

SESSION 3

MONITORING DIVISION



**LT. COL.
ABHISHEK
KUMAR**



20th April 2026

Petroleum and Natural Gas Regulatory Board

Monitoring Division

Visit Our Website

www.pngrb.gov.in



Agenda

1

Mandate of PNGRB – Monitoring Division

2

Current Scenario – NGPL, PPPL and CGD Network

3

National PNG Drive 2.0

4

MoPNG & PNGRB Actions/Directions

5

State Directives

6

Regulations pertaining to Monitoring of NGPL, PPPL and CGD



Monitoring Division Overview

PNGRB Monitoring Overview

Oversight of three critical infrastructure domains through systematic tracking, compliance verification, and enforcement mechanisms to ensure India's energy infrastructure development aligns with national objectives.

Natural Gas Pipelines

City Gas Distribution

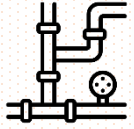
Petroleum Product Pipelines

Regulatory Enforcement



Natural Gas and Petroleum Product Infrastructure

(as on Dec'25)



Natural Gas Pipelines(NGPL)

- Authorized NGPLs: **34,273** KM (37)
- Operational NGPLs: 27,427 KM (C - 21 & P.C.-10)
- Under Construction NGPLs: 8,489 KM (6)



Petroleum and Petroleum Product PLs:

- Authorized PPPLs : **15,148** KM(27)
- Operational PPPLs: 10,029 KM(C-16 & PC- 3)
- Under Construction PPPLs: 4,727 KM (8)

LNG Infrastructure

- Present LNG Terminal Capacity: **57.7** MMTPA
- Operational : **8** Terminals
- Under Expansion: **10-15** MMTPA



City Gas Distribution Overview

City Gas Distribution: Till 12 bidding round, coverage of CGD expansion

1

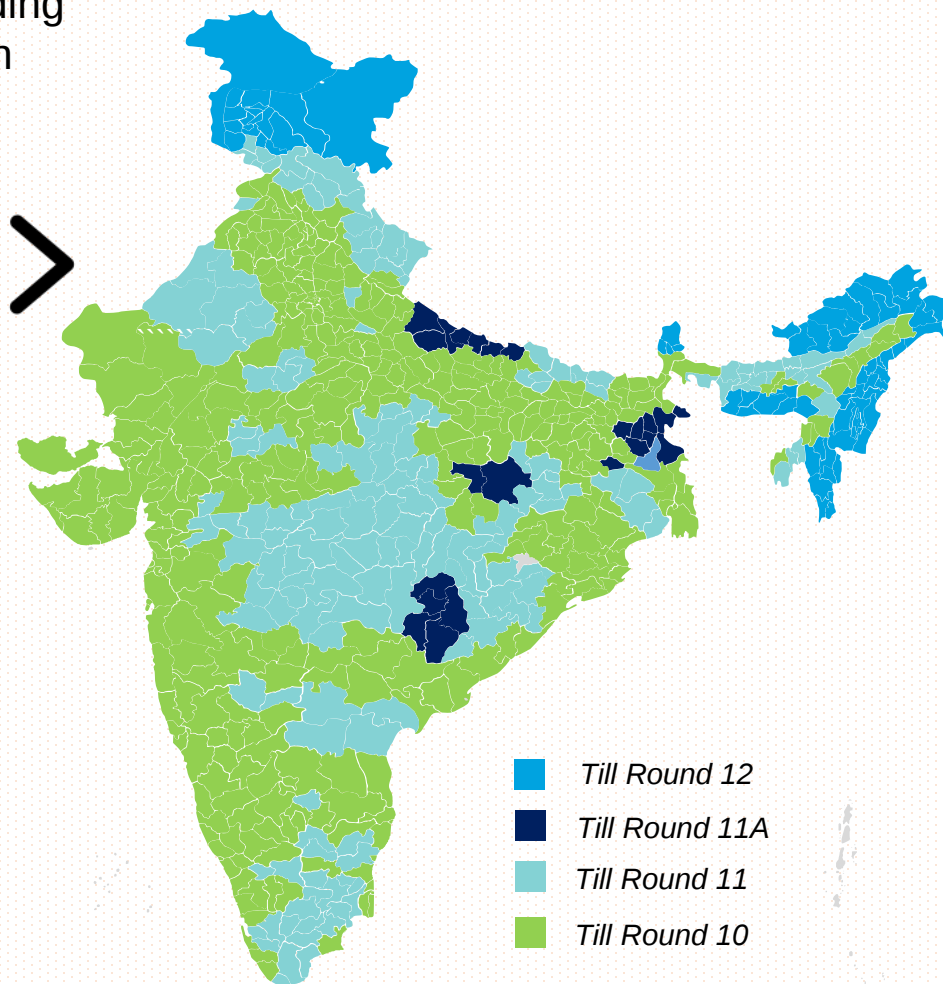
307 GAs

2

34 states and
UTs

3

100% coverage
(except
islands)



(as on Feb' 26)



Domestic PNG connections¹

1.67 crore



Industrial & Commercial
PNG connections

70,677

Industrial : 21,645
Commercial : 49,032



CNG Stations¹

8,692



CGD Progress – Feb 26



PNG Connections

Total Target: 12.64 Cr.
Pro-Rata Target: 3.99 Cr.
Achievement: 1.67 Cr.
Billed: 1.05 Cr



CNG Stations

Total Target: 18,336
Pro-Rata Target: 6,502
Achievement: 8,692



Inch KM Pipeline

Total Target: 5.46 Lakh
Pro-Rata Target: 3.90 Lakh
Achievement: 2.36 Lakh(Steel)
: 4.18Lakh(MDPE)

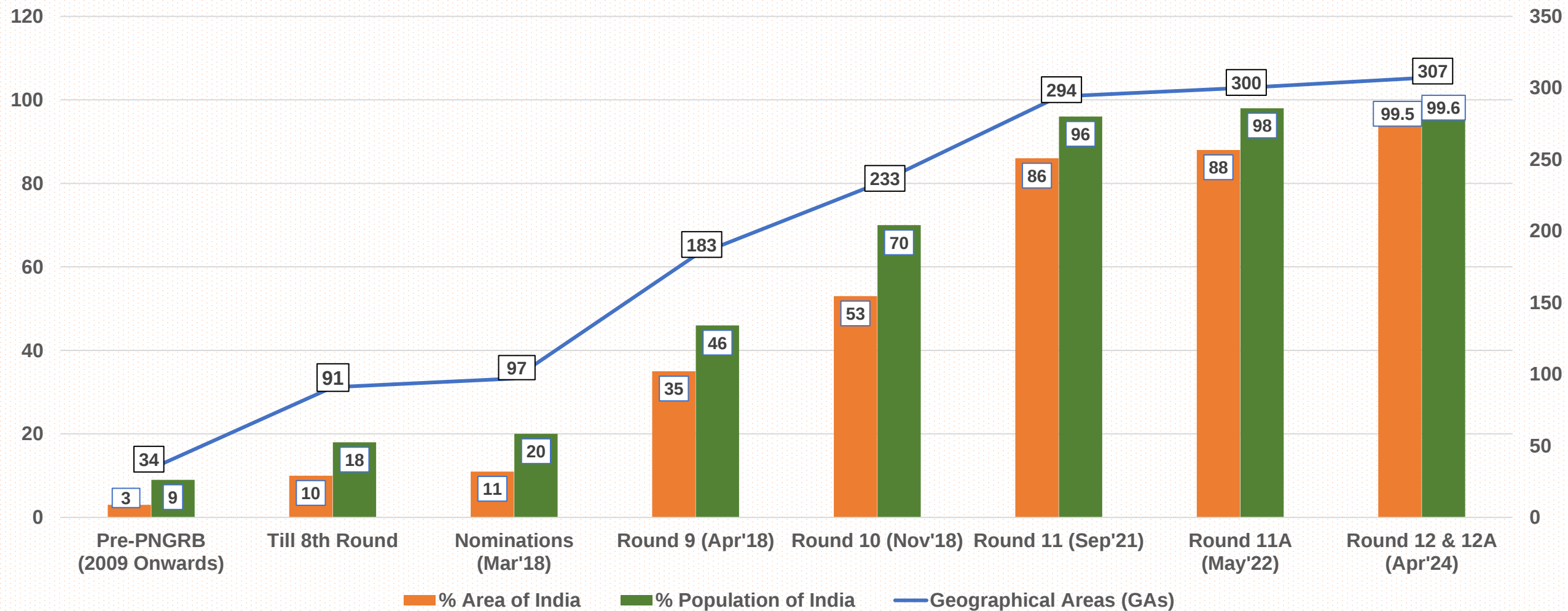


TRENDS

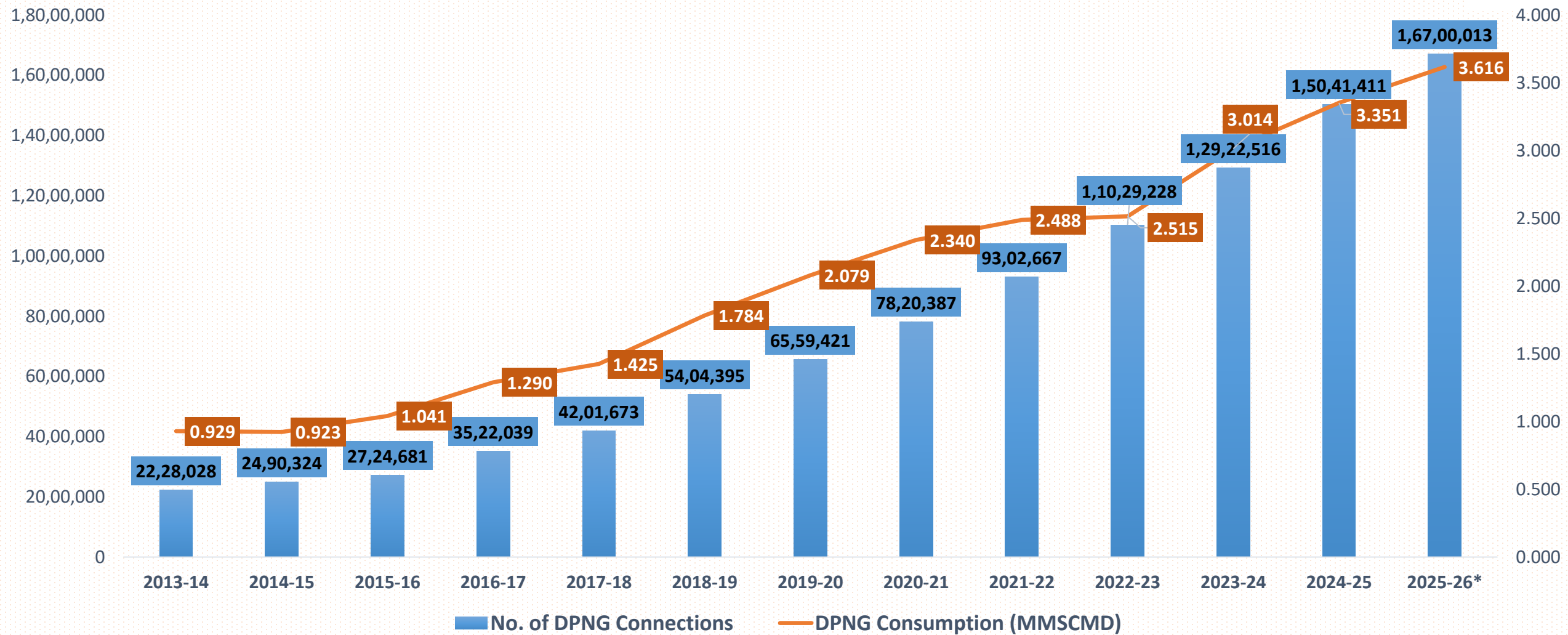
Expansion

A detailed silhouette of an industrial plant, likely a refinery or chemical processing facility. The scene includes several large vertical storage tanks, tall distillation columns, and a complex network of pipes and structural steel. The entire image is rendered in a light gray tone against a white background, creating a clean, technical aesthetic.

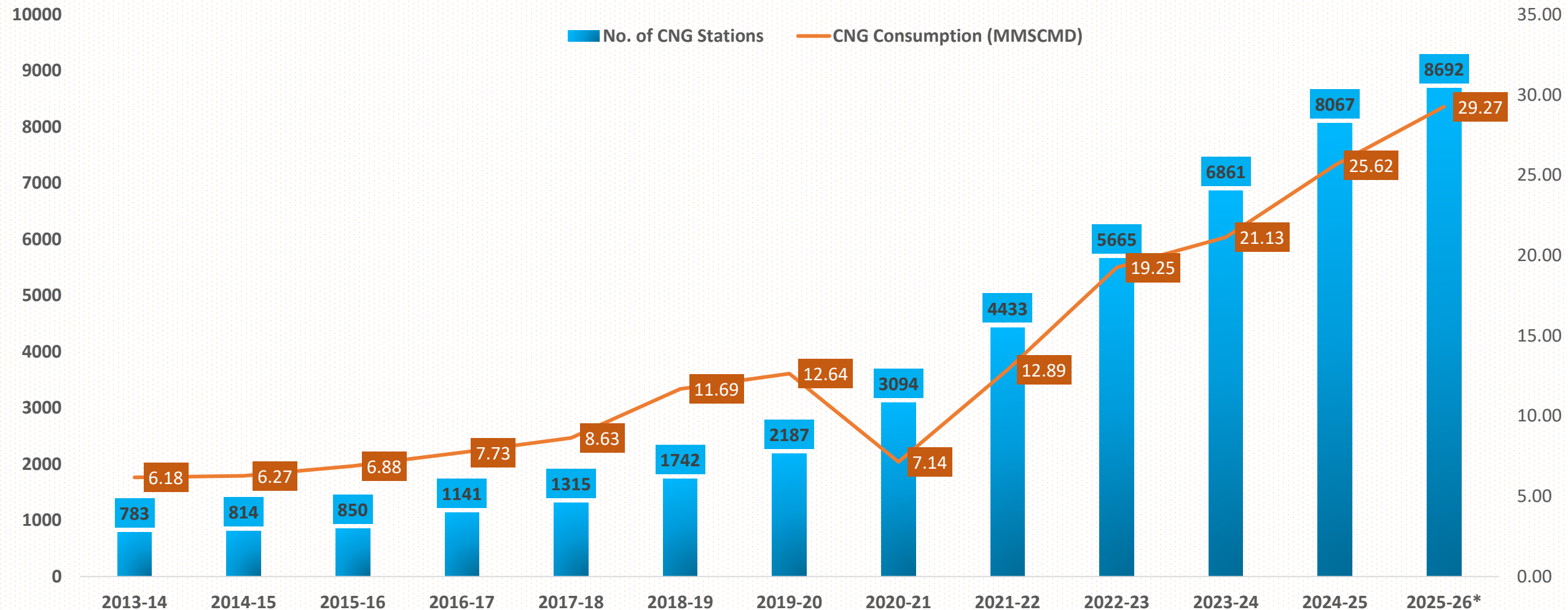
Development of CGD Infrastructure



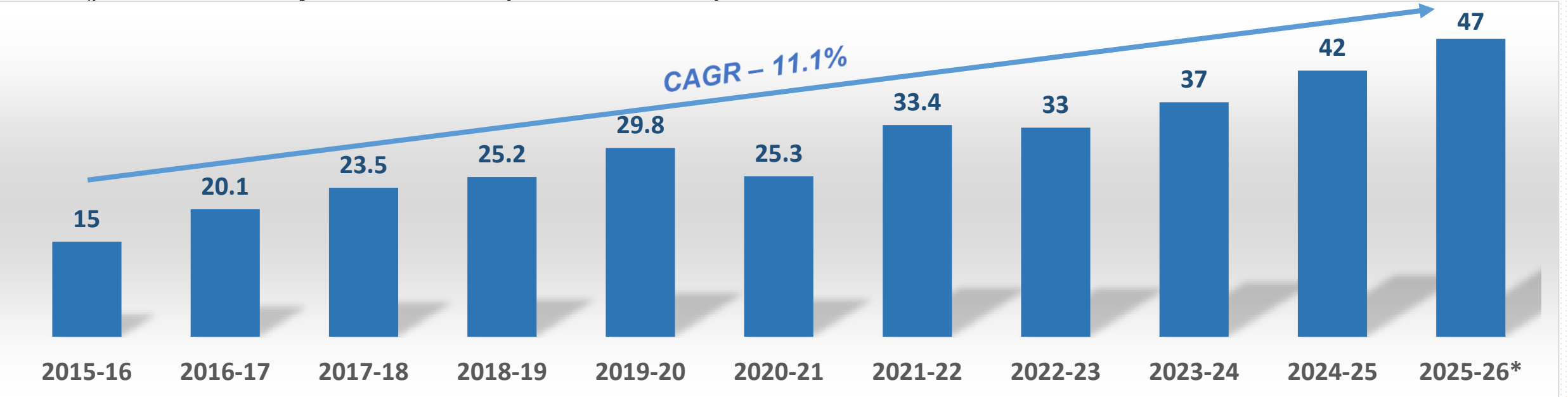
Number of DPNG connection & DPNG Sale



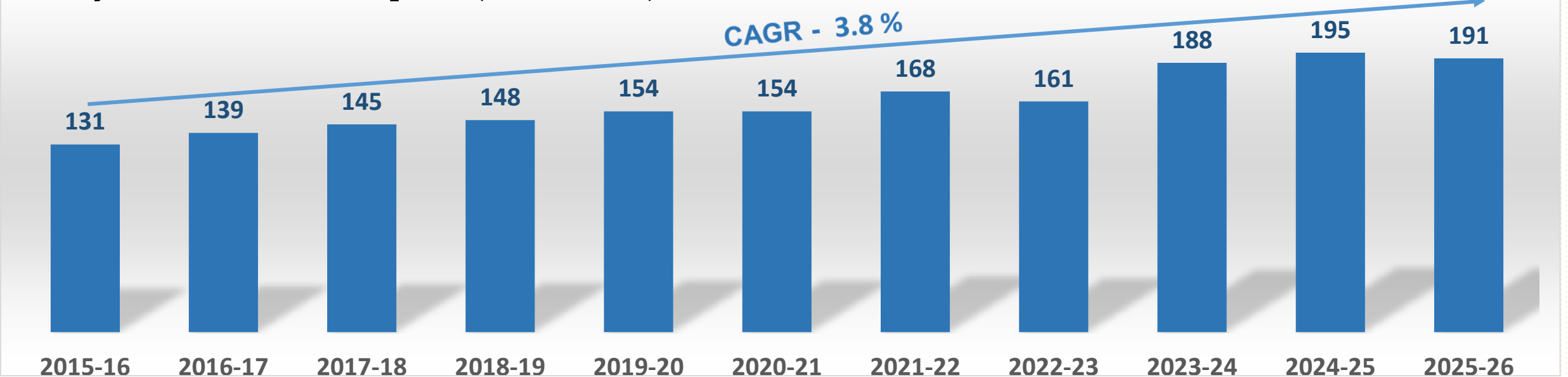
Number of CNG Stations and CNG Sales



Yearly Gas Consumption in **CGD** (in MMSCMD)



Yearly **Total** Gas Consumption (MMSCMD)

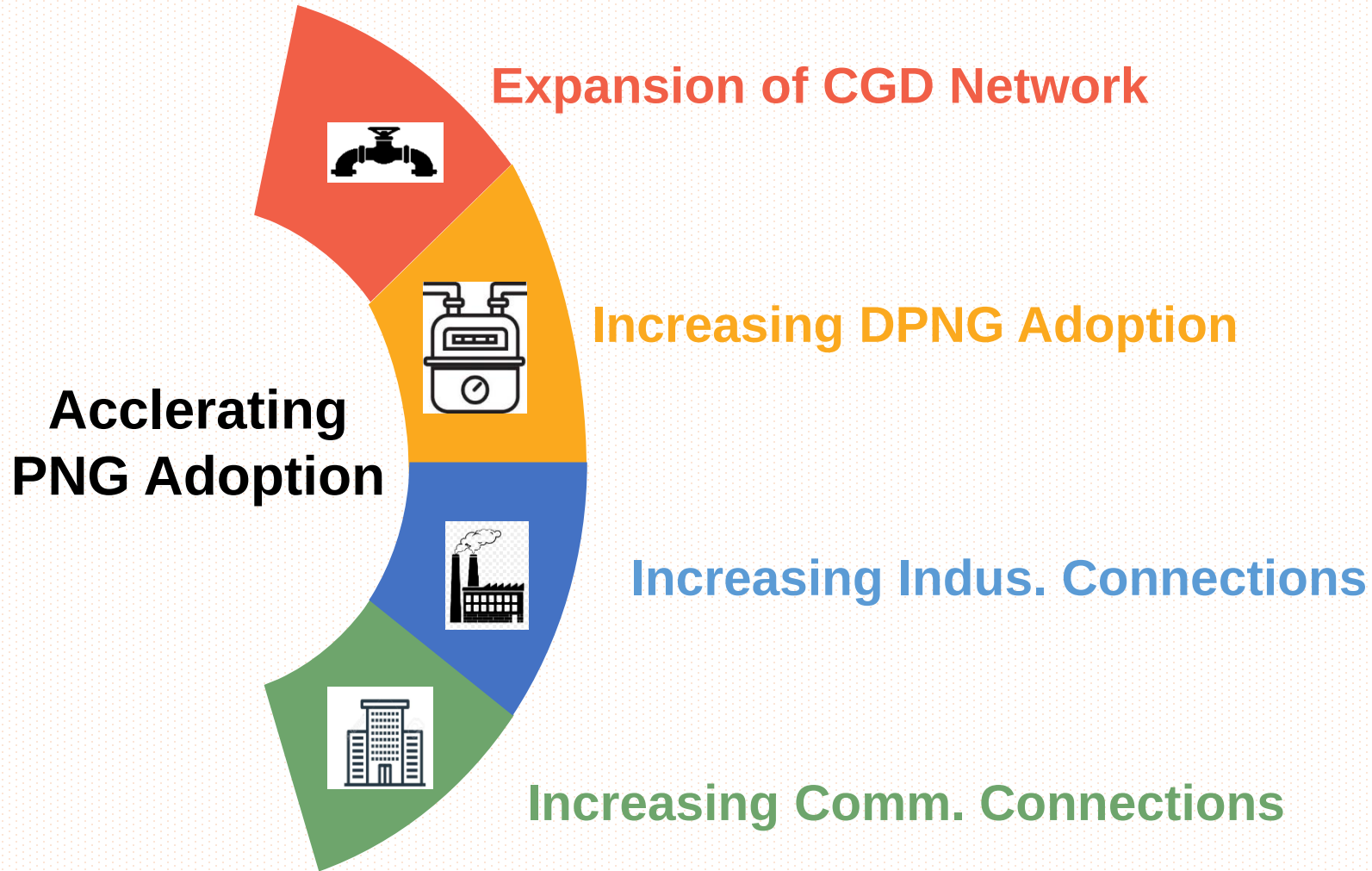


National PNG Drive 2.0

From 1st Jan'26 to 30th June'26



PNG Drive 2.0 - Objectives



- ✓ Increase share of natural gas in the India's energy basket to 15%
- ✓ Expand PNG consumer base across broader segment of population
- ✓ Facilitate supply of natural gas to existing registered



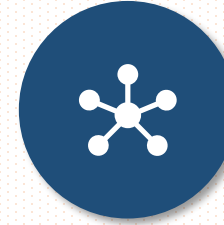
Focus Area



**Conversion of
Connected & Registered
consumer**



**Connection to
Registered consumers
during PNG Drive 2.0 by
Sept- 26**



**Register & convert
commercial connections**



**Create infra for new
Industrial consumers**



**Increase Online CNG
Stations**



**Reduce Queuing at CNG
Stations**



**Connect GAs through
NGPL**



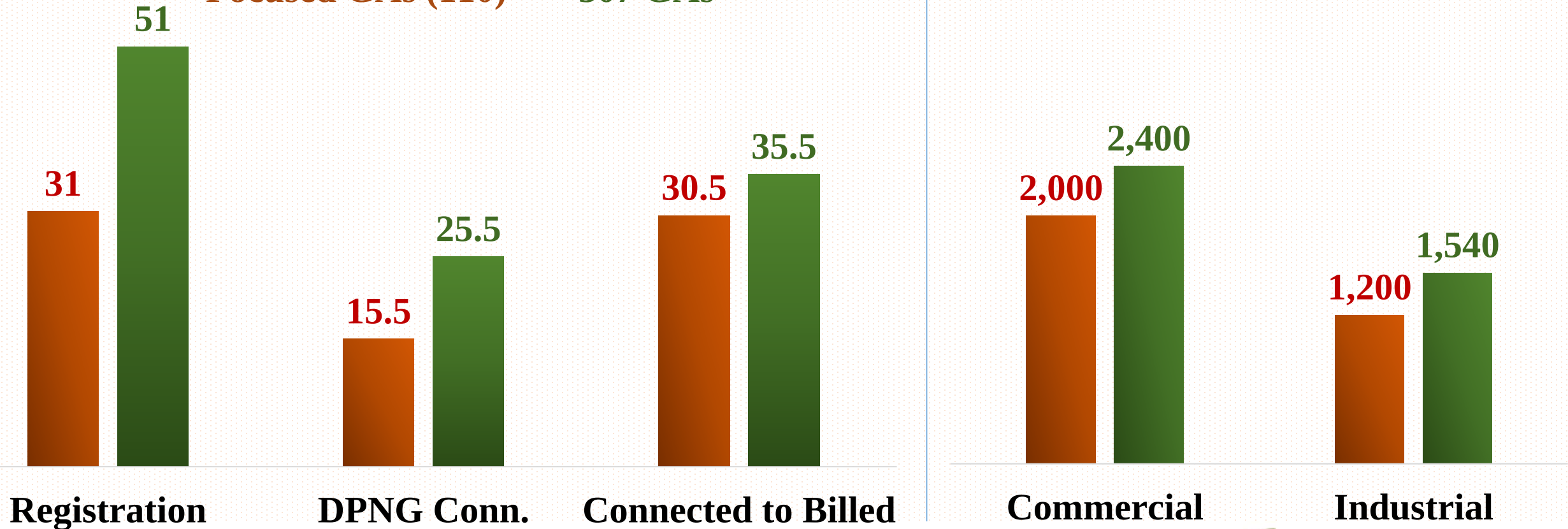
**Connect 100% District by
CNG & PNG (Timeline?)**



National PNG Drive 2.0 - Targets

DPNG Connections (In Lac)

■ Focused GAs (110) ■ 307 GAs



DPNG Connections (In Lac)

**Till 31st Mar'26*

■ DPNG Conn. ■ Billed Conn.

19.34

13.4

FY25-26*

Quarter 4

2.88

5.92

Jan-Mar'25

Jan-Mar'26*

March

1.02

3.57

Mar'25

Mar'26*



INTERVENTIONS

MOPNG AND PNGRB DIRECTIONS & POLICIES





MoPNG Actions/Directions



19

➤ 14th Mar'26 - Gazette Notification

- ✓ Households with DPNG connection **will not get LPG connection/cylinder refills.**

➤ Natural Gas & Petroleum Product Distribution Order - 2026

- ✓ Earmarked timeline for permissions
 - Housing Areas – **03 working days**
 - Non-public Areas – **10 – 60 working days**
- ✓ **Standardized RoW/RoU charges – Rs. 1/mtr.**
- ✓ Standardized dig & pay charges
- ✓ Designated Nodal Agency – **PNGRB** (collection, compilation, maint.)
- ✓ Consequence of HH not applying for & obtaining PNG:
 - LPG supply shall **cease after 03 months**
 - LPG Supply – subject to issuance of NOC (issued by CGD entity)

Actions to be taken by states under the Distribution

Order, 2026

- Designation of Nodal Officers
- Issue of Permissions for CGD Works as per timelines
- Regulating Various Fees and Charges
- Implementation of Dig & Restore
- Implementation of Dig& Pay
- Grant of Permission to Housing Areas
- Enable LPG Discontinuation Framework
- Restrictions regarding use of CGD N/w land





PNGRB Actions/Directions



20

❖ 14th Mar'26 – CGD Infra Rollout & Utilisation

- ✓ Expedite conversion of **non billed consumers** to **active PNG users**
- ✓ Reduce time taken from PNG application to supply commencement

❖ 17th Mar'26 – Waiver of Imbalance Charges

- ✓ **Waiver** of **imbalance charges for entities / shippers / consumers till 30.06.2026**

❖ 23rd Mar'26 – Expedite Connections to Hospitals/Canteens/Hostels/ Restaurants

- ✓ Entities to provide **PNG** at colleges/hostels/schools **within 5 days**





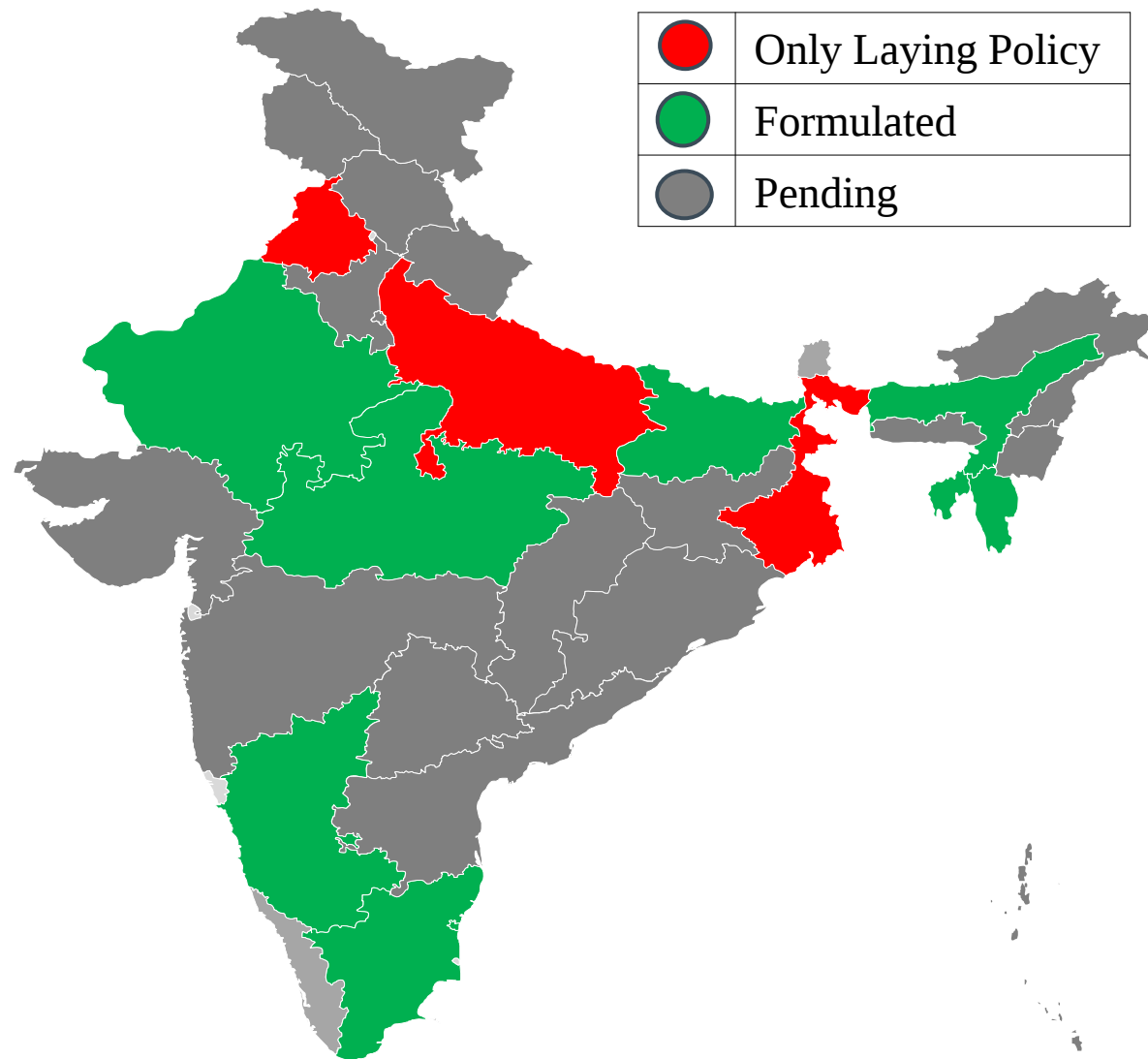
सत्यमेव जयते



States with CGD Policy

21

S. No	State	Year of Implementation
i.	Punjab (for CGD infrastructure laying)	2018
ii.	Uttar Pradesh (for CGD infrastructure laying)	
iii.	Assam	2022
iv.	Tripura	2022
v.	Karnataka	2023
vi.	West Bengal (only Laying Policy)	
vii.	Tamil Nadu	
viii	Puducherry	
ix.	Madhya Pradesh	2025
x.	Bihar	
xi.	Rajasthan	



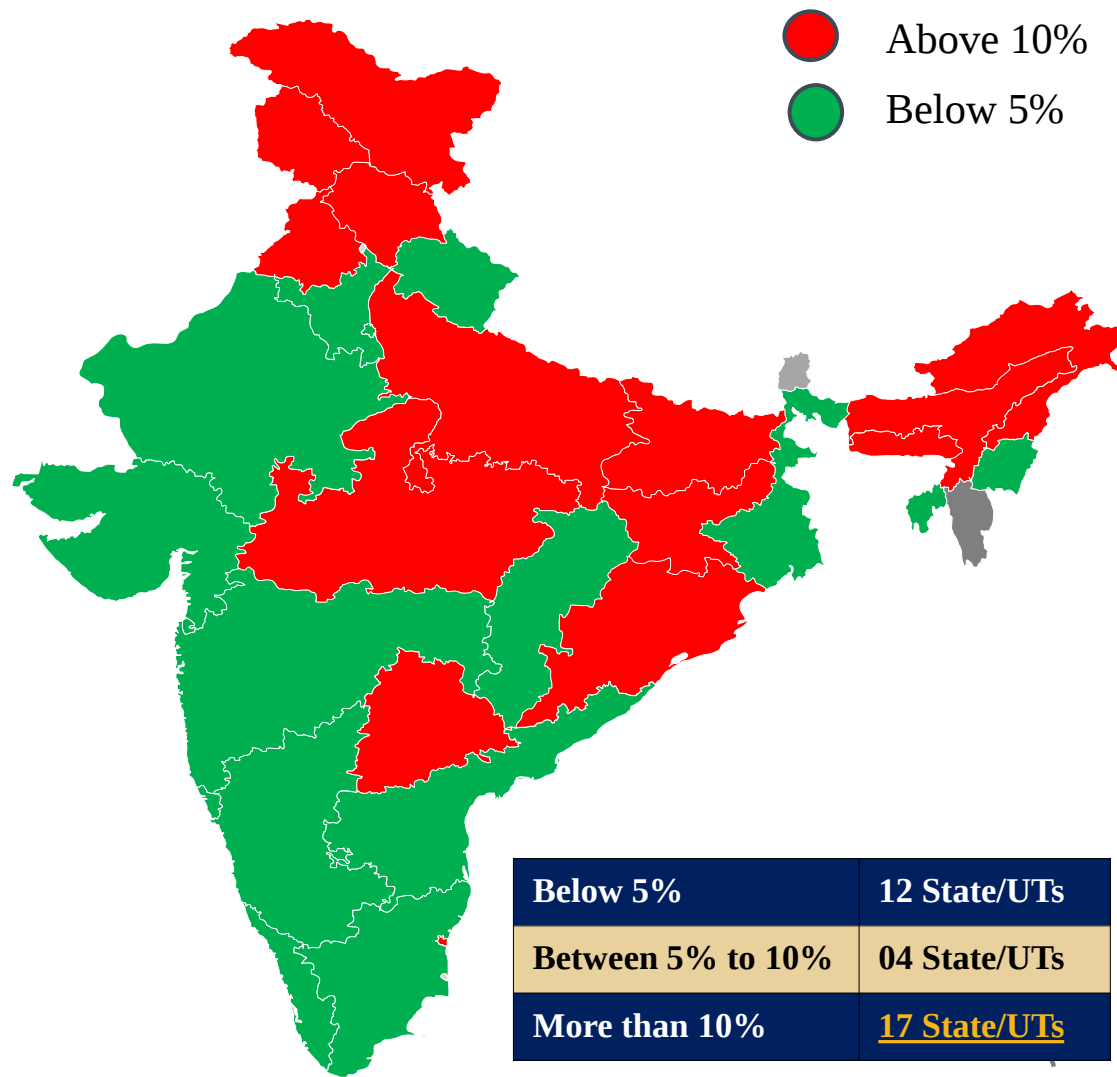


VAT Reduction In Last 3 Year



22

S. No.	State	VAT (%)		Effective Date of current VAT	
		PNG	CNG	PNG	CNG
i.	Andhra Pradesh	5	5	01-04-2024	
ii.	Assam	14.5	5	20-11-2014	18-07-2024
iii.	Bihar	12.5	12.5	03-10-2024 16-07-2025	
iv.	Dadra & Nagra Haveli & Daman & Diu	6	6	23-02-2024	
v.	Goa	4	4	15-06-2023	
vi.	Gujarat	5	5	18-10-2022	
vii.	Karnataka	5.5	5	04-11-2021	01-09-2022
viii.	Rajasthan	7.5	7.5	10-07-2024	
ix.	Chhattisgarh	5.0	5.0	23-08-2024 17-07-2025	
x.	Maharashtra	3	3	01-04-2022	
xi.	Uttarakhand	5	10	Feb 2025	





State Directives

❖ Gujarat

- ✓ Deemed permissions & **approvals within 24 hours**
- ✓ **Waiver** of road restoration charges
- ✓ **24*7 Working hours** for CGD entities
- ✓ Domestic & Commercial Consumers with PNG to surrender LPG within 10 days

❖ Madhya Pradesh

- ✓ Deemed approval via **single window system**
- ✓ **24*7 Working hours** for CGD entities
- ✓ **Self dig & restore**
- ✓ **Zero** lease / annual rent

❖ Delhi

- ✓ Road Restoration charges **waived** off till **Jun'26**
- ✓ **24*7 pipeline laying** permission

❖ Rajasthan

- ✓ Deemed permissions & **approvals within 24 hours**
- ✓ **Waiver** of road restoration charges
- ✓ **24*7 Working hours** for CGD entities

❖ Haryana

- ✓ Deemed approval **Permissions within 24 hours**





State Directives

❖ Andhra Pradesh

- ✓ Applications & approval **within 7 days** via single window
- ✓ Self restoration
- ✓ Max. BG w.r.t restoration - Rs. 10 Lakh/km
- ✓ **24*7 Working** hours for CGD entities

❖ Kerala

- ✓ **Deemed permission** for pending permission
- ✓ New permission within **24 hours**
- ✓ **Waiver of** road restoration & permission charges
- ✓ **24*7 Working hours** for CGD entities

❖ Bihar

- ✓ Deemed permission
- ✓ **24*7 Working hours for CGD entities**

❖ Karnataka

- ✓ Permissions **within 15 days**
- ✓ **Permission Charges - 1,000/km**
- ✓ Utility corridors with provisions for NG pipeline

❖ Uttar Pradesh

- ✓ **Deemed permissions & approvals** within **24 hrs**
- ✓ **Self dig & restore**
- ✓ **Waiver of** road restoration & permission charges





State Directives

❖ Maharashtra

- ✓ **Deemed permissions & approvals** within **24** hours
- ✓ Self restoration
- ✓ **Waiver of** road restoration & permission charges
- ✓ **24*7 Working** hours for CGD entities
- ✓ **Waiver of** FIRE NOC, Traffic Dept NOC
- ✓ **All working Seasons for CGD Entities**

❖ Tamil Nadu

- ✓ **Deemed permission** for pending permission
- ✓ **Self dig & restore**

❖ Odisha

- ✓ **Deemed permissions & approvals** within **24** hours
- ✓ **Waiver of** road restoration & permission charges
- ✓ Self Restoration
- ✓ **24*7 Working hours for CGD entities**
- ✓ **All working Seasons for CGD Entities**

❖ Assam

- ✓ Deemed permissions & approvals within 24 hours
- ✓ **Self Restoration through BG**
- ✓ **Waiver of** road restoration & permission charges
- ✓ **24*7 Working hours for CGD entities**



Regulations – NGPL & PPPL

PNGRB has established comprehensive regulatory frameworks governing the monitoring and compliance activities for Natural Gas Pipelines (NGPL) and Petroleum & Petroleum Products Pipelines (PPPL).

These regulations ensure operational integrity, service quality, and financial accountability across the energy infrastructure sector.



NGPL & PPPL Authorisation Regulations

NGPL – 9, PPPL - 6

Auth Regu establishes a structured framework covering Auth norms, Procedures, Monitoring Mechanism, Fin Guarantees, Capacity Management, Fin Closures, Penalties etc



Regulation 8

Performance Bank Guarantee



Regulation 10

Cap. Booking and Financial Closure



Regulation 13

Post-authorisation Monitoring
(Pre-commissioning)



Regulation 14

Service Obligations (Post-commissioning)



Regulation 16

Penalty for MWP Target Non-achievement



Regulations 5, 17, 18, 19, 20

Section 42 PNGRB Act, 2006



Grant of Authorisation

Grant of Authorisation is carried out based on following applicable Regulations

- ❑ **Regulations 5 :** Criteria for selection of entity for expression of interest route
- ❑ **Regulation 17:** Entity authorised by the Central Govt for laying, building, operating or expanding NGPL before the appointed day
- ❑ **Regulation 18:** Entity not authorised by the Central Government for laying, building, operating or expanding NGPL before the appointed day
- ❑ **Regulation 19:** Provisions relating to dedicated pipelines for transport of natural gas
- ❑ **Regulations 21:** Provisions regarding tie-in connectivity or extension of NGPL or laying of spur-lines
- ❑ **Section 42 of PNGRB Act 2006:** Power of Central Government to issue directions



Regulation 21

Provisions regarding tie-in connectivity or extension of NGPL and laying of spur-lines

Tie-in Connectivity (Gas Source/Inject. Pt)

- Preference to nearest pipeline operator
- Length limit:
 - $\leq 20\%$ of auth PL length (max 200 km)
 - Otherwise → competitive bidding
- Public consultation mandatory

Pipeline Extensions

- 10% length / 50 km (lower of two)
- Requires Board approval
- Deemed approved, if Board do not revert in 60 days
- No tariff change
- Length > 50 Kms - Auth by Bd

Spur Line

- No separate auth (if within tariff zone)
- Outside tariff zone : applicable tariff of the tariff zone from which the tap-off for the spur-line is taken
- Board approval required

Key Provisions

- Board may **invite bids** for tie-in connectivity (as per Regulation 5)
- Proposals exceeding prescribed length: To be processed under **competitive bidding provisions**

Regulation 8 & 10

❑ Regulation 8 : Performance Bond

- Requisite for issuing Grant of Authorization
- Performance bond = 1% of the project cost or ₹20 crore (whichever is less) .
- Revised after FC (regu 10) or post project completion based on project capitalized cost
- Validity: 3–5 years (till economic life), Renewal - one month before due dt

❑ Regulation 10 : Capacity booking, natural gas tie-up and financial closure

- For externally Financed Projects: FC within 120 days for NGPL and 180 days for PPPL
- For internally Financed Projects: FC within 180 days for NGPL and 120 days for PPPL
- Submissions: Board approved DFR with Financial Plan



Regulation 13

❑ Regulation 13: Post-authorisation monitoring of activities (pre-commissioning)

- Monthly, Quarterly progress report - Schedule E.
- Progress monitoring - Achievement of targets, clearances obtained, expenditure incurred, works-in-progress, Utilisation and other relevant information
- In case of any **deviations or shortfall**, advise **remedial action**
- Designated nodal officer mandatory . Change in Nodal Officer to be intimated within 7 days to PNGRB.
- Quarterly Reports Formats
 - ✓ E-1A-NGPL - Report on Natural Gas Pipelines: **Physical Parameters**
 - ✓ E-1B-NGPL - Report on Natural Gas Pipelines: **Financial Parameter**

Monthly Report Format:

- ✓ E-2-NGPL - Report on Supply of Natural Gas by Sector



Regulation 14

❑ Regulation 14 : Service obligations of authorised entity (post commissioning)

- To meet the annual target of transporting natural gas equal to the volume of natural gas quoted in the bid
- Non-fulfillment of the annual targets - default. encashment of the PBG on the following basis, namely:

Default	≤10% of annual target of transporting NG	10–50% of annual target of transporting NG	>50% annual target of transporting NG
First	10 %	20 %	25%
Second	20 %	40 %	50%
Third	(>50% annual target of transporting		

- PBG to be must be replenished within 1 week. **Failure → termination**



Regulation 16

❑ Regulation 16 : Consequences of default and termination of authorisation procedure

Process:

- Notice issued → time given to entities for compliance
- If complied within the specified period → no action
- If not → PBG encashment

Penalties

- First Default: 25% PBG
- Second Default: 50% PBG
- Third Default: 100% PBG + ***termination of authorisation of the entity***
- Additional civil penalties possible.



Regulations - CGD



City Gas Distribution Network

An **Interconnected network** of gas pipelines and the associated equipment used for **transporting natural gas** from a bulk supply high pressure transmission main **to the medium pressure distribution grid** and subsequently to the service pipes supplying natural gas to domestic, industrial or commercial premises and **CNG stations** situated in a specified geographical area



PNGRB (Authorizing Entities to Lay, Build, Operate or Expand City or Local Natural Gas Distribution Networks) Regulations, 2008

CGD - 9



Regulation 9

Performance Bond



Regulation 11

Natural Gas tie-up and Financial closure



Regulation 12

Exclusivity Period



Regulation 13

Post authorisation Monitoring of activities
(pre-commissioning)



Regulation 14

Service obligations of authorized entity
(post commissioning)



Regulations 16

Consequences of default, pre-determined
penalties and Termination



Grant of Authorisation

Grant of Authorisation is carried out based on following applicable Regulations

- ❑ **Regulations 5 :** Criteria for selection of entity for expression of interest route.
- ❑ **Regulation 17:** Entity authorized by the Central Govt for laying, building, operating or expanding CGD network before the appointed day
- ❑ **Regulation 18:** Entity not authorised by the Central Govt for laying, building, operating or expanding CGD network before the appointed day.
- ❑ **Section 42 of PNGRB Act 2006:** Power of Central Government to issue directions.



Minimum Work Program



Round	CGS	PNG	CNG	Inch –Km (Steel)	Remarks
Round 1	✓	✓	✓	✓	
Round 2 & 3	x	✓	x	✓	
Round 4 to 8	x	✓	x	✓ (Steel + MDPE)	
Round 9	x	✓	✓	✓	
Round 10	x	✓	✓	✓	
Round 11 & 11 A	x	✓	✓	✓	
Round 12 & 12 A	x	✓	✓	✓	
Section 16	x	✓	x	✓ (Steel + MDPE)	
Section 42 & 16	x	✓	x	✓ (Steel + MDPE)	
Regulation 17	x	✓	x	✓	Except Noida GA (99.20) - Steel + MDPE
Regulation 18	x	✓	x	✓	Except Gurugram GA (98.13) - Steel + MDPE

Performance Bond (Regulation 9)

❖ Performance Bond

- To ensure entities adhere to their work program
- PBG valid for 3 years
- Renewal 3 months before expiry
- Encashment 1 month before expiry

❖ Reduction in Performance Bank Guarantee

- **Reduction to 40%** : 100% achievement of work program, or expiry of exclusivity, whichever is later (applicable retrospectively to all GAs)



Performance Bond (contd)

❖ Procedure for PBG Reduction

- Request on affidavit
- Submission of Connection data
- Tele Verification : 1%, Physical verification
- Approval of the Board : Subject to fulfillment of criteria

❖ PBG reduced (7 GAs)

S. No.	Geographical Area (GA ID)	Initial PBG Value (in Crore)	Reduced PBG Value (in Crore)
1	Bengaluru Rural and Urban Districts (4.01)	5,199.992	2,079.997
2	UT of Daman (4.06)	204.36	81.744
3	North Goa District (6.07)	1,504	601.60
4	Dahej Vagra Taluka (6.05)	904	361.60
5	Rewari District (6.15)	1,052.36	420.944
6	Rohtak District GA (ID: 6.17)	713	285.20
7	Karnal District GA (ID: 8.02)	1236	494.40



Financial Closure (Regulation 11)

- CGD : **FC** within 270 days

❖ Documentations for Financial Closure

- **DFR** : Detailed cost, Financial plan & Year-wise Phasing
- **Internally financed** : Board Resolution, Commitment letter, Year-wise projected cash flow
- **Externally financed** : Sanction letter, Loan Agreement

❖ Procedure for acceptance

- Preliminary examination
- Perusal from Commercial Division
- Proposal for acceptance

Condonation of delay or cancellation of auth

- Non-submission of FC : **Hearing**
- No FC submitted post-hearing : **No action**
- Actions for no FC : Auth cancel, PBG encashment,
Auth to be re-awarded



Exclusivity Period (Regulation 12)

❖ Types of Exclusivities

- Exclusivity period from the purview of common or contract carrier (0,3, 5 & 8 years)
- Exclusivity period for laying, building or expansion of a CGD network (25 years)

❖ Regulation 12 (2)

Extension of exclusivity period:

- Flow of NG in the designated pipeline is delayed beyond three months, & is also later than the date CGD network is ready to take gas
- Force Majeure
- Timely completion of MWP targets

Readiness of CGD network

- At least one CNG Station, or
- Procurement of land for setting up City Gate Station, or
- laying of steel pipeline - **10% of the MWP target for the first year**, or
- laying of MDPE pipeline - **50% of the MWP target of steel pipeline for the first year**



Monitoring of activities (Regulation 13)

- Monthly & yearly progress report - Schedule E
- Progress monitoring - Achievement of targets, and in case of any **deviations or shortfall**, advise **remedial action**
- Schedule E (CGD Compliance reports)
 - E1 (Monthly) : PNG Connections & Sale (District Wise)
 - E2 (Monthly) : Data of CNG Stations and Sale (Kg & SCM)
 - E3 (Monthly) : Infrastructure Data (Pipeline and CGS)
 - E4 (Monthly) : Price Break-up of PNG and CNG
 - E5 (Yearly) : Financial Parameters



Force Majeure (Regulation 14)

- Relative obligation to be suspended for corresponding period
- Inform to Board - Full particulars of FM, duly certified by statutory authorities
- Inform in **Not later than 15 days from the end** of such force majeure
- If approved - Issuance of extension letter
- **179 GAs** were granted Force Majeure extensions for up to **2 years** in the year **2022 due to Covid-19**
- **FM format** – Webhosted & Entities submitting claim through new formats
- Online Submission of FM Notification and Claim



Penalty Provisions for MWP Default – Reg. 16

1st Round (19.03.2008)	2nd to 8th Round (Ist amendment - 19.07.2010)	Regulation 17, 18, Section 42 & Section 16	9th Round onwards (IInd amendment - 06.04.2018)
• 1st default - 25% of PBG • 2nd default - 50% of PBG • 3rd default - 100% of PBG & termination of authorisation	• PBG equal to % shortfall in meeting targets of inch-kms and/or D-PNG to be en-cashed • Value en-cashed to be refunded if cumulative targets achieved at the end of exclusivity period	• As per regulation existing in the year of authorization	• Rs. 750 per DPNG connection • Rs. 20 Lakh per CNG station • Rs. 1.5 Lakh for each Inch-km of steel pipeline

Penal actions

❖ Consequences of default, pre-determined penalties and termination

- Penal action for non-achievement of MWP target
- CGD - Amended **twice** since notification, i.e., on **19.07.2010 & 06.04.2018**
- Consequences & penalties of GAs vary as per **applicable regulation at the time of authorisation**
- GAs authorised under **regulation 17, 18 & section 42** - considered as per date of authorisation
- **Number of GAs on which penalty has been imposed** : **20**
- **Total Penalty imposed till date** : **INR 34.31 crore**
- **Reason for penalty - Shortfall in MWP target (D-PNG & Inch-km)**



-

Conclusion



THANK YOU



Strategic Recommendations for CGD Sector

1

Extreme Performance Disparity

Top Performers:

Gujarat Gas (95%), Torrent (94%), MGL (65%), IGL (66%)

Critical Underperformers:

HPCL (7%), BPCL (8%), IOCL (32%), GAIL India (29%)

Industry Average: Billed rate of 63% masks extreme variance

2

Systemic CAPEX Underutilization

Alarming Trend:

Average 57% budget utilization with FY25-26 ending – 7 entities below 60%

Worst Performers:

Torrent (50%), MGL (56%), GAIL Gas (55%), ATGL (53.64%)

Root Cause: Poor project execution, delayed approvals, inadequate planning

3

PNG vs CNG Imbalance

CNG Success:

145% achievement of pro-rata targets – infrastructure outpacing demand

PNG Domestic Lag:

Only 44% achievement – critical gap in household connectivity

Volume Impact: CNG at 59% of sales vs Domestic PNG at 8%

Strategic Recommendations

1 Mandate Billed Connection Reporting

Align reporting standards across all entities – minimum 60% billed rate target

2 CAPEX Acceleration Framework

Monthly monitoring with penalties for underutilization below 80%

3 PNG Promotion Incentives

Subsidies and awareness campaigns to accelerate domestic adoption

12.63 Cr

National Target PNG by 2034

56%

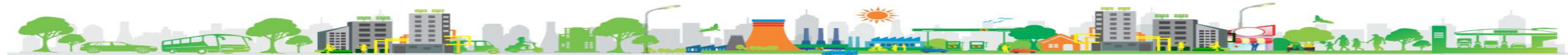
Current Gap Below pro-rata

57%

CAPEX Avg Utilization

145%

CNG Success Achievement



OUTLINE

Regulate Downstream Activities:

Regulate refining, processing, storage, transportation, distribution, marketing, and sale of petroleum, petroleum products, and natural gas (excluding production of crude oil and natural gas).



Consumer Protection & Fair Competition

Protect consumers from monopolistic practices and ensure fair trade among entities.



Technical & Safety Standards

Set, monitor, and enforce safety standards for the transportation, storage, and distribution of petroleum and natural gas to ensure public and asset safety.



Infrastructure Development & Authorization:

Authorize and monitor the development of natural gas pipelines and City Gas Distribution networks across India, aiming to expand access to CNG and PNG.



Regulation of Tariff

Determine transportation tariffs for common or contract carriers (pipelines) and CGD networks, ensuring reasonable costs and preventing excessive pricing.

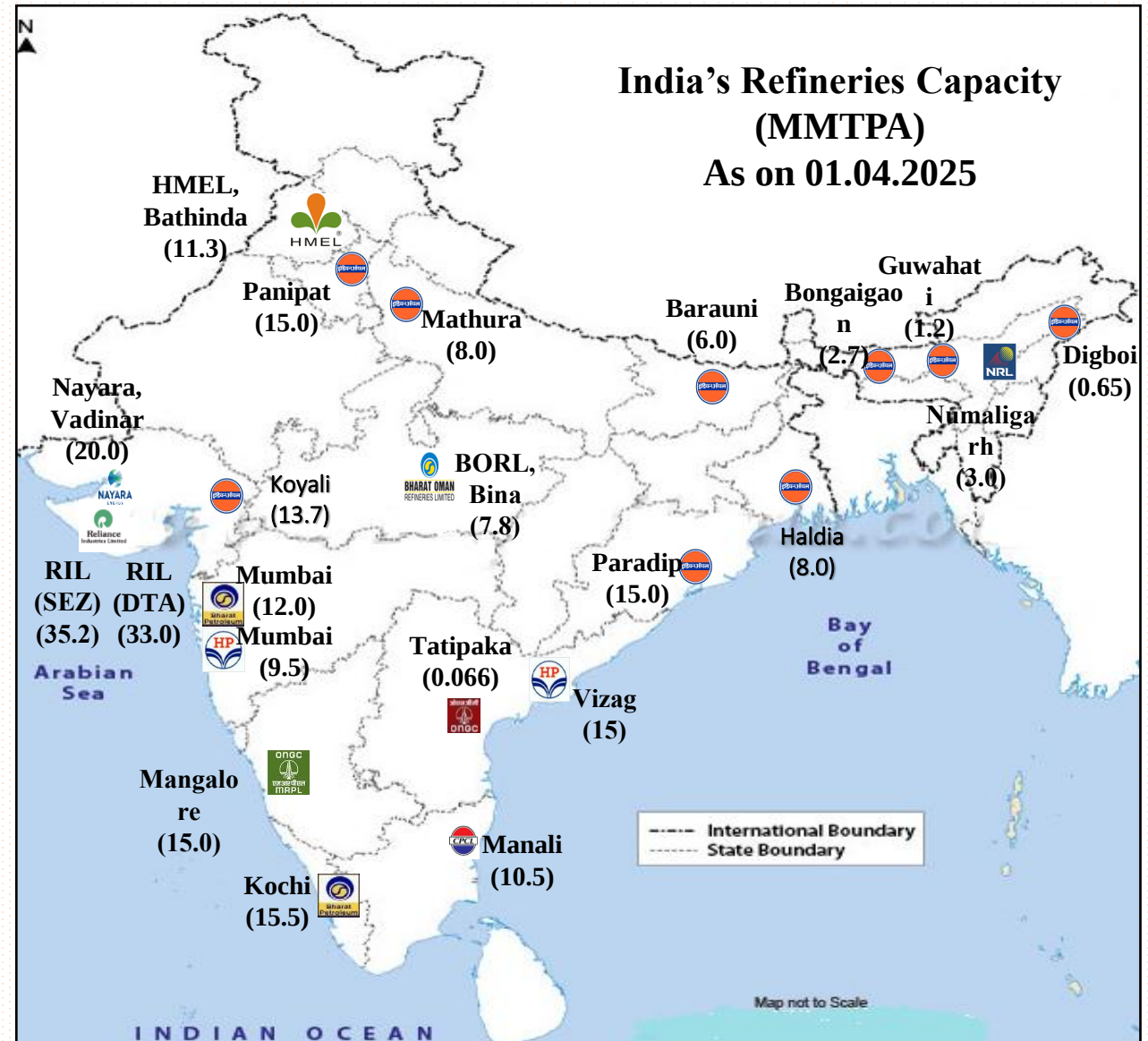
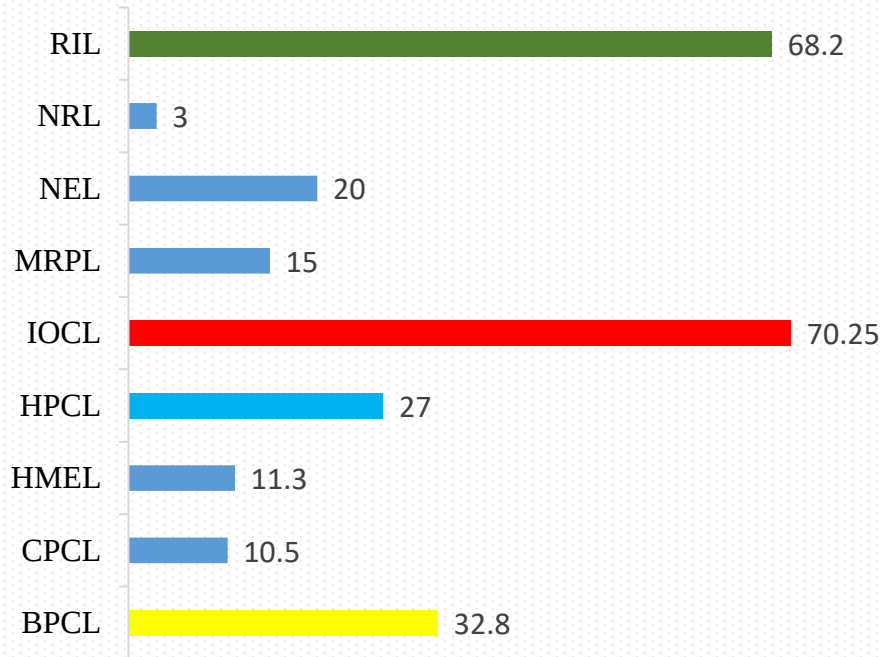


Regulation of Tariff

Determine transportation tariffs for common or contract carriers (pipelines) and CGD networks, ensuring reasonable costs and preventing excessive pricing.

Refineries

India's Refining Capacity : 258.11 MMTPA



Details of NGPL

Details		Number(s)	Total (km)
Authorized Natural Gas Pipelines	Common Carrier	37	32,702
	Tie-in connectivity	18	792
	Dedicated	44	779
	Total		34,273
Operational Natural Gas Pipelines	Common Carrier	21	15,978
	Tie-in connectivity	9	291
	Dedicated	41	653
	STPL	73	558
Partially Commissioned	Common Carrier	10	9947
	Total		25,429
Under Construction Natural Gas Pipelines	Common Carrier	6	7,301
	Tie-in connectivity	9	508
	Dedicated	3	122
	STPL	23	558
	Total		8,489

Details of PPPL

(Authorized under Regulations 5/17 of the PPPL Authorization)

Details		Number(s)	Total (km)
Authorized Petroleum Product Pipelines	Common Carrier	27	15,148
Fully Operational Petroleum Product Pipelines		16	10,029
Partially Commissioned Petroleum Product Pipelines		3	2,442
Under Construction Petroleum Product Pipelines		<u>8</u>	4,727

Round Wise					
Round	Year	No. of GAs	MWP Target		
			PNG-D Conn.	CNG Stations	Pipeline (inch-km)
Round 1	2009	6	4.40 Lakhs	30	2,605
Round 2	2013 & 14	3	9.49 Lakhs	NA	2,302
Round 3	2013, 14, & 15	6	16.51 Lakhs	NA	1.26 Lakhs
Round 4	2015	9	3.45 Lakhs	NA	10,037
Round 5	2015	8	2.99 Lakhs	NA	12,271
Round 6	2016, 18	18	2.32 Lakhs	NA	21,020
Round 7	2017	1	43,658	NA	1,800
Round 8	2018	6	1.08 Lakhs	NA	5,945
Round 9	2018, 19	86	2.21 Crore	4,603	1.16 Lakhs
Round 10	2019	50	2.03 Crore	3,578	57,177
Round 11& 11A	2022	67	7.06 Crore	9,540	1.34 Lakhs
Round 12 & 12A	2024	7	13.32 Lakhs	585	4,643
Regulation 17	2009,10,11,15,16, 19 & 23	20	48.24 Lakhs	NA	26,777
Regulation 18	2012, 13, 15 & 23	13	25.60 Lakhs	NA	14,242
Section 16	2023	1	4.04 Lakhs	NA	673
Section 42 & 16	2018	6	2.00 Lakhs	NA	10,355
Total		307	12.64 Crore	18,336	5.46 Lakh

Regulation 19



Regulation 19 : *Provisions relating to dedicated pipelines for transport of natural gas.*

Existing Dedicated Pipelines

- Entities must submit pipeline details (length, route, capacity, customers, DFR) to the Board
- Board may:
 - Web-host details for public consultation
 - Assess need for conversion to Natural Gas Pipeline (NGPL)
- Conversion may be directed **in public interest**



Regulation 19



Proposed Dedicated Pipelines

- Prior submission of pipeline details to Board (before construction)
- Board may:
 - Invite public comments
 - Evaluate if NGPL is preferable over dedicated pipeline
- Board may **advise conversion to NGPL**
- If entity proceeds despite advice:
 - Board may independently initiate NGPL bidding
- **5-year restriction** on conversion request post commissioning



Regulation 19



Conversion & Regulatory Powers

- Conversion to NGPL allowed:
 - On entity request or Board direction
- No 5-year restriction if:
 - No prior Board advice was issued
- Board retains power to:
 - Direct conversion in public interest (after consultation)
- Post-conversion:
 - NGPL regulations (Regulation 18(9)) become applicable



PBG Amount Round Wise



Round/Reg.	Amount (in Crore)	Round/Reg.	Amount (in Crore)
Round 1	1- 3	Reg. 17	3 - 33
Round 2	1.5 - 12	Reg. 18	0.5 – 5.57
Round 3	2 - 3	Round 8	12 – 1,623.12
Round 4	12 – 4,248	Round 9	3 - 50
Round 5	14 - 20	Round 10	15 - 50
Round 6	3 – 1,504	Round 11	2.75 - 50
Round 7	0 - 615.96	Round 11 A	1.5 - 50
Section 42	12 - 23.36	Round 12 & 12 A	15 - 50