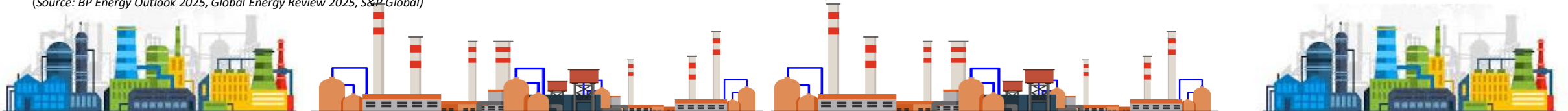
## Global coal demand growth slows

2% in 2023  
  
 1.2% in 2024

- Share in the electricity mix is falling
- Consumption of metallurgical coal fell by around 0.5%

**Role of Natural gas in Energy Transition:** Brings quick and significant near-term benefits in reduced emissions & essential to achieve deep and fast decarbonization.

(Source: BP Energy Outlook 2025, Global Energy Review 2025, S&P Global)



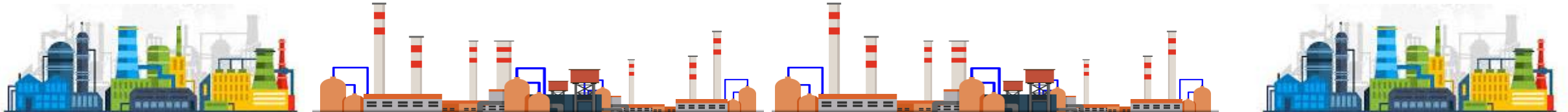
# Global Gas Demand - Outlook

- Following the supply shock of 2022/23, natural gas markets moved towards a gradual rebalancing and returned to structural growth
- Global gas demand reached a new all-time high in 2024 and is expected to expand further in 2025
  - Main drivers - Fast growing markets in Asia Pacific region and industrial uses of gas
- Extreme weather events highlight the crucial role of gas supply flexibility in ensuring heat and electricity security
  - In markets with a growing share of variable renewables, gas-based generation plays an increasingly important backup role in ensuring electricity supply security at times when wind and/or solar output is low.
- Natural gas continues to displace oil/oil products in various sectors - supported by policies, regulations and market dynamics
  - The displacement in the power sector & long haul transport - to continue over the medium term.

**The prospects for natural gas are shaped by two significant but opposing trends:**

- ☐ increasing demand in emerging economies as they grow and industrialize,
- ☐ shift away from natural gas to greater electrification and lower carbon fuels as the world decarbonizes.

(Source: IEA Global Energy Review 2025, IEA Gas Market Report 2025)



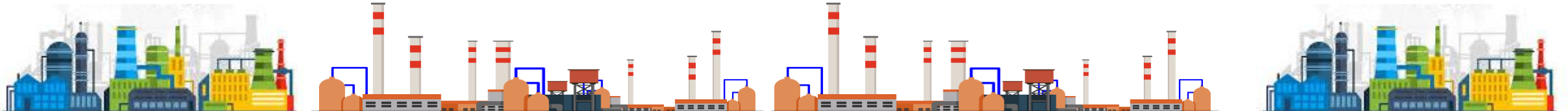
# Global Gas Supply Dynamics & Price Outlook

- Strong LNG contracting activity continued in 2024, led by the Middle East
    - On the supply side - the Middle East was a main driver (55%), on the import side - Asian buyers continued to dominate (57%) - share of long-term agreements (with a duration of > 10 years) was more than 80%
  - Tight gas supply fundamentals are expected to linger into 2025
    - Project delays & feed gas supply issues at certain legacy producers weighed on LNG production growth
    - Supply set to accelerate in 2025 amid the expected start and ramping up of several large LNG projects, notably in North America.
  - Tighter market fundamentals drove up natural gas prices in the second half of 2024
  - The correlation between Asian and European prices reached an all-time high, reflecting the increasingly globalized nature of natural gas markets.
- Higher storage injection demand through the summer
  - Halt of Russian piped gas transit via Ukraine
  - Continuing competition with Asia for flexible LNG cargoes

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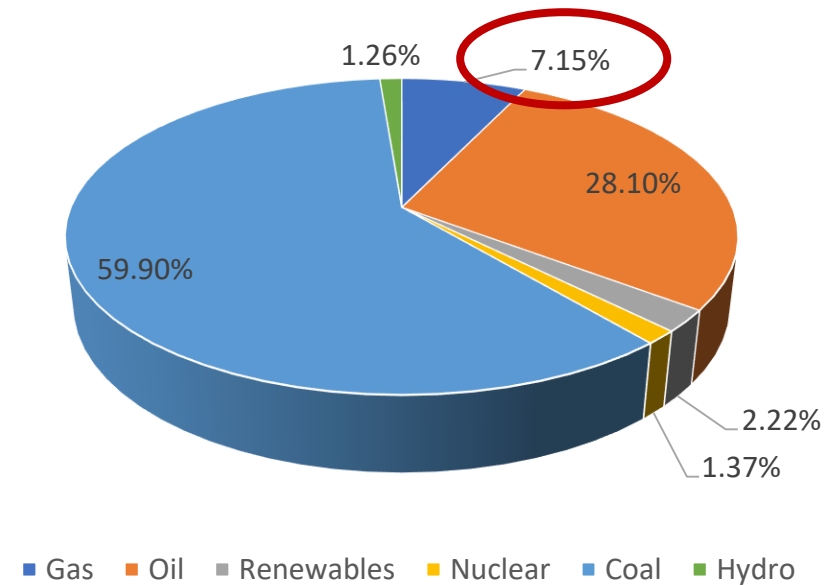
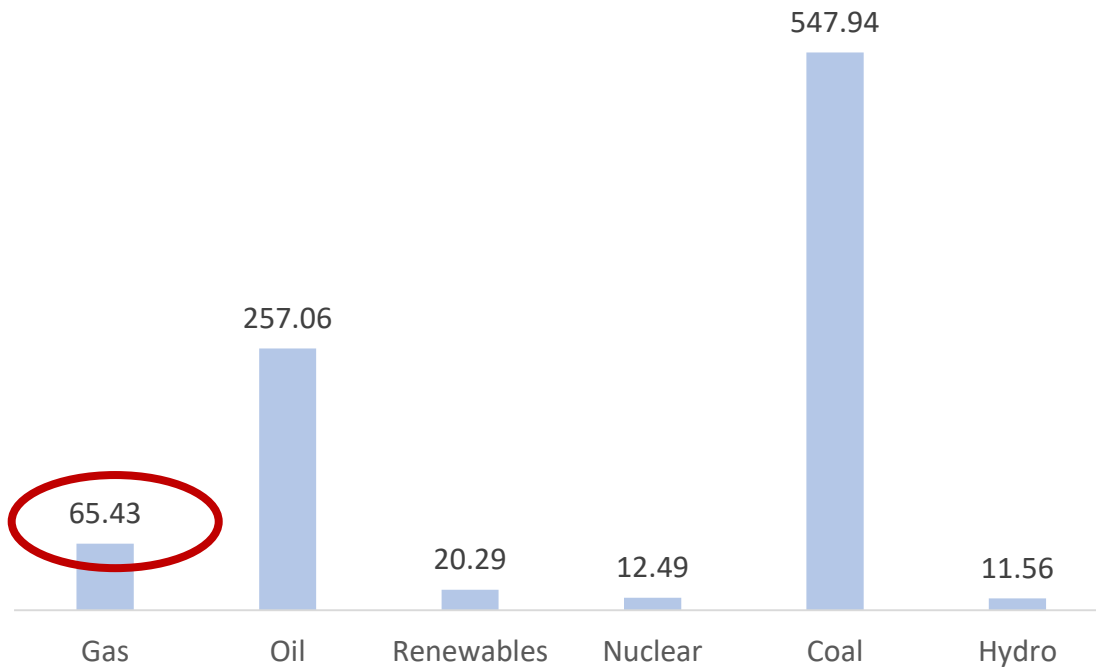
Forward curve of indices (TTF, JKM, HH etc.) indicate prices could increase in 2025 compared to 2024 levels
- Substantial increase in LNG production and export capacity (~210 MMTA) between 2024 & 2030 - more comfortable supply and demand balances

(Source: IEA Gas Market Report 2025, IEA Global Energy Review 2025)



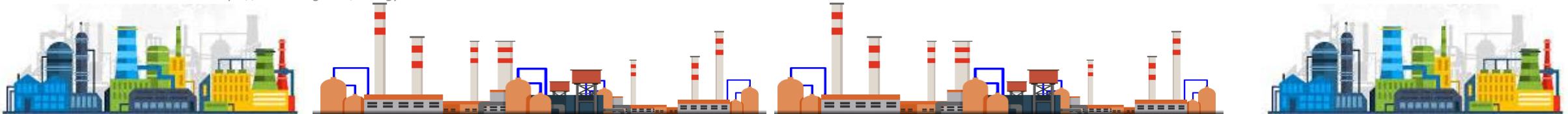


# Primary Energy Mix - India



Source wise Primary Energy supply in 2023-24 (mtoe)

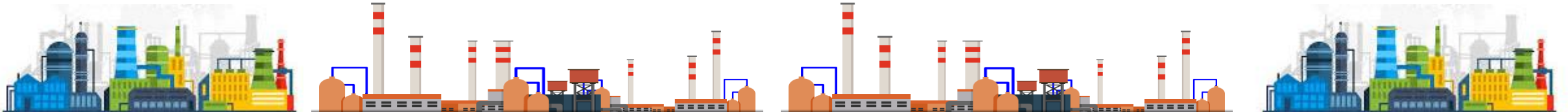
Source: <https://iced.niti.gov.in/energy>



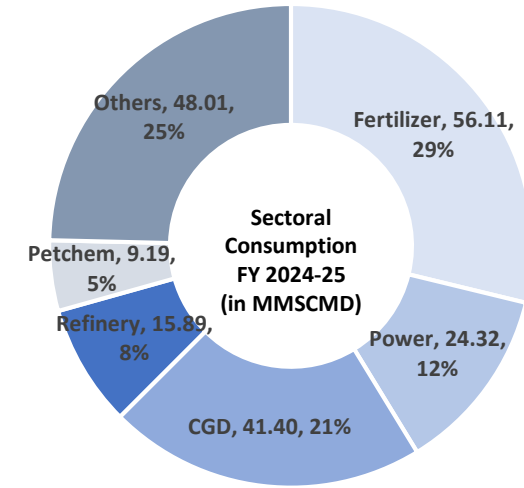
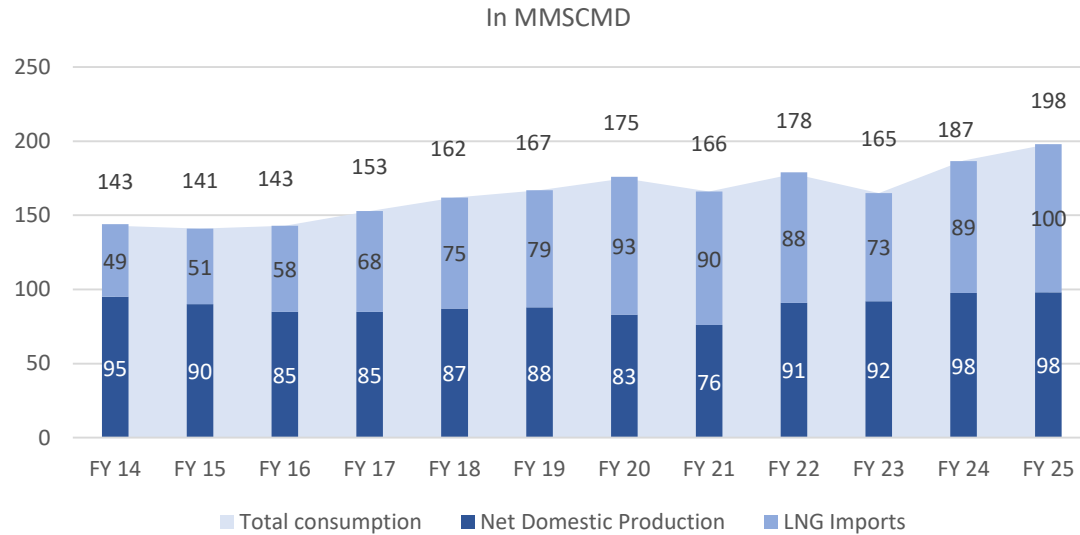
# Indian Energy Scenario

- India's energy sector is navigating dual imperatives - meeting current demand and advancing towards a sustainable future.
- India successfully met an all-time maximum power demand of 250 GW during FY 2024-25
- With crude oil and natural gas import dependency at approximately 85% and 51% respectively, energy security in India remains one of the top priorities for India to support economic activity.
  - The government is incentivizing domestic exploration, production and alternatives like biofuels and hydrogen to reduce this vulnerability.
- Circularity initiatives, industrial decarbonization efforts and advancements in carbon capture technologies have gained momentum in India.
  - Heavy industries such as steel and refining began aligning with global emissions standards, including the EU's Carbon Border Adjustment Mechanism (CBAM)
- Natural gas - important role in the early stages of India's extended decarbonization journey
  - Simultaneously contribute to meeting rapidly rising energy demand, reducing local air pollution and mitigating GHG emissions in India's coal-dominated energy system
  - Supports the integration of rapidly expanding renewable capacities - reinforcing the role of gas in energy transition

Source: EY - Fueling the future: Key trends and outlook for the Energy sector 2025, IEA India Gas Market Report 2025

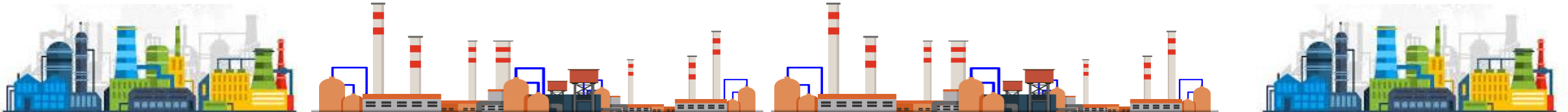


# All India Natural Gas Consumption – Historical



- Fertilizer sector used the major share of natural gas in the country
- Growing at a CAGR of > 12%, consumption of CGD sector is expected to increase significantly in coming years.
- As per PNGRB study, CGD sector to grow at ~15% till 2030 and thereafter, ~12% till 2040

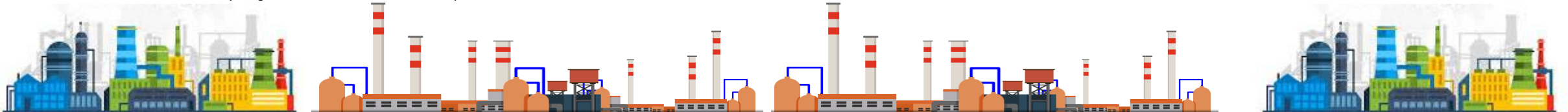
Source:PPAC | Monthly report - March 2025



# Natural Gas Consumption in India

- India was the fourth largest LNG market in 2024 and remains an attractive market for long-term suppliers
- Indian buyers signed a series of term contracts since late 2024 and are actively seeking additional opportunities
  - ~7.1 MMtpa of new contracts are expected to begin supply in 2025 and 2026
  - Increasing demand and peaking domestic gas production - need for more term deals to reduce exposure to the spot market
- India's domestic gas production is projected to grow over the next three years, peaking by 2027-28- resulting in a higher share of LNG in the overall supply mix from 2027 onwards
  - This transition can benefit from lower LNG prices due to a new wave of liquefaction plants expected to come online starting from 2025
- Infrastructure development is playing a crucial role in enabling market growth
  - The city gas distribution sector is expected to lead consumption growth
  - Natural gas use in new refineries connected to the network
- Price Sensitivity impacting downstream consumption
  - Strong inter-fuel competition with natural gas vying against coal, oil and renewables in several gas-consuming sectors
- The government's commitment will be pivotal in driving growth in the natural gas sector and reducing energy-related GHG emissions by replacing coal and liquid fuels with gas in the energy mix

Source: S&P Global Commodity Insights 2025, IEA India Gas Market Report 2025

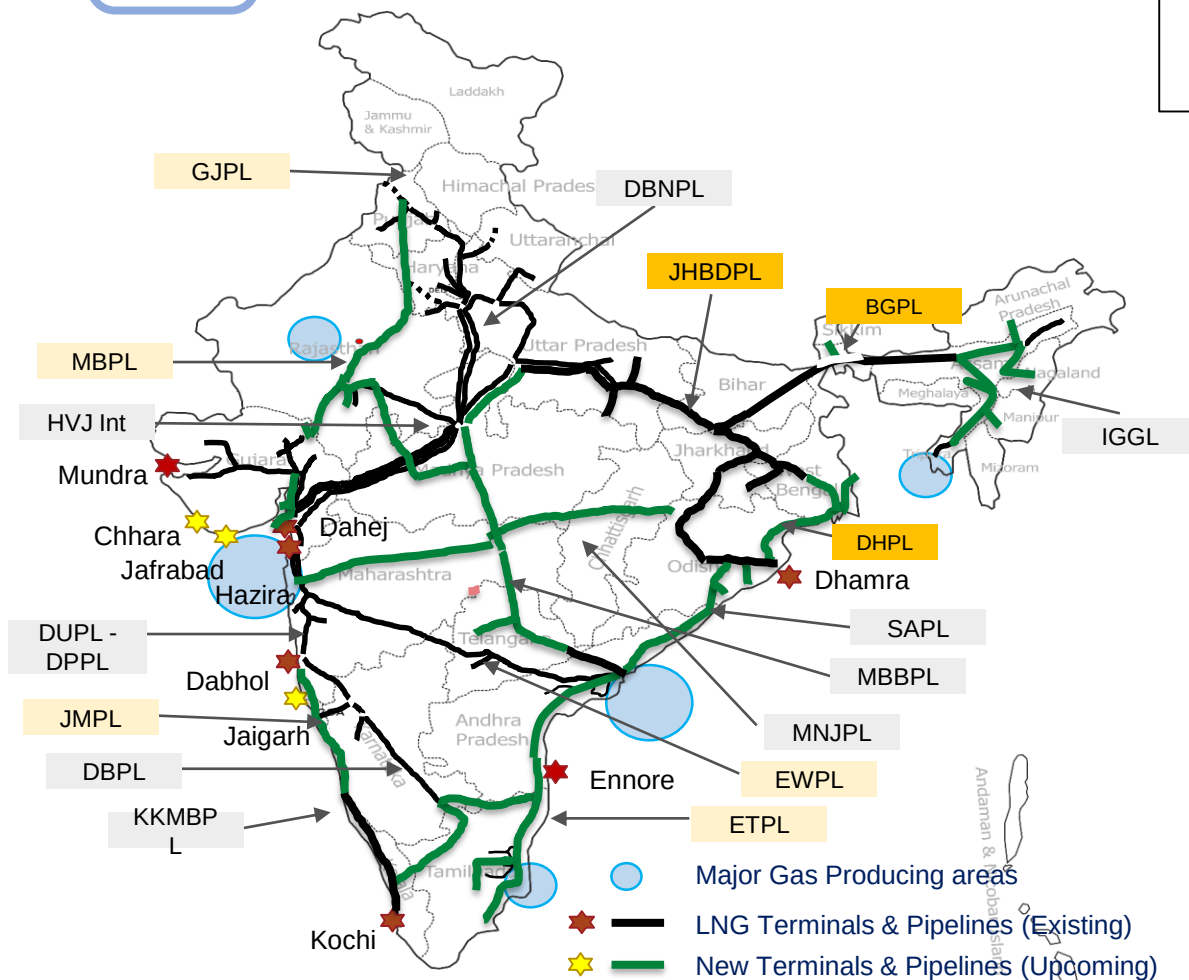


# Gas infrastructure in India - "One Nation-One Grid"



|                       |           |
|-----------------------|-----------|
| Operational pipelines | 25,124 km |
| Authorized pipelines  | 33,475 km |

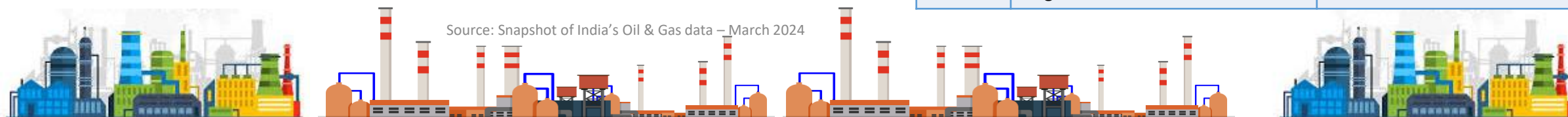
Fig: PNGRB | Natural Gas Pipelines Network in India - as on 31<sup>st</sup> December, 2024



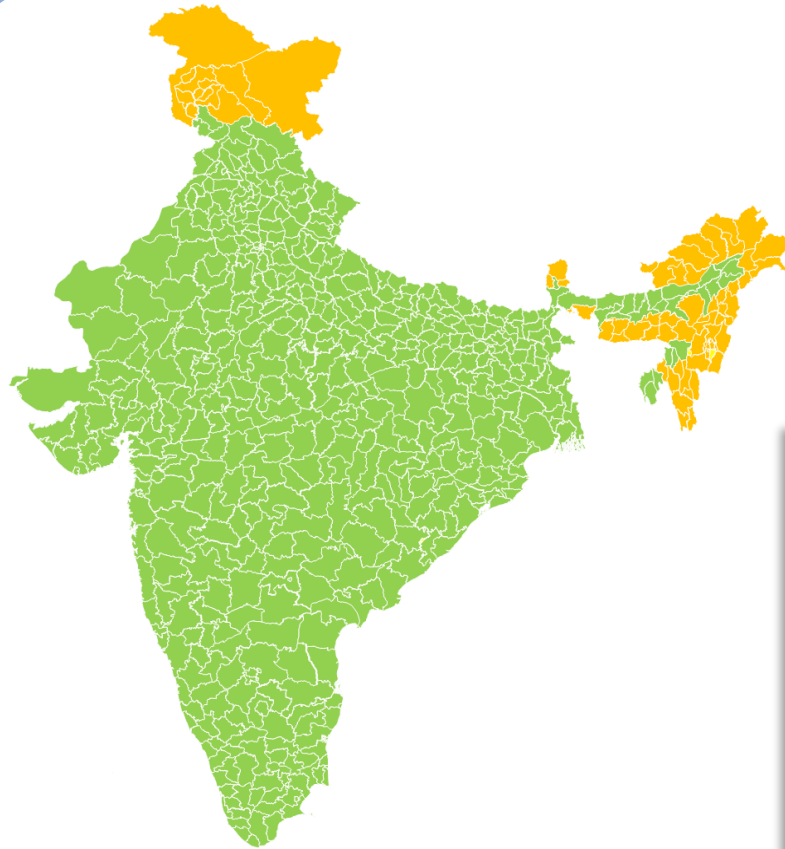
| S. No. | Existing Re-gas Terminals | Re-gas Capacity (MMTPA) | Capacity Utilization (Apr 2024 - Feb 2025) |
|--------|---------------------------|-------------------------|--------------------------------------------|
| 1.     | Dahej (Gujarat)           | 17.5                    | 98.1%                                      |
| 2.     | Hazira (Gujarat)          | 5.2                     | 32.5%                                      |
| 3.     | Dabhol (MH)               | 5                       | 45.1%                                      |
| 4.     | Kochi (Kerala)            | 5                       | 22.3%                                      |
| 5.     | Ennore (A.P.)             | 5                       | 25.1%                                      |
| 6.     | Mundra (Gujarat)          | 5                       | 22.2%                                      |
| 7.     | Dhamra (Odisha)           | 5                       | 41%                                        |
| 8.     | Chhara (Gujarat)          | 5                       | Commissioned in Jan '25                    |
|        | Total                     | ~ 52.7                  |                                            |

| S. No. | Upcoming Re-gas Terminals | Re-gas Capacity (MMTPA) |
|--------|---------------------------|-------------------------|
| 1.     | Jafrabad                  | 5                       |
| 2.     | Jaigarh                   | 4                       |

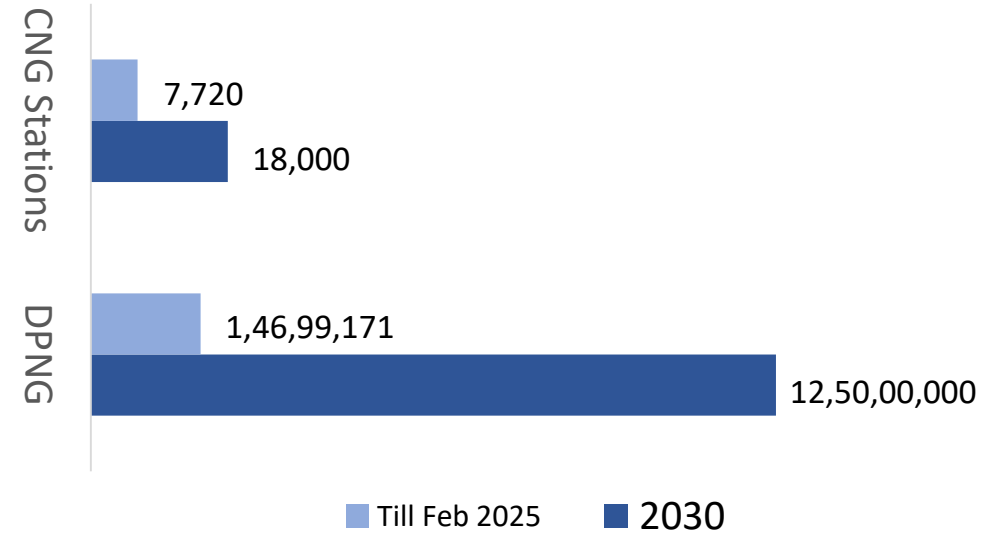
Source: Snapshot of India's Oil & Gas data – March 2024



# City Gas Distribution – Making gas accessible to public



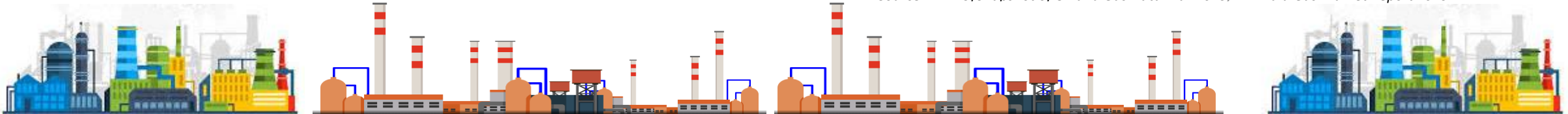
■ CGD up to 11<sup>th</sup> round (300 GAs)  
■ Authorized in 12<sup>th</sup> round (7 GAs)



## CGD Growth:

- CGD sector, expected to grow at a CAGR of ~15% till 2030, will lead the growth of gas consumption in India
- Most of the growth will come from the CNG sector and small industries
- The government has implemented several measures to promote the use of CNG and D-PNG across the country
  - Reallocating the cheapest (APM priced) domestic gas from power and other non-priority sectors to CNG and residential city gas users
  - **Priority for CNG and D-PNG use in the distribution of HP/HT gas**
  - New Well Gas allocation with priority for usage in CNG and D-PNG

Source: \*PPAC/Snapshot of Oil and Gas Data Mar 2025, IEA India Gas Market Report 2025





# Petrochemical Business Outlook

- ❑ India's per capita consumption of Polymers is just 15 kg vs. China per capita consumption of 83 kg.
- ❑ World average per capita consumption of Plastics is ~42 Kg with US consuming as high as 93 Kg per capita

India's per capita consumption is one of the lowest in Asia

Future Polymer demand growth in India is estimated at ~8% p.a: Indian PE & PP Market's CAGR for last 5 years stood at 8.8% & 7.6% respectively.

## Major Highlights of GAIL's Petrochemical Business in FY 2024-25

- ❑ Sold 1141 KTA of polymers (845 KTA - GAIL & 296 KTA - BCPL)
- ❑ Polymer capacity enhancement under progress; 500 KTA PDH-PP plant at Usar & 60 KTA PP plant at Pata
- ❑ Diversification in PTA (raw material for PET & Polyester) through acquisition of 1250 KTA Plant of JBF Petrochemicals, now known as GMPL (GAIL Mangalore Petrochemicals Limited).

## Future demand drivers

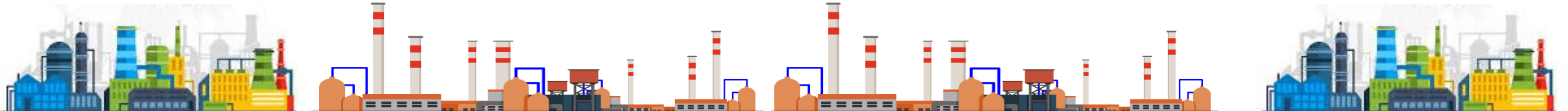
- ✓ Packaging Industry
- ✓ Ecommerce driving packaging
- ✓ Automobile /Construction Industry
- ✓ Agriculture Industry

G-Lex

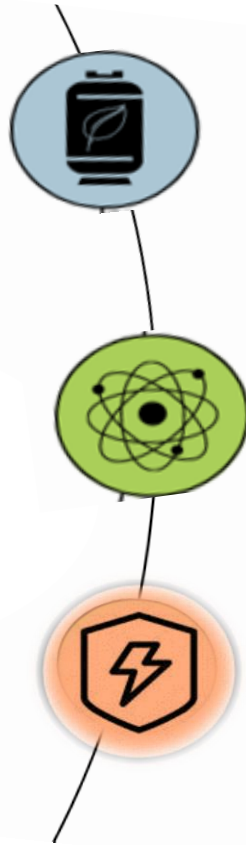
Growth drivers coupled with capacity addition will result in growth in Top line for GAIL.

G-Lene

Source: CPMA & internal data



# New Initiatives



## Compressed Bio Gas (CBG)

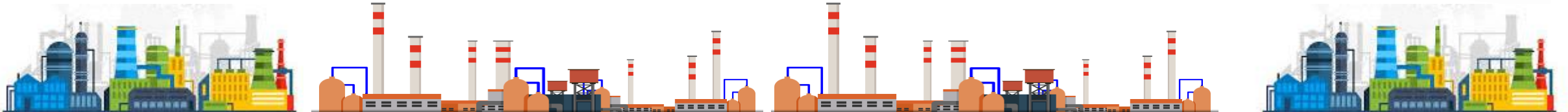
- **408 LOIs for 2293 TPD of CBG** issued
- GAIL achieved ~31900 MT of CBG sales through CBG-CGD Synchronization scheme in 2024-25
- Commissioned 5 TPD CBG Plant in Ranchi
  - Target to set up 25-30 CBG plants across India

## Energy Transition

- Commissioned India's first megawatt scale PEM Electrolyzer - 10 MW capacity to produce 4.3 TPD Green Hydrogen at Vijaipur
- Advanced Net Zero target for Scope 1 & 2 emissions from 2040 to 2035
- MoUs signed with NTPC (Energy Cooperation), Petron Scientific (Bio-Ethylene plant)
- MoU with RRVUNL to optimize the operations of RRVUNL's gas-based power plants in Rajasthan and setting up of around 1,000 MW of solar & wind projects

## Energy Security

- 0.80 MMTPA LNG SPA with Qatar Energy Trading for five years w.e.f. April 2025
- Parking Agreement signed with ONGC & NTPC for availing parking services in GAIL's pipelines
- JV formed by GAIL & CIL - production of Synthetic Natural Gas (SNG) at Eastern Coalfield Ltd. in WB.



# Our Touch Points

## For Institutional Investors & Analysts



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