



पेट्रोलियम एवं प्राकृतिक गैस विनियामक बोर्ड
Petroleum and Natural Gas Regulatory Board

CONFLUENCE 2026

Where Divisions Align, Decisions Strengthen
20-22 April 2026 | GAIL Training Institute, Noida





OUR LEADERSHIP



Dr. Anil Kumar Jain
Chairperson, PNGRB



Shri Anjani Kumar Tiwari
Member, PNGRB



Shri Jayanta Narayan Das
Member, PNGRB



Shri Anjan Kumar Mishra
Secretary, PNGRB

About PNGRB

Petroleum and Natural Gas Regulatory Board (PNGRB) was established by an Act of Parliament in 2006 by Government of India with an objective to regulate the refining, processing, storage, transportation, distribution, marketing and sale of petroleum, petroleum products and natural gas so as to protect the interests of consumers and entities engaged in specified related activities and to ensure uninterrupted and adequate supply of petroleum, petroleum products and natural gas in all parts of the country and to promote competitive markets.

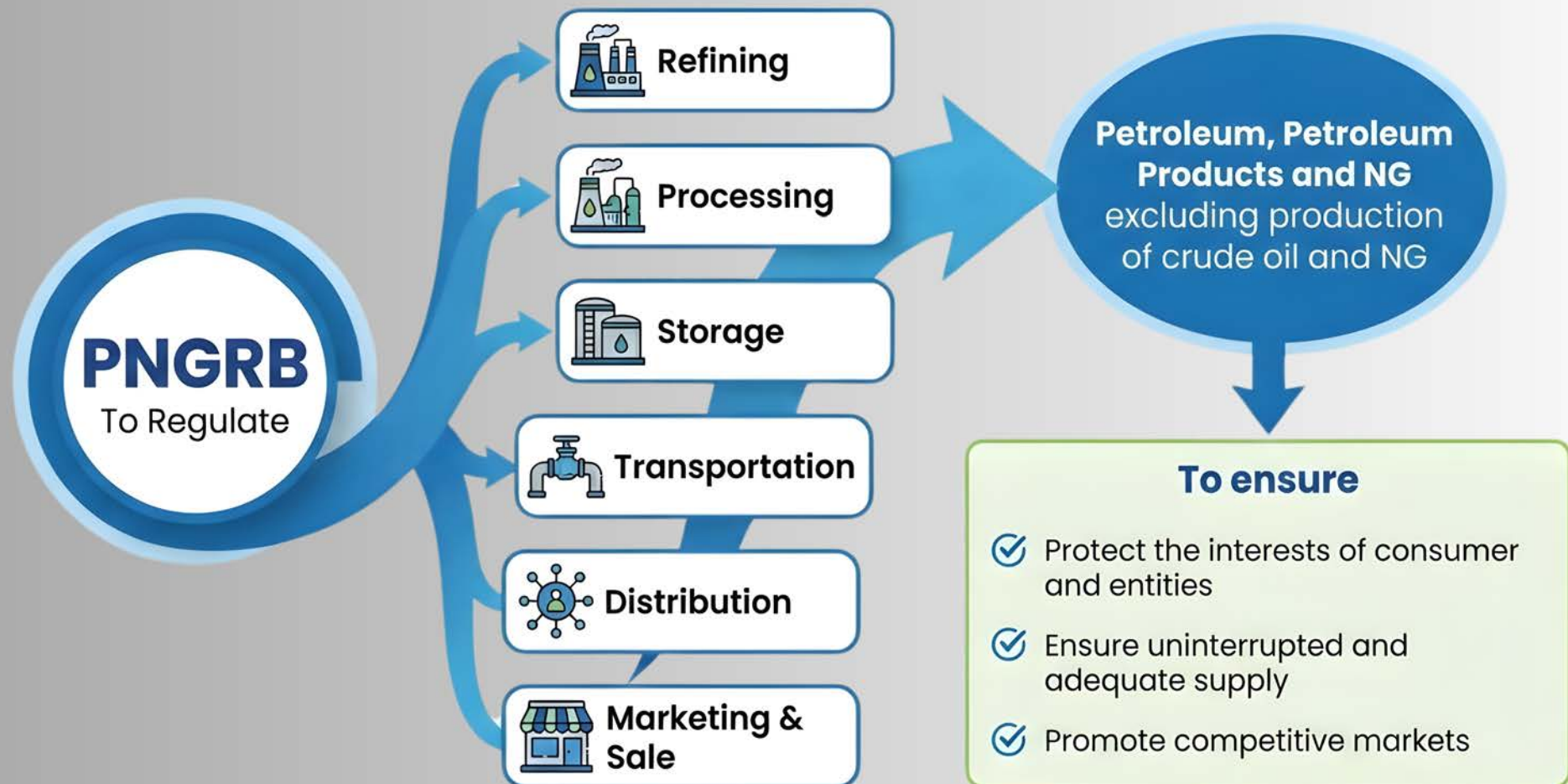
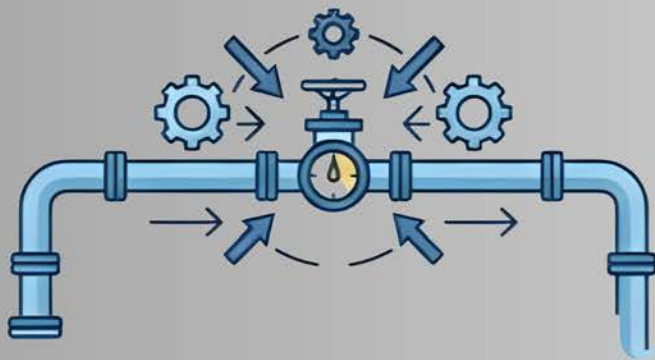


Table Of Contents

Authorisation Division	2
Technical Division	8
Monitoring Division	14
Strategic Planning Division	19
Statistics Division & Sustainability Cell	24
IT Division	29
Legal Division	33
Hydrogen Cell & CBG Cell	38
Commercial Division	46
Consumer Affairs Division	51

ABOUT PNGRB CONFLUENCE 2026

Where Divisions Align, Decisions Strengthen



Objective

To apprise senior Oil & Gas industry leadership of PNGRB's regulatory framework, key initiatives, ongoing reforms, and emerging focus areas across all Divisions.



Format

Eleven structured thematic sessions over 2.5 days, each anchored by a PNGRB Division with presentations, Q&A interaction, and delegate feedback.



Outcome

Strengthen industry-regulator dialogue, enhance understanding of regulatory processes, and foster collaborative engagement for sectoral development.



PNGRB CONFLUENCE 2026

INSTITUTIONAL COMPENDIUM

Unveiling during the inaugural session





AUTHORISATION DIVISION

From Application to Authorisation: Turning approvals into infrastructure

PNGRB's Authorisation Division sits at crossroads where policy intent is converted into physical infrastructure. It plays a central role in infrastructure creation, market development, and investment. Its work supports expansion of natural gas pipelines, petroleum product pipelines, city gas distribution networks, and LNG terminal frameworks, while also laying the foundation for competition, open access, and long-term sectoral efficiency.

WHAT THE AUTHORISATION DIVISION DOES

The division identifies infrastructure requirements through the lens of connectivity, logistics optimisation, and supply security, and evaluates EOI and suo motu proposals to address geography and supply gaps. It conducts competitive bidding, recommends proposals that meet defined impact criteria, and grants authorisation along with formal work programme commitments. The division also tracks open access transitions, supports the shift from captive to common carrier frameworks, and helps advance market development through non-discriminatory third-party access.



The division governs a layered regulatory framework including

- Authorisation Regulations
- CGD Exclusivity provisions
- Access Code Regulations
- Affiliate Code of Conduct
- CGD Guiding Principles
- LNG Terminal Registration Regulations

(Each applicable across NGPL, PPPL, CGD, and LNG segments as relevant)



CORE THEMES

01

Regulatory Transition and Statutory Role: The Authorisation Division reflects the transition from the APM-era administrative framework to a statutory regulatory system under the PNGRB Act, supporting infrastructure development, market access, and competition through transparent processes.

02

Authorisation as Infrastructure Creation: The division identifies supply and connectivity gaps, undertakes EOI / suo-motu / bidding processes, grants authorisations, and assigns work programme obligations to translate regulatory approvals into physical infrastructure.

03

Scale-Up Across Infrastructure Segments: Through its authorisation framework, the division has enabled growth across more than 34,000 km of natural gas pipelines, 307 authorised CGD geographical areas, over 15,000 km of petroleum product pipelines, and new ATF and LNG-related infrastructure.

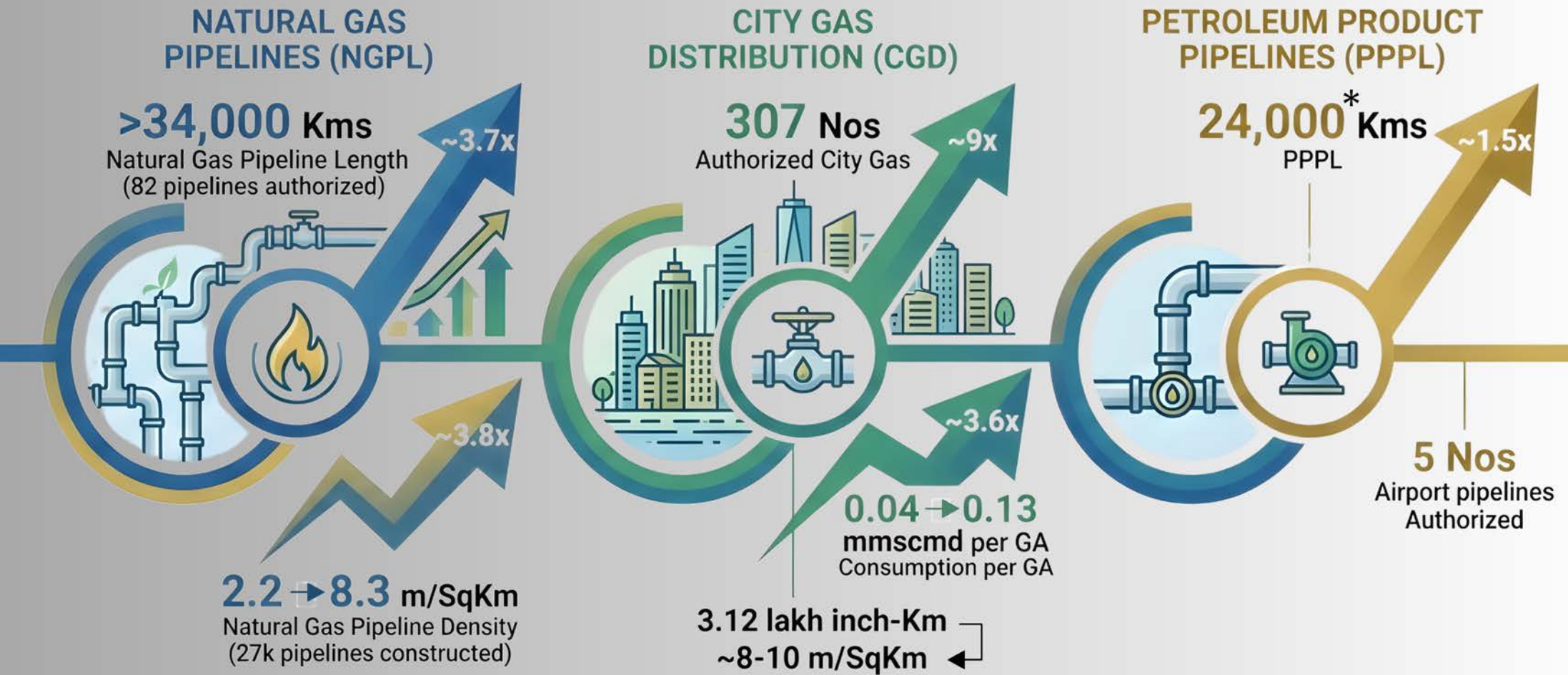
04

Access, Competition and Market Development: Through access codes, CGD exclusivity provisions, affiliate code requirements, and common-carrier transition mechanisms, the division supports non-discriminatory access and the evolution of more competitive downstream markets.

05

Next-Phase Expansion and Reform Priorities: The division's forward agenda includes completion of the gas grid, deeper CGD penetration, logistics optimisation through PPPL and ATF connectivity, LNG terminal registration, and resolution of bidding, connectivity, and participation challenges.

KEY METRICS AT A GLANCE



* Includes authorised and unauthorised pipelines



MD TANWEER AKHTER

EX-DIRECTOR (AUTHORISATION)

About

Md. Tanweer Akhter is a distinguished oil and gas professional with over three decades of experience spanning pipeline construction, operations, and regulatory leadership in India's downstream sector. He began his career with Punj Lloyd Limited, where he worked in the laying phase of pipeline projects such as the IOCL Kandla-Bathinda, BPCL Mumbai-Manmad-Bijwasan, and GAIL's GREP project. After joining GAIL (India) Limited in 1998, he handled key assignments at the Waghodia Compression Station and later at Vijaypur on the HVJ pipeline, developing strong expertise in pipeline operations, compression systems, and gas turbine management.

Since joining PNGRB in 2016, he has rendered nearly a decade of service in the Authorisation Division and has brought immense value to the Board through his deep technical understanding and practical field experience. His on-ground exposure to pipeline execution and operations has enriched PNGRB's decision-making with rare technical realism and implementation insight. At PNGRB, he has been instrumental in regulatory advancement of several landmark pipeline projects, including the Jagdishpur-Haldia-Bokaro-Dhamra, Mumbai-Nagpur-Jharsuguda, Gurdaspur-Jammu, Kochi-Kanyakumari-Thoothukudi, and Kandla-Gorakhpur corridors, along with ATF connectivity projects for major airports such as Bengaluru, Jewar, and Navi Mumbai, etc. His experience spans oil and gas spectrum—from field execution to regulatory leadership.

Qualifications

Indian School of Mines, Dhanbad

M.Tech - Maintenance Engineering and Tribology

Bhagalpur College Of Engineering

B.Tech - Mechanical Engineering

Punjab Technical Univeristy

Masters in Business Administration

MADHOOP SAH

DEPUTY DIRECTOR I/C (AUTHORISATION)

About

Madhoop Sah is an accomplished energy sector professional with over 20 years of extensive experience in the downstream Oil and Gas industry. He currently serves as Deputy Director-In-Charge (Authorisation) at the Petroleum and Natural Gas Regulatory Board (PNGRB), where he plays a key role in advancing India's gas and petroleum pipeline infrastructure and regulatory oversight. He is actively involved in the development and expansion of natural gas pipeline (NGPL), City Gas Distribution (CGD) and product pipeline networks (PPPL), including multi-product, LPG, and ATF pipelines across the country.

Prior to his current role, he has worked with leading Indian, multinational, and public sector organizations, gaining diverse experience in business development, marketing, strategic planning, and business operations. He has made notable contributions to policy and sectoral analysis, including publication of India's natural gas demand projections for 2030 and 2040.

He brings a multidimensional perspective to the downstream oil and gas sector, combining experience in infrastructure authorisation, policy analysis, monitoring, and stakeholder engagement.

Qualifications

UPES, Dehradun

Masters in Business Administration (Oil & Gas)

Kumaun University

M.Sc. - Mathematics

South Gujarat University

LLB





TECHNICAL DIVISION

Where safety, standards, and science underpin Regulation

The Technical Division anchors PNGRB's technical and safety regulation across downstream petroleum and natural gas infrastructure. In terms of clause 11(i) of the PNGRB Act, 2006, the Board lays down technical standards and specifications, including safety standards, for activities relating to petroleum, petroleum products and natural gas, including the construction and operation of pipelines and related infrastructure. Through regulations, audits, incident review, ERDMP oversight, and technical guidance, the division works to protect people, property, public safety, and the environment while strengthening operational integrity across the sector.

WHAT THE TECHNICAL DIVISION DOES

The division develops, reviews, and updates technical regulations; oversees safety, integrity, and emergency preparedness frameworks; and supports structured compliance through third-party conformity assessment, internal audits, incident reporting, and investigations. Its work spans CGD networks, NGPL, PPL, LNG facilities, LPG bottling and storage facilities, POL, refineries, gas processing plants, and retail outlets. The division also issues guidelines, SOPs, and public notices, drives capacity building and workforce training, and advances innovation, best practices, and future-readiness initiatives across the downstream oil and gas sector.



The division oversees the following regulatory architecture

- Technical Standards and Specifications including Safety Standards (T4S)
- Integrity Management System (IMS)
- Emergency Response and Disaster Management Plan (ERDMP)
- Third Party Conformity Assessment (TPCA)
- Related technical procedures and supporting regulations



CORE THEMES

01

Safety and Compliance Architecture: The division oversees a vast ecosystem of over 1.03 lakh installations, including retail outlets, pipelines, and refineries. It enforces a strict Audit Ecosystem, requiring T4S and IMS audits every 3 years and ERDMP audits every 5 years.

02

Incident Response and Root Cause Analysis: A critical function is the Incident Reporting Architecture, which mandates immediate intimation of major incidents within 4 hours. The division performs deep-dive Root Cause Analysis, noting that over 93-95% of major incidents are currently attributed to human factors, such as non-adherence to SOPs.

03

Emergency Management and ALARP Principle: Through the ERDMP framework, the division ensures entities achieve a state of readiness where risks are reduced to "As Low As Reasonably Practicable" (ALARP). This includes defining an Escalation Radius (Levels 1-3) to manage emergencies from the facility boundary to the community level.

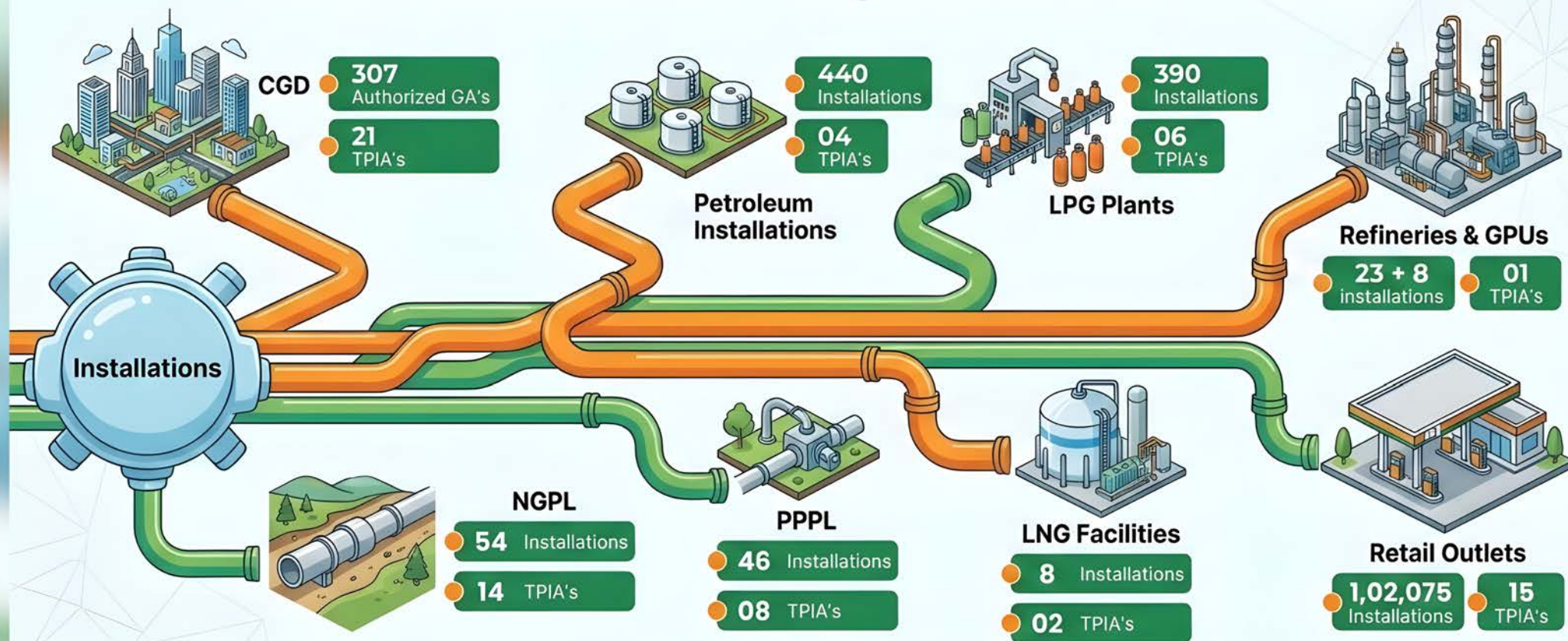
04

Audit Reforms and Systemic Resilience: The division is currently overhauling the Third-Party Auditing System by standardizing Audit Man-days, setting minimum seniority criteria for Lead Auditors, and introducing a TPIA Rating Mechanism to incentivize high-quality outcomes.

05

Future Readiness and Sustainability: Beyond traditional safety, the division is driving Energy Efficiency through initiatives like the adoption of BIS-compliant PNG Stoves and the nationwide transition to Smart Domestic PNG Meters.

Installations under Regulations of PNGRB



~ 1,03,351

Total No of Installations

664

TPIA Audits Conducted (FY 2023-24)



610

TPIA Audits Conducted (FY 2024-25)



27*

TPIA's Empaneled



*Figures as on March-2026
*These Audit numbers are for 1276 installations (excl. ROs)



PRADEEP TANWAR

DIRECTOR (TECHNICAL)

About

Pradeep Tanwar is a highly accomplished oil and gas professional with over 35 years of extensive experience across operations, maintenance, safety, and project management in the downstream petroleum sector. At PNGRB, he brings deep technical and regulatory expertise to support safety and operational oversight. His expertise spans LPG, POL, petroleum product pipelines, and city gas distribution, reflecting a comprehensive understanding of hydrocarbon logistics and infrastructure operations.

Prior to joining PNGRB, he served as General Manager – HSE (Marketing) at Hindustan Petroleum Corporation Limited, where he strengthened health, safety, and environmental frameworks across nationwide marketing operations. He also served as Additional Director at the Oil Industry Safety Directorate from 2015 to 2021, contributing significantly to the development and implementation of safety standards and industry best practices for the hydrocarbon sector. Mr. Tanwar holds multiple postgraduate qualifications in Marketing, Human Resources, and Finance, and is certified in NEBOSH Process Safety Management and ISO auditing standards.

Qualifications

Delhi College of Engineering
B.E. Electrical

Symbiosis International University
Masters in Business Administration (Marketing)

EIILIM
Masters in Business Administration (HR & Finance)

VIJAY KUMAR

ASSISTANT DIRECTOR (TECHNICAL)

About

Vijay Kumar is a seasoned oil and gas professional with over 17 years of experience in natural gas infrastructure and distribution. He currently serves as Assistant Director (Technical) at the Petroleum and Natural Gas Regulatory Board (PNGRB) on deputation from Gujarat Gas Limited. At PNGRB, he contributes to technical evaluations, standardisation initiatives, and policy formulation inputs aimed at strengthening safety, efficiency, and reliability across India's natural gas infrastructure.

He possesses significant expertise in Natural Gas Pipelines (NGPL) and City Gas Distribution (CGD), with a focus on technical compliance, regulatory frameworks, and infrastructure development. Prior to joining PNGRB, he was actively involved in project execution and operations management within Gujarat Gas Limited's mature CGD network, gaining extensive practical experience in pipeline integrity, supply reliability, and customer-oriented gas distribution systems. He brings a strong blend of field and regulatory experience to his present role.

Qualifications

IIM, Amritsar

Masters in Business Administration

UPES, Dehradun

B.E. – Petroleum Engineering





MONITORING DIVISION

From Compliance to Performance: Oversight in Action

The Monitoring Division serves as PNGRB's execution oversight arm, ensuring that authorised entities translate approvals and work programme commitments into timely infrastructure creation, service delivery, and measurable sectoral progress. Its mandate spans Natural Gas Pipelines, Petroleum Product Pipelines, and City Gas Distribution networks through systematic tracking, compliance verification, follow-up action, and enforcement support.

WHAT THE MONITORING DIVISION DOES

The division monitors performance against key obligations such as financial closure, capacity booking, physical progress, commissioning milestones, service obligations, and post-authorisation compliance. It examines periodic reports from entities, identifies shortfalls, facilitates corrective action, and reinforces accountability where delays or non-compliance arise. In the current phase of sector growth, monitoring is not limited to compliance review alone; it is also linked to PNG penetration, infrastructure utilisation, and faster consumer conversion.



The division advances oversight through the following regulatory and operational levers

- Work programme and commissioning oversight
- Financial closure and capacity review
- PNG, CNG and pipeline rollout tracking
- Delay, default and compliance follow-up
- PNG penetration and rollout acceleration
- Centre–State implementation coordination



CORE THEMES

01

Network Expansion and Delivery Oversight: Monitoring division tracks the progress of NGPL, PPPL, and CGD infrastructure to ensure that authorised assets move from approval to commissioning and actual service delivery.

02

PNG Penetration and Utilisation: The focus is increasingly shifting from infrastructure creation alone to active PNG usage, billed consumer conversion, and deeper utilisation of CGD networks.

03

National PNG Drive 2.0: A targeted push is underway to accelerate household conversion, consumer activation, and delivery performance across geographical areas, especially through focused implementation monitoring.

04

MoPNG, PNGRB and State Interventions: Directions on deemed permissions, 24x7 working, waiver or rationalisation of charges, and faster approvals are being used to remove rollout bottlenecks and improve execution speed.

05

Compliance, Enforcement and Regulatory Levers: Performance bonds, financial closure requirements, service obligations, and post-authorisation monitoring provisions enable PNGRB to move from compliance review to structured performance enforcement.

Current Scenario – CGD Network



PNG Connections

Total Target: 12.64 Cr.
Pro-Rata Target: 3.99 Cr.
Achievement: 1.67 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: 3.18 Lakh



Domestic PNG connections¹

1.67 crore



Industrial & Commercial PNG connections

70,677

Industrial : 21,645
Commercial : 49,032



CNG Stations¹

8,692



Development of City Gas Distribution till 12th bidding round



307
GAs

34
states and
UTs

100%
coverage
(except islands)



LT. COL. ABHISHEK KUMAR

DIRECTOR (MONITORING)

About

Lt. Col. Kumar Abhishek is a serving officer of the Indian Army with over two decades of distinguished service in diverse operational and administrative role. Commissioned into the Maratha Light Infantry in June 2003, he has served extensively in Jammu & Kashmir across the International Border, Line of Control, and in Counter-Insurgency operations with the Rashtriya Rifles.

In this role at PNGRB as Director (Monitoring), he is responsible for monitoring the progress of CGD, NGPL & PPPL networks across the country to ensure timely achievement of Minimum Work Programme targets, as well as advising the Board on regulatory and policy matters. He is spearheading National PNG Drive 2.0 with the aim to increase overall natural gas usage across domestic, commercial, industrial and CNG as the preferred transport fuel, increasing new connection across all segments, conversion of existing connection to billed connections, expansion of CGD network in across all District and establishment of online CNG stations. He has strengthened stakeholder coordination through state-level oil and gas infrastructure review meetings, supporting CGD policy adoption, VAT rationalisation, and enhanced natural gas uptake across states.

Qualifications

Hemvati Nandan Bahuguna University
PGDM in Military Studies and Defence Management

Patna College
B.A. (Hons) History

Rani Durgavati University
Diploma in Logistics & Supply Chain Management



STRATEGIC PLANNING

Looking Ahead: Strategy, Policy Alignment with NHIMS

The Strategic Planning Division translates PNGRB's vision into actionable strategies to establish world class regulatory regime that provides affordable and sustainable oil and gas energy to consumers through a vibrant and competitive energy market, and collaborate towards creation of a reliable infrastructure to deliver the same to consumers while ensuring highest standards of safety. Its work extends beyond immediate regulatory administration to anticipate the next phase of the sector's evolution. It focuses on deepening markets, ensuring expansion and optimal utilisation of infrastructure, and facilitating the integration of emerging fuels, and aims to strengthen the sector's efficiency, resilience, and long-term sustainability.

WHAT THE STRATEGIC PLANNING DIVISION DOES

The division undertakes long-range policies and strategic works relating to credible regulatory framework, delivery of cost-effective and environmentally responsible energy through promoting a vibrant and fair energy ecosystem, enabling strong, efficient delivery networks and upholding the highest levels of operational safety. PNGRB has taken initiative for the development of NHIMS which is a fusion of emerging ICT technologies on GIS & RS, Mobile, messaging, Geodatabase & Data Analytics.

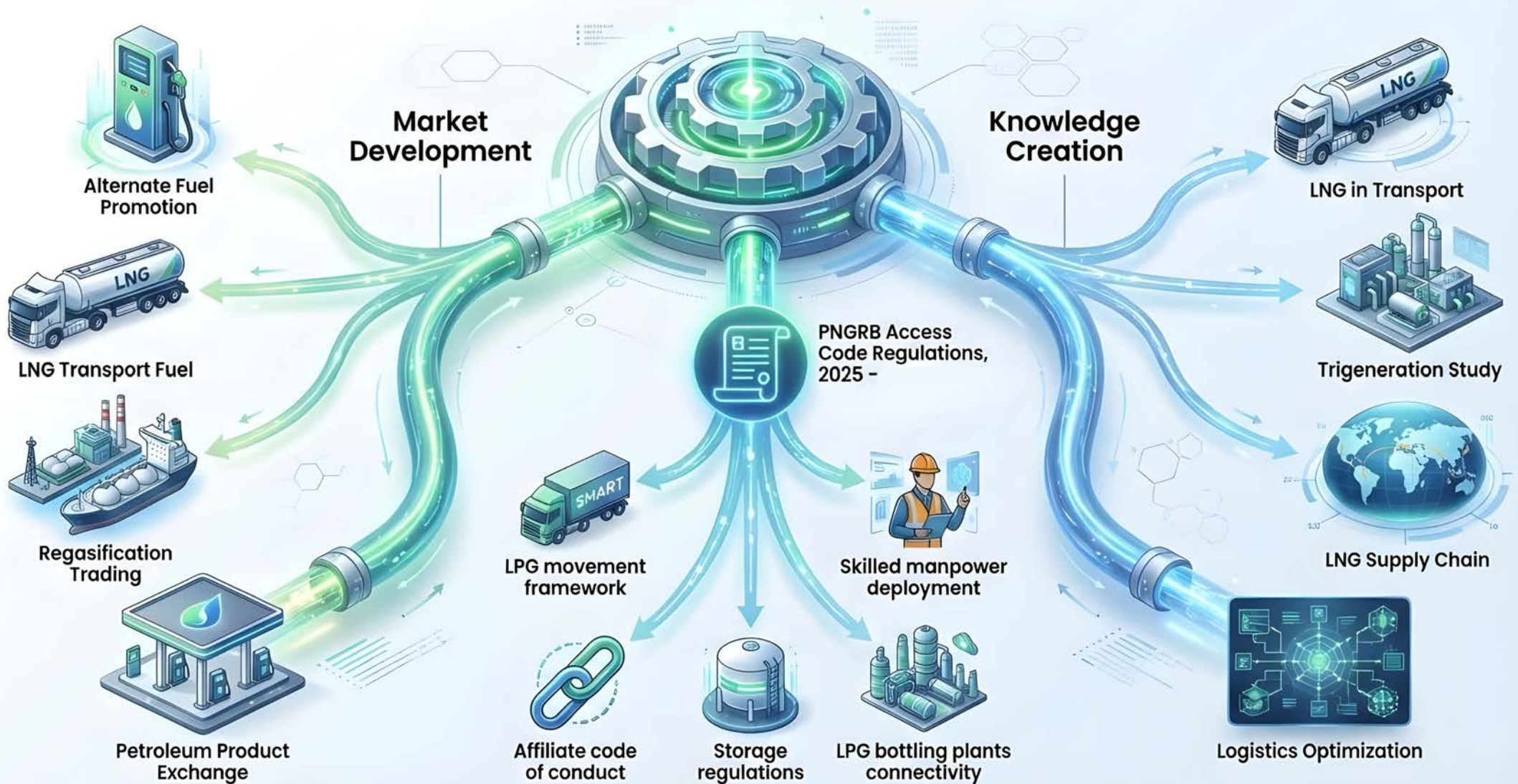


The division's work supports

- Long-term market development
- Regulatory reform and policy design
- Infrastructure and logistics optimisation
- NHIMS National Hydrocarbons Infrastructure Monitoring System
- Energy transition and alternate fuels
- Supply security and storage strategy
- Knowledge creation and strategic foresight



Strategic Planning Division at the core





ARVIND KUMAR

EXPERT ADVISOR I/C (STRATEGIC PLANNING)

About

Former Executive Director of Indian Oil Corporation Limited (IOCL), Mr. Arvind Kumar brings more than four decades of rich and diverse experience in the petroleum and natural gas sector, spanning design, project management, operations and maintenance of petroleum, petroleum products and natural gas midstream infrastructure, supply chain leadership, and regulatory governance.

With almost a decade of regulatory experience at PNGRB, he served as Additional Adviser and Head of the Authorization Division, he played a pivotal role in some of the most significant reforms and expansion initiatives in India's gas sector including 5th to 10th CGD bidding rounds, which enabled the authorization of more than 200 Geographical Areas and significantly accelerated the expansion of City Gas Distribution networks across the country. His contributions also include key roles in the setting up of the Gas Exchange, authorization and extension of the Jagdishpur–Haldia pipeline, the North East gas pipeline network, and the Kandla–Gorakhpur LPG pipeline, reflecting both strategic vision and executional depth. He is now actively engaged in setting up petroleum products exchange and enhancing efficiency in logistics of energy molecules.

Qualifications

BCE / NIT Patna
BCE – Mechanical Engineering

Indian Law Institute
P.G. Diploma in Alternate Dispute Resolution

Magadh University
L.L.B

IGNOU
Diploma in Management

VIVEK CHITALE

PRINCIPAL ADVISOR (STRATEGIC PLANNING)

About

Vivek Chitale is Principal Advisor at the Petroleum and Natural Gas Regulatory Board (PNGRB), bringing over 34 years of distinguished experience in e-Governance and information technology. Prior to joining PNGRB, he superannuated as Deputy Director General at the National Informatics Centre (NIC), Ministry of Electronics & Information Technology, Government of India. A solution architect and project manager for several large-scale national and state-level e-Governance initiatives, he has led projects from conceptualisation through delivery with a proven award-winning track record, including 14 honours—2 international and 8 national awards. He has also served as Head of the State and Head of Center of Excellence (CoE). Additionally, he has delivered several keynote addresses in various International and National Conferences.

His expertise spans geospatial systems, remote sensing, cryptography, open web technologies, machine learning, and data analytics. He has also chaired multiple technical and evaluation committees and served as Solution Architect for NHIMS.

Qualifications

Devi Ahilya Vishwavidyalaya, Indore
M.Sc. Electronics

Bhopal University
PG Diploma in Computer Science





CNG
Non stop
ke sath
Zindagi

STATISTICS

Data to Decisions: Statistics and Sustainability for the Future

The Statistics Division of PNGRB is the central architect of the Board's vision to become a data-driven regulator. The division has evolved from a simple data compilation unit into a strategic intelligence hub designed to enable evidence-based decision-making and sectoral foresight. The division essentially serves as the steward of downstream sector information, transforming raw data into "actionable intelligence" to reduce information asymmetry and increase transparency. Its primary role is to structure incoming data into usable series and period-ready outputs, providing a credible factual base for monitoring, review, and consultative processes for the government, industry, and the public.

WHAT THE STATISTICS DIVISION DOES

The Statistics division serves as a data repository for the Oil and Gas sector under Section 11(h) of the PNGRB Act. It publishes monthly MIS reports and quarterly progress reports for NGPL, PPPL, and CGD sectors, enabling transparent sectoral performance tracking across Geographical Areas to benchmark progress and identify underperforming regions. It also provides analytical and data intelligence support to other PNGRB divisions, while enhancing transparency for investors, policymakers, and researchers through reliable sectoral data dissemination.



The division's core function incorporates

- Maintaining a comprehensive Data Bank
- Publishing monthly MIS and quarterly progress reports
- Tracking "Target vs Achievement" across various (GAs)
- Providing on-demand data intelligence to other divisions



'PNGRB Statistics: The Strategic Pulse of India's Oil & Gas Sector'

'Strategic Foundation & Vision'



Statutory Mandate (PNGRB Act, 2006):

Established under Section 11(h) to maintain comprehensive databases on all petroleum and natural gas activities.



Strategic Intelligence Hub:

Transitioning from data compilation to an enabler of evidence based decision-making and sectoral foresight.



The Vision Statement:

"To establish India's most comprehensive, transparent, and actionable petroleum and natural gas data ecosystem that enables world-class regulatory excellence."



Context Summary: PNGRB Statistics Division, established under PNGRB Act 2006, is evolving from a data compilation unit into a Strategic Intelligence Hub, driving evidence based regulation, trend forecasting, and market transparency across India's CGD, NGPL, and PPPL sectors, bridging academia, industry, and international partners.

Publications



Monthly MIS & Bulletins:

Regular reports provide targeted achievement visibility and benchmarking for CGD, NGPL, and PPPL sectors.



Quarterly Progress Reports:

Focus on implementation narratives and milestone reviews for long-term trend interpretation.

Strategic Roadmap (2025 & Beyond)



Short-Term (2025-26):

Foundational Studies: Focuses on notifying Data Bank Regulations and implementing LPG logistics optimization.



Medium-Term (2026-07):

Integration: Integrating divisional modules (Auth., Mon., Comm.) into an advanced analytics platform.



Long-Term (Beyond 2027):

Productive Modeling: Deployment of real-time monitoring systems and an 'Open Data' Initiative for public access.

Stakeholder Value Proposition



For Investors & Entities:

Reduces information asymmetry and provides official benchmarks for capital expenditure planning.



For Consumers & Public:

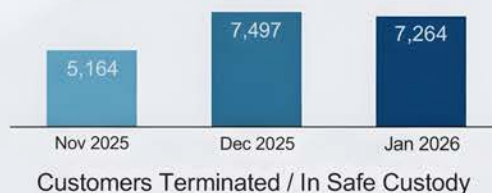
Increases transparency regarding service quality, network expansion, and fuel transition pathways.



For Researchers & Academia:

Offers structured, official inputs for market analysis, reducing dependence on fragmented unofficial sources.

LPG-to-PNG Transition Impact (2025-26)



Excellence & Collaboration



PNGRB Excellence Awards:

Uses data to drive competition and recognize operational excellence, safety, and sustainability in the gas sector.



Academic Partnerships:

Collaborating with ISI and IIT to bring fresh talent and statistical rigor to energy regulatory research.



International Synergy:

Active engagement and MoUs with bodies like IEA and TERI to align outputs with global sector realities.



Primary Navigation Path (PNGRB Website):
Home > Data Bank > Latest PDF

SUSTAINABILITY CELL

REGULATORY READINESS & WAY FORWARD

The Sustainability Cell has been created to help PNGRB bring sustainability into the core of sectoral regulation. As India's oil and gas infrastructure expands, the focus can no longer remain limited to affordability, access, and operational reliability alone. Emissions, efficiency, resilience, and preparedness for cleaner fuels are now becoming equally important to how the sector is planned, monitored, and improved.

Against this backdrop, the Cell functions as a platform for developing practical sustainability tools for the regulated midstream and downstream ecosystem. Its work spans methane and leak management, loss reduction, energy efficiency, carbon-intensity thinking, benchmarking, data frameworks, and sector-wide knowledge sharing. It is also intended to support future-facing regulatory thinking by linking field-level evidence, case studies, and performance metrics with the broader transition toward low-carbon infrastructure and cleaner fuel pathways. In that sense, the Cell is not only about reporting sustainability; it is about making sustainability operational.





MANEESH DAVID SINGH

DIRECTOR (STATISTICS) & OIC SUSTAINABILITY CELL

About

A seasoned technocrat with 35+ years of extensive experience in the Oil & Gas sector, Maneesh David Singh currently serves as Director, Consumer Affairs and OIC Sustainability Cell at the PNGRB. He has previously held the portfolios of Director, Statistics Division and Authorisation Division at the Board. He carries the unique distinction of establishing PNGRB's Statistics Division and instituting the Board's coveted Excellence Awards in the Gas Sector, while spearheading the collation and replication of sustainability best practices across the Indian O&G sector.

He leads PNGRB's Sustainability Cell, driving initiatives on methane benchmarking, emissions analytics, compressor electrification, and ESG-linked regulatory integration, and oversees consumer protection frameworks, grievance redressal, and regulatory outreach across the natural gas value chain. Prior to PNGRB, at BPCL, he headed the Gas Strategy Dept., led LNG sourcing & contract negotiations, and spearheaded R&D milestones — including developing India's highly efficient domestic LPG burner and commissioning BPCL's first 1.05 MWp solar plant. He has represented India at CERAWeek 2026, Houston, with international exposure across 9 countries — USA, Japan, Malaysia, Thailand, Singapore, UAE, Italy, Netherlands, & Kuwait. A published researcher in combustion and alternative fuels, he holds a Net Zero Certified Practitioner certification.

Qualifications

Indian Institute of Technology, Delhi
M.Tech – Energy Studies

National Institute Of Technology, Surat
B.Tech – Mechanical Engineering

Institute Of Management Studies, Ghaziabad
Masters in Business Administration

GHAN SHYAM

PRINCIPAL ADVISOR (STRATEGIC PLANNING)

About

A senior Indian Statistical Service officer of the 1992 batch, he brings over three decades of distinguished experience across India's National Statistical System. He retired from the Ministry of Statistics & Programme Implementation (MoSPI) in July 2024 as Additional Director General and is presently serving as Principal Advisor at the Petroleum and Natural Gas Regulatory Board (PNGRB).

During his career, he held important positions across several central ministries and departments, including the Directorate of Data Management in the Department of Revenue, Ministry of Finance; the Department of Chemicals & Petrochemicals; and the Central Bureau of Health Intelligence under the Ministry of Health & Family Welfare. He also made significant contributions to the Central Statistics Office (CSO) and National Sample Survey Office (NSSO), MoSPI. He possesses deep expertise in statistical systems, data governance, and policy-oriented analytics. His early field experience as Regional Head overseeing sample survey operations in Assam further strengthened his practical understanding of data systems. He continues to support evidence-based decision-making and data-driven regulatory development at PNGRB.

Qualifications

Garhwal University
M.A. (Maths)

Delhi University
LLB

IGNOU
M.A. (Gender & Development Studies)



IT DIVISION

Digital PNGRB: Enabling Regulation through Technology

The IT Division of the Petroleum and Natural Gas Regulatory Board (PNGRB) serves as a primary enabler for the sector by leveraging digital infrastructure to enhance transparency, compliance, and safety across all downstream operations. Its core function is to power the board's regulatory mandate by building and managing a secure, scalable, and integrated digital ecosystem that improves operational efficiency and stakeholder engagement.

WHAT THE IT DIVISION DOES

This function is categorized into four primary areas: an Engagement Layer that manages entity-facing services through the e-Portal and consumer grievances via the Integrated Grievance Management System (IGMS); Regulatory Workflows that digitize safety reporting, technical standards (T4S), and legal e-filing; Data & Intelligence which utilizes the National Hydrocarbon Monitoring Centre (NHIMS) for centralized infrastructure oversight and advanced analytics for strategic planning; smooth workflows and secure network infrastructure through NICNET, Cybersecurity and paperless initiatives.



Key IT Initiatives

- Application for entities and consumers
- Technical Compliance
- Network Infrastructure
- Cybersecurity
- Capability Building in AI & Analytics
- Strategic Communication



IT INITIATIVES

DIGITAL PLATFORMS (ENGAGEMENT LAYER)



ePORTAL
(Entity Services)

**INTEGRATED GRIEVANCE
MANAGEMENT SYSTEM (IGMS)**



REGULATORY WORKFLOWS



**DIGITIZED SAFETY &
COMPLIANCE (T4S/IMS)**

e-COURT
(Legal e-Filing)



DATA & INTELLIGENCE



NHIMS MONITORING CENTRE
(Video Wall at HQ)

STATISTICS & ANALYTICS
TARIFF & CAPACITY PLANNING



CORE IT ENABLEMENT



SECURE INFRASTRUCTURE
(NICNET)

CYBERSECURITY STANDARDS

PAPERLESS INITIATIVES
(e-Office)



KEY ACHIEVEMENTS & FUTURE ROADMAP

ENHANCED
TRANSPARENCY &

STREAMLINED
OPERATIONS

DATA-DRIVEN
DECISIONS

AI ADOPTION FOR
REGULATIONS

ANALYTICS

SECTOR-WIDE
DATA STANDARD



VIKAS SHARMA

DEPUTY DIRECTOR I/C (IT)

About

Vikas Sharma is Deputy Director In-Charge of IT Division at PNGRB, driving digital transformation, cybersecurity, and the development of robust, future-ready technology systems to support regulatory excellence.

He brings around 24 years of rich experience in the oil and gas sector, including key roles at GAIL (India) Limited, where he served as DGM (BIS) prior to joining PNGRB in May 2024. His expertise spans cybersecurity, digital strategy, enterprise IT systems, software development, data centre management, and SAP implementation. At PNGRB, he has been instrumental in initiatives such as the implementation of cloud-based eOffice systems, establishment of a modern data centre and network, and the National Monitoring Centre for NHIMS, significantly strengthening the Board's digital and data capabilities.

Mr. Sharma holds an MBA and a B.Tech degree and has further enhanced his leadership capabilities through executive programmes at IIM Lucknow and IIM Calcutta, along with a PGDBA from Symbiosis.

Qualifications

Birla Institute of Technology And Science, Pilani
Masters in Business Administration
(Business Analytics)

National Institute of Technology, Hamirpur
B.Tech – Computer Science

SUJIT SAGAR KERKETTA

CONSULTANT (IT)

About

Sujit Sagar Kerketta is an IT and Infrastructure Specialist with 9+ years of experience, specializing in networking and data center management. Mr Kerketta possesses strong expertise in building scalable web applications and managing enterprise-level IT infrastructure including servers, networks, and cloud platforms. He has successfully delivered secure, high-performance, and reliable IT solutions, handling end-to-end project execution from development to deployment and infrastructure management.

At PNGRB, Mr. Kerketta is focusing on integrated IT solutions, optimizing system performance, and enabling business growth through technology.



GARIMA MALHOTRA

CONSULTANT (PR & SM)

About

Seasoned PR and Social Media Consultant with 15+ years of experience across government, public sector, and development domains, Garima Malhotra specialises in strategic communications, digital engagement, and editorial leadership. Currently advising the Petroleum & Natural Gas Regulatory Board, she drives high-impact media outreach, stakeholder engagement, and brand positioning initiatives.

With a strong foundation in content strategy, policy communication, and campaign execution, she has consistently delivered compelling narratives that influence perception and enhance visibility. Her cross-sector expertise spans energy, agriculture, and education, underpinned by a data-driven and results-oriented approach to communication.



LEGAL DIVISION

Regulation, Interpretation and Enforcement: The Legal Backbone

The Legal Division operates at the intersection of legislation, adjudication, and regulation. Its work supports PNGRB in exercising its statutory powers across the downstream petroleum and natural gas sector, including regulation-making, quasi-judicial decision-making, dispute resolution, and legal defence of Board actions before appellate and constitutional courts. In this sense, the division helps convert the PNGRB Act, 2006 from a legislative framework into a functioning regulatory system.

WHAT THE LEGAL DIVISION DOES

The division supports the Board in framing regulations, defending and prosecuting matters arising from PNGRB's quasi-judicial and regulatory decisions, and handling litigation across the full legal hierarchy, from proceedings before the Board, to appeals before APTEL, writ proceedings before High Courts, and further challenges before the Hon'ble Supreme Court of India. It also assists in matters relating to statutory interpretation, adjudication of disputes, enforcement of obligations, and ensuring that PNGRB's regulatory actions remain legally robust and institutionally credible.

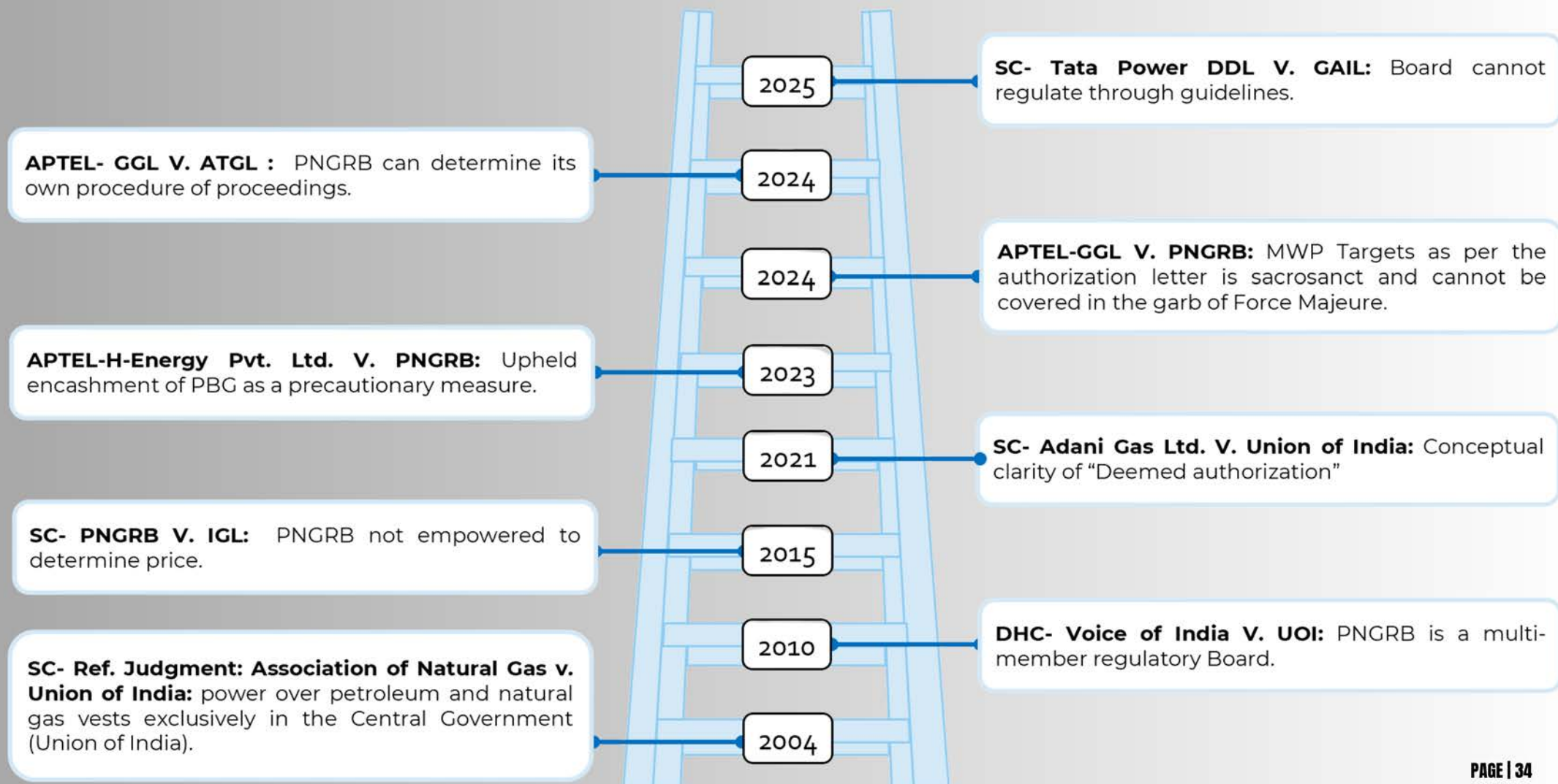


The division supports PNGRB across three core legal functions

- Legislative — framing and vetting regulations
- Adjudicatory — dispute resolution and quasi-judicial proceedings
- Regulatory — legal support for enforcement, compliance, and Board decisions



JUDGEMENTS THROUGHOUT THE JOURNEY





NISHANT PARASHAR

DEPUTY DIRECTOR I/C (LEGAL)

About

Mr. Nishant Parashar, Deputy Director & Head (Legal) at the Petroleum and Natural Gas Regulatory Board, is a qualified law graduate with postgraduate degrees in Law (L.L.M.) and Management (MBA). He possesses significant expertise in litigation management, legal drafting, and regulatory advisory, with a strong focus on delivering effective legal and regulatory solutions.

SUYASH GAUR

DEPUTY CONSULTANT (LEGAL)

About

Mr. Suyash Gaur is currently serving as Deputy Consultant in the Legal Division of the Petroleum and Natural Gas Regulatory Board (PNGRB). He is a legal professional with around six years of experience in regulatory and litigation matters.

During the past three years at PNGRB, he has been actively involved in handling and supporting litigation, examining legal issues, interpreting applicable laws and regulations, and providing practical legal advice to aid decision-making. He has also assisted in quasi-judicial proceedings and worked closely with the Registry to ensure procedural efficiency and compliance with the regulatory framework. With experience in both litigation and legal advisory work, Mr. Gaur has contributed meaningfully to the legal functioning of the organization. He is a committed and dependable professional in the regulatory domain.





MoU for Hydrogen exchanged between PNGRB and DVGW

in presence of Hon'ble Prime Minister of India, Shri Narendra Modi & Hon'ble German Chancellor, Mr. Friedrich Merz

HYDROGEN CELL

REGULATORY READINESS & WAY FORWARD

PNGRB's present work on hydrogen is focused on regulatory readiness for transportation through pipelines and blending with natural gas. While PNGRB does not currently have an explicit statutory mandate over hydrogen under the PNGRB Act, 2006, it has proposed that hydrogen transportation and blending be brought within the Act for statutory clarity. Clause 6.4 of the National Green Hydrogen Mission further provides that MoPNG will facilitate uptake of green hydrogen in refineries and CGD networks and enable development of regulations through PNGRB.

Accordingly, PNGRB's hydrogen efforts are centred on three institutional pillars of regulatory readiness. First, the Hydrogen Transportation & Blending Roadmap provides the phased strategic blueprint for blending, testbed development, standards formation, and future dedicated hydrogen corridors. Second, the international collaborations with institutions like DVGW (Germany), IGEM (UK), SGN (UK) brings access to advanced global learning on hydrogen-ready standards, testing, certification, and network transition. Third, the Scientific Advisory Committee has been constituted as an execution-focused technical forum to guide India-specific standards, pilot evaluation, testbed oversight, and safety protocols. Taken together, these efforts are shaping the technical and regulatory foundation for India's future hydrogen transport ecosystem.

PNGRB ROADMAP ON HYDROGEN TRANSPORTATION THROUGH PIPELINES AND BLENDING WITH NATURAL GAS

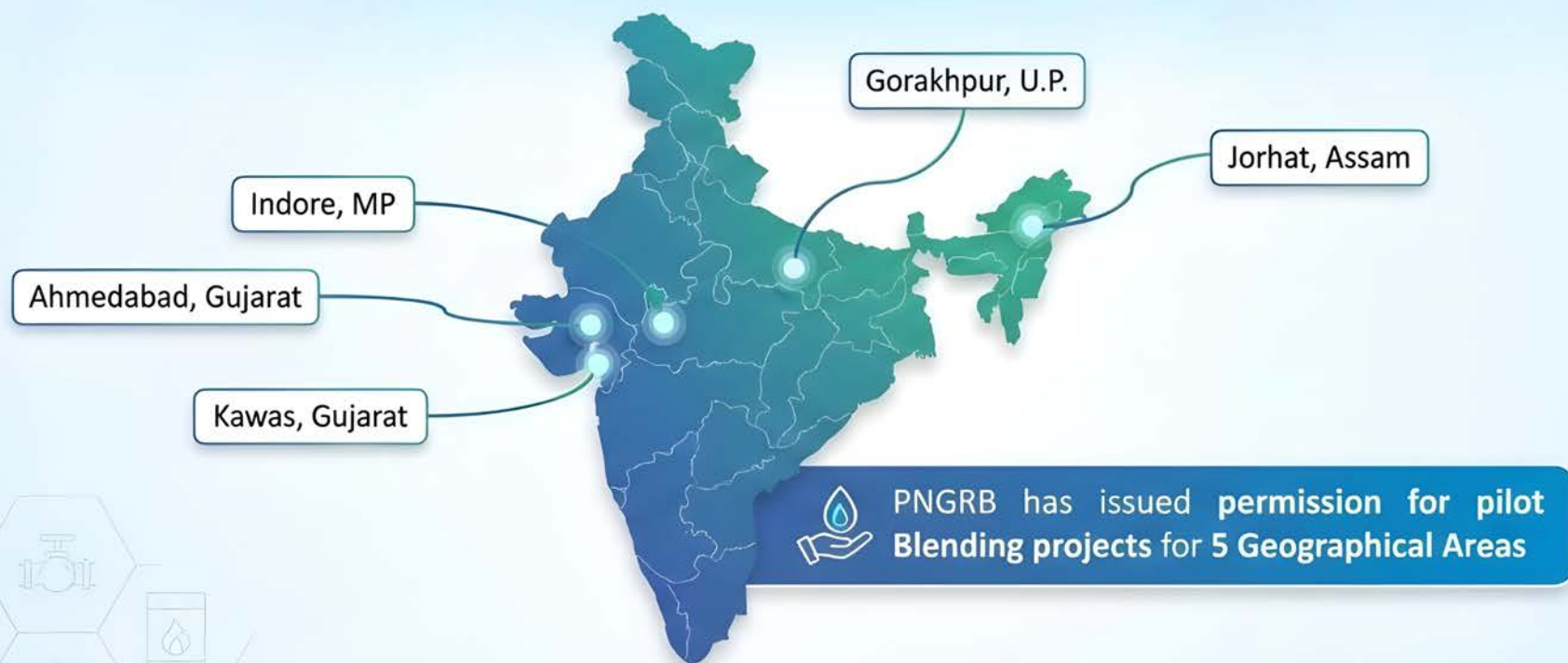
SEPTEMBER 2025



NGHM CLAUSE 6.4

MoPNG will facilitate uptake of Green Hydrogen in refineries and City Gas Distribution through both Public Sector Entities and private sector. MoPNG will also enable development and facilitation of regulations through the **Petroleum and Natural Gas Regulatory Board (PNGRB)**. New refineries and CGD projects will be planned and designed to be compatible with maximum possible Green Hydrogen deployment.

INDIA'S FIRST HYDROGEN BLENDING PILOTS



SOME KEY PARAMETERS UNDER ASSESSMENT



MDPE & Steel
Pipeline Behaviour



Stratification
Characteristics



Leakage
Profiles



Metering
Impacts



Consumer-End
Performance

PNGRB'S HYDROGEN JOURNEY



Hydrogen Blending Pilots

5 pilots across MP, Gujarat, Assam & UP (2–8% blending). Testing MDPE & steel pipelines, stratification, metering, leakage & consumer-end performance.



Dedicated Hydrogen Cell

Established within PNGRB to lead regulatory development, standards alignment & coordination with Ministries, PSUs, and international organizations.



National Hydrogen Roadmap

India's first Hydrogen Transportation Roadmap with phased strategy (2025–2033) for blending and future pure hydrogen transportation.



Collaborations

MoU with DVGW (Germany); collaborations with SGN and IGEM, visits to DNV Spadeadam (UK); engagement with IITs, GERMI-Gujarat & IOCL.



Statutory Amendments

PNGRB has proposed amendments to the PNGRB Act, 2006 to explicitly include hydrogen transportation through pipelines & blending within its regulatory mandate.



National Hydrogen Safety Panel

PNGRB representative serves on the National Hydrogen Safety Panel (NHSP) under NGHM.



CBG CELL

REGULATORY READINESS & WAY FORWARD

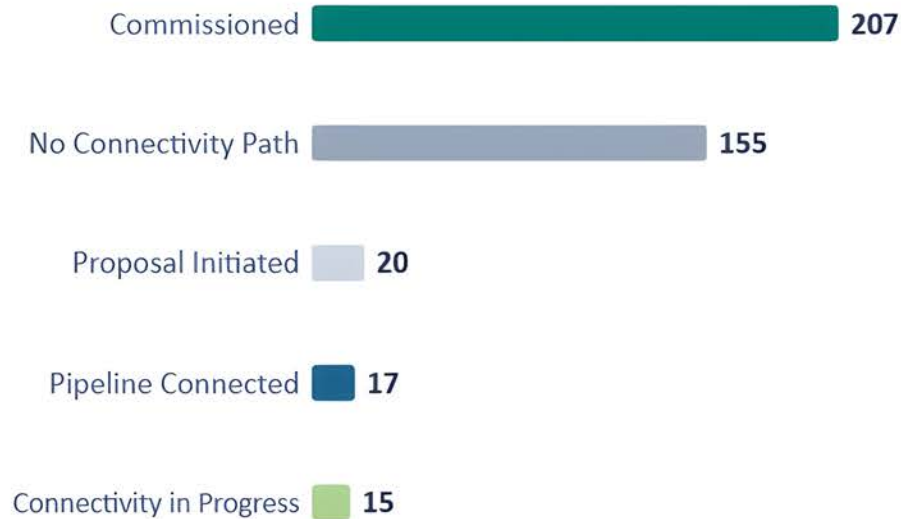
The CBG Cell at PNGRB serves as the Board's nodal unit for facilitating regulatory, technical, and policy integration of Compressed Biogas (CBG) into India's natural gas ecosystem. Its core mandate is to create an enabling framework for seamless blending, transportation, offtake, and market development of CBG within the City Gas Distribution (CGD) and broader gas infrastructure network. Recognising CBG as a critical pillar of India's energy transition, the Cell works to bridge the gap between production growth and infrastructure readiness.

PNGRB's CBG Cell has led several strategic initiatives to strengthen the ecosystem. These include development of the Renewable Gas Certification Framework to ensure traceability and authenticity of CBG, engagement with BIS for revision of biomethane quality specifications under IS 16087:2025, extension and strengthening of the CBG-CGD Synchronization Scheme up to 2047, and issuance of guidelines for biogas/biomethane injection into CGD networks. The Cell has also supported fiscal and policy interventions, including GST rationalisation on CBG equipment and revisions to the DPI Scheme for cluster-based incentives and inclusion of NGPL connectivity.

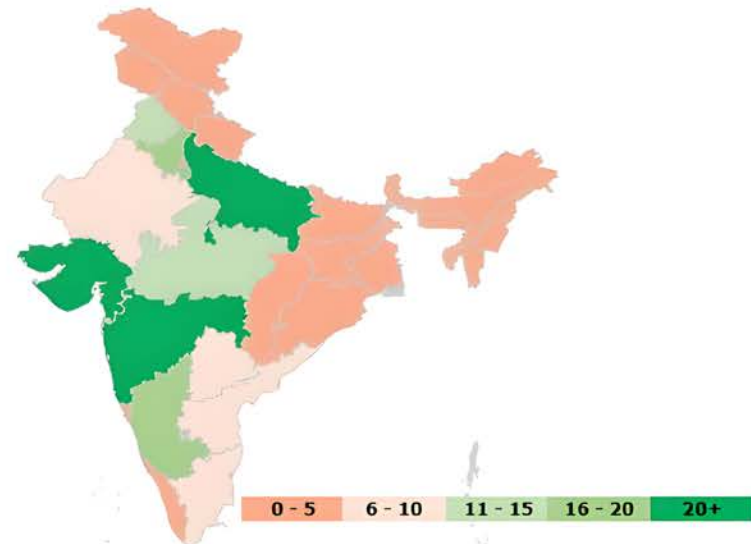
CBG Market Overview | Infrastructure Readiness

Only 17 of 207 commissioned plants are pipeline-connected; infrastructure readiness is the critical gap

Pipeline Connectivity Breakdown (in Nos)



Plants Commissioned by States/UTs



As per latest data published on <https://gobardhan.eil.co.in/> on 15/04/2026

1,752

Registered Plants

207

Commissioned

328

In-Progress

1,217

Yet to Start
Construction

245

Districts Covered

As per latest data published on <https://gobardhan.eil.co.in/> on 15/04/2026



MUKTIKAM PHUKAN

DIRECTOR (ADMIN/COORDINATION) & OIC HYDROGEN CELL

About

Muktikam Phukan is a highly accomplished chemical engineer and energy sector professional with over three decades of experience spanning process operations, oil and gas safety, energy efficiency, upstream exploration, joint venture management, and regulatory leadership. Currently serving as Director (Admin & Coordination) and Officer-in-Charge of the Hydrogen Cell at PNGRB, he is leading the development of India's hydrogen regulatory and safety ecosystem in alignment with the National Green Hydrogen Mission. He is also a member of the National Hydrogen Safety Panel formed under the NGHM.

Before his present role, he served as Director (Technical) at PNGRB, where he oversaw technical and safety-related regulatory functions for the downstream oil and gas sector and played a key role in advancing national safety frameworks. Prior to this, he built extensive field and operational experience at Oil India Limited, including work in natural gas processing and LPG operations, where he was closely involved in process engineering, safety audits, and the handling of volatile hydrocarbons. He also served for eight years with PCRA under the MoPNG, leading over 100 energy audits across major industrial sectors. With this strong field grounding and broad regulatory experience, he brings exceptional technical credibility, practical insight, and policy vision to India's evolving energy landscape.

Qualifications

Assam Engineering College
B.E. – Chemical Engineering

Certified Energy Auditor and Energy Manager
BEE, Government of India

ANIL KUMAR GARG

EXPERT ADVISOR & OIC CBG CELL

About

Anil Kumar Garg brings over 38 years of extensive experience spanning the entire oil and gas value chain. He has held senior leadership roles at Petroleum and Natural Gas Regulatory Board, GAIL (India) Limited and Bharat Petroleum Corporation Limited where he played a pivotal role in shaping large-scale infrastructure development, operational excellence and regulatory strengthening in India's downstream petroleum and natural gas sector.

Mr. Garg has successfully steered complex greenfield projects, led strategic procurement and LPG operations, driven hydrocarbon marketing initiatives and overseen LPG pipeline transmission networks across diverse geographies. During his tenure at PNGRB, he headed the Technical Division and was instrumental in formulating regulatory frameworks, technical standards and safety guidelines that enhanced transparency, safety and efficiency in the sector. Currently, he leads the Compressed Biogas (CBG) Cell at PNGRB, where he is actively advancing policy innovation, ecosystem integration and regulatory alignment to facilitate seamless integration of CBG into India's expanding natural gas infrastructure, supporting the nation's clean energy transition and sustainable growth agenda.

Qualifications

MBM Engg. College, Jodhpur University
B.E. – Mechanical Engineering

IGNOU
Masters in Business Administration





COMMERCIAL DIVISION

Markets, Tariffs and Access: Shaping a Competitive Gas Economy

The Commercial Division at PNGRB is responsible for managing the Board's commercial, tariff, and financial regulatory functions across the petroleum and natural gas sector. It assists the Board in determination, review, and regulation of transportation tariffs for Natural Gas Pipelines (NGPL), Petroleum and Petroleum Product Pipelines (PPPL), and transportation rates for City Gas Distribution (CGD), in accordance with notified tariff regulations. The Division also monitors compliance with tariff orders, administers levy and collection of fees and charges from regulated entities, and oversees financial governance of Board-administered funds.

WHAT THE COMMERCIAL DIVISION DOES

It determines and reviews transportation tariffs for natural gas, petroleum product pipelines, and CGD transportation networks, balancing consumer affordability with infrastructure viability. The Division operationalises the Unified Tariff framework, manages revenue reconciliation and settlement mechanisms across the National Gas Grid, and oversees tariff reforms for petroleum product pipelines. It also regulates commercial aspects of the IGX, administers the Imbalance Fund for sectoral development activities, and manages levy of regulatory charges, financial compliance, and Board fund governance.



The division administers the following regulations

- PNGRB (Determination of NGPL Tariff) Regulations
- PNGRB (Determination of Transportation Rate for CGD and Transportation Rate for CNG) Regulations
- PNGRB (Determination of PPPL Transportation Tariff) Regulations
- PNGRB (Imbalance Management Services) Regulations
- PNGRB (Gas Exchange) Regulations



CORE THEMES

01

Tariff Regulation & Determination: The Division determines and reviews transportation tariffs for NGPL, PPPL, and CGD transportation in accordance with notified regulations. It ensures cost recovery, regulated returns, affordability, and long-term financial viability of pipeline infrastructure while maintaining predictability for investors and consumers.

02

Unified Tariff & Gas Market Integration: The Division operationalises the Unified Tariff framework under the “One Nation, One Grid, One Tariff” initiative for the National Gas Grid System. It manages zonal tariff calculations, revenue entitlement reconciliation, settlement mechanisms, and ensures equitable access to gas transportation across regions.

03

Gas Exchange & Market Development: The Division regulates commercial aspects of gas exchange operations under the PNGRB Gas Exchange Regulations, including oversight of IGX, exchange products, settlement guarantee frameworks, and future market-based trading mechanisms to enhance liquidity and price transparency.

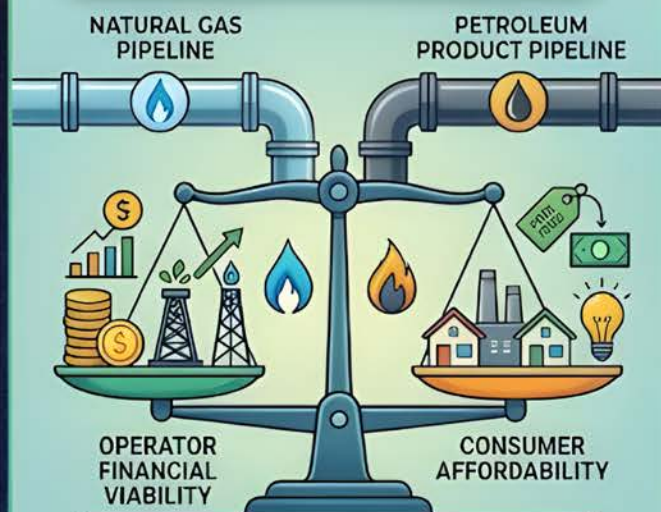
04

Financial Governance & Commercial Administration: The Division administers imbalance funds, levy of fees and charges, performance bank guarantees, and Board fund investments while ensuring prudent financial governance, compliance, audit coordination, and budgetary planning.

KEY COMMERCIAL ACTIVITIES AT A GLANCE



1. TARIFF FRAMEWORK DEVELOPMENT



Develops methodologies and regulations for NGPL & PPPL tariffs, ensuring a balance between operator investment and fair pricing.

- PNGRB (Natural Gas Pipeline Tariff) Regulations, 2008
- PNGRB (Petroleum and Petroleum Products Pipeline Transportation Tariff) Regulations, 2024



One Nation, One Grid, One Tariff



2. COMPLIANCE MONITORING



Ongoing monitoring of authorized entities to verify adherence to tariff orders, Audits and financial disclosures.



AUDIT & REVIEW



- PBG
- INVESTMENTS
- ACCOUNTS



3. MARKET DEVELOPMENT & INTEGRATION



Promotes market integration, competition, and optimal utilization of the national gas infrastructure.



INDIA GAS EXCHANGE - Authorized under PNGRB Gas Exchange Regulations, 2020



COMPETITIVE MARKETS



GHAN SHYAM

DIRECTOR I/C (COMMERCIAL)

About

Ghan Shyam serves as Director In-Charge, Commercial Division at PNGRB, where he oversees commercial and financial regulatory matters relating to tariff frameworks, financial oversight, and market-linked commercial mechanisms in the petroleum and natural gas sector. A Chartered Accountant with nearly three decades of experience in the oil and gas industry, he brings deep expertise in commercial operations, budgeting, accounting, and financial management within India's energy ecosystem.

Prior to joining PNGRB, he held key financial leadership roles in the sector and led one of the largest centralised invoice processing initiatives at Indian Oil Corporation Limited, managing end-to-end processing of approximately 5,000 invoices per day while ensuring transparency, efficiency, and strong internal controls. Recognised for his analytical rigour, sound commercial judgement, and commitment to compliance, he contributes significantly to advancing PNGRB's mandate of fair competition, consumer protection, and orderly sectoral development.

Qualifications

Institute of Chartered Accountants of India (ICAI)
Chartered Accountant

SUSHIL KUMAR GUPTA

DIRECTOR (COMMERCIAL)

About

Sushil Kumar Gupta serves as Director, Commercial Division at the Petroleum and Natural Gas Regulatory Board (PNGRB), where he handles key commercial and tariff-related matters including determination of NGPL and PPPL tariffs, IGX-related issues, and broader commercial regulatory functions. A seasoned finance and regulatory professional with 24 years of experience in the oil and gas sector, he is on deputation from GAIL (India) Limited, where he last served as General Manager (Finance & Accounts).

At GAIL, he held leadership roles across major operational and corporate finance functions, including at the Petrochemical Complex at Pata, Agra and Chhainsa units, Management Accounting, Corporate treasury, and the Director (Finance) Secretariat, with responsibilities spanning business development, contract & procurement, management accounting, policy matters, joint ventures. Mr. Gupta is a Chartered Accountant, Cost Accountant, and an MBA.

Qualifications

Institute of Chartered Accountants of India
Chartered Accountant

Masters in Business Administration (MBA)

Institute of Cost Accountants of India
Cost Accountant



CONSUMER AFFAIRS

Consumer First: Engagement, Redressal and Coordination

The Consumer Affairs Division was established by PNGRB in April 2024 to strengthen consumer protection across the downstream petroleum and natural gas sector. In line with the Board's statutory mandate to protect consumer interests, the division works to improve transparency, accountability, grievance redressal, consumer awareness, and service standards across the oil and gas value chain. It supports the development of a more consumer-centric regulatory framework for the sector.

WHAT THE CONSUMER AFFAIRS DIVISION DOES

The division functions in alignment with PNGRB's statutory mandate under Section 11 of the PNGRB Act, 2006, with the objective of safeguarding consumer interests, strengthening accountability of entities, and enhancing transparency in service delivery across petroleum and natural gas markets. Its work spans grievance redressal, consumer rights, consumer awareness, service quality, and regulatory feedback, while also supporting the broader goal of building consumer confidence in gas-based infrastructure and services.



The division's work is important because it supports

- Consumer rights and fair treatment
- Time-bound grievance redressal
- Service quality and accountability
- Consumer awareness and safe usage
- Regulatory feedback and reform inputs
- Trust in the gas-based economy



SALIENT FEATURES OF CONSUMER PROTECTION REGULATIONS, 2025





RAKESH KUMAR SHAHI

EX – DEPUTY DIRECTOR I/C (CONSUMER AFFAIRS)

About

Rakesh Shahi is an accomplished regulatory professional with extensive experience in India's natural gas governance and regulatory ecosystem. At PNGRB, he has held key responsibilities in the Authorisation Division and Consumer Affairs Division, where he has contributed significantly to the formulation and implementation of regulatory frameworks governing natural gas infrastructure development and consumer protection. His work has supported transparent licensing, efficient operational oversight, and strengthened consumer safeguards across India's expanding City Gas Distribution (CGD) network.

In his leadership role within Consumer Affairs, he has been instrumental in institutionalising grievance redressal mechanisms, defining service quality benchmarks, and enhancing awareness of consumer rights and obligations through stakeholder engagement with industry, public agencies, and consumer bodies. Mr. Shahi's contributions have helped strengthen PNGRB's broader regulatory architecture through a combination of legal precision, technical understanding, and administrative effectiveness.

Qualifications

B. R. Ambedkar University, Agra

B.E. – Electrical and Electronics Engineering

CCS University

Bachelor of Laws – LLB

Amity University

Masters in Business Administration

Indian Law Institute, New Delhi

PGDM – Corporate Law

AJITESH SINGH

ASSISTANT DIRECTOR (CONSUMER AFFAIRS)

About

Ajitesh Singh is a driven marketing professional with over 12 years of diverse experience across both private and public sectors, with a strong background in managing branding and marketing initiatives in the Pharma, Automobile, FMCG and Oil & Gas sector. He brings over 8 years of specialized experience in the City Gas Distribution (CGD) segment, where he has contributed extensively across business development, customer relationship management (CRM), customer awareness initiatives, training programs, and recovery operations. During his tenure at Amritsar, Punjab, he worked in a cross-functional teams to enhance customer engagement and improve overall operational effectiveness.

He has demonstrated strong capabilities in stakeholder coordination, problem-solving, and execution of field-level strategies aligned with organizational goals. Currently, he is on deputation at PNGRB, serving as Assistant Director in the Consumer Affairs Division. With a solid foundation in marketing and operations, he is committed to driving performance, leading teams effectively, and contributing to sustainable business growth.

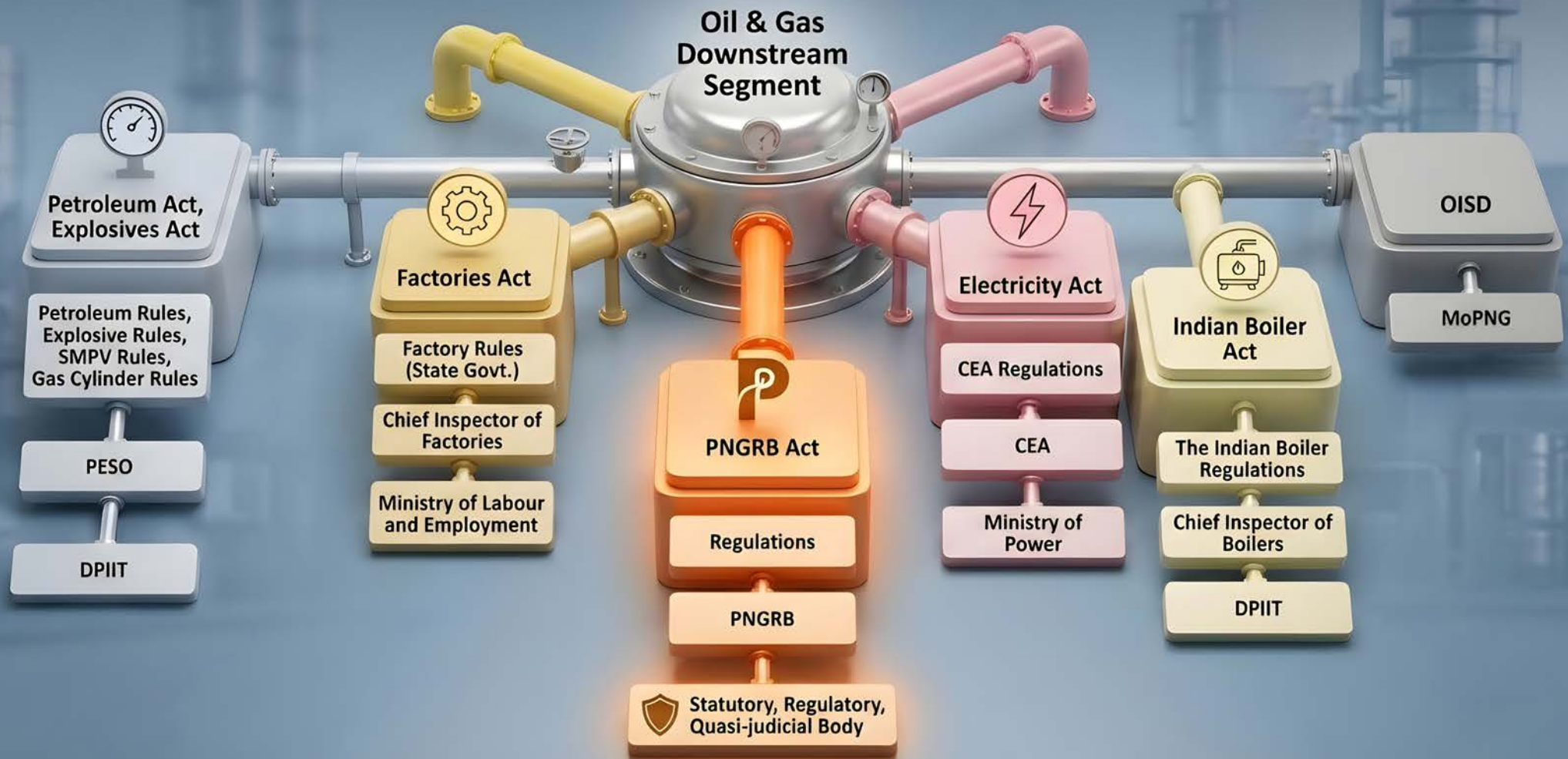
Qualifications

Bharatiya Vidya Bhavan's – Usha and Lakshmi Mittal Institute Of Management
Masters in Business Administration

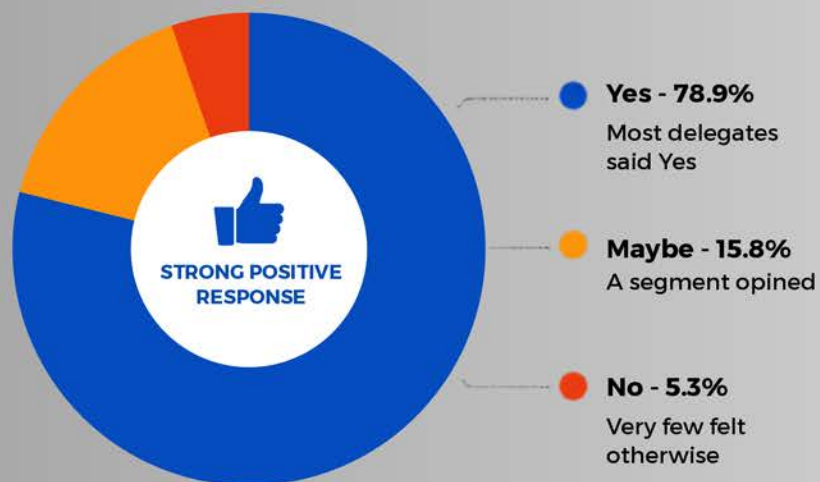
Manipal University, Karnataka
Bachelors in Hotel Management (BHM)



Oil and Gas Regulatory Set-up in India



Should Confluence be conducted for other senior officials?



**MOST DELEGATES
SAID YES!**

The feedback reflected broad support for extending the Confluence format to other senior officials across the oil and gas sector.

Feedback Snapshot



92.1%

rated the
overall Confluence
4 or 5



97.4%

rated the
presentation
content 4 or 5



92.1%

rated speaker
quality
4 or 5



92.1%

found the Confluence
relevant to their work



Key suggestions received



More interactive
formats



Wider
outreach



Conduct in
more cities

Based on delegate responses



Built by the sector,
for the sector



Strengthening collaboration
across the ecosystem



Driving shared insights
for a sustainable future



Scaling impact.
Expanding value.

PNGRB Confluence 2026: Shaping a Collaborative Energy Future

A NEW PARADIGM IN REGULATION

Beyond Regulation to Facilitation

Participants praised PNGRB's transition toward becoming an "Enabler and Facilitator" rather than just a traditional regulator, significantly improving industry perception.



"An excellent initiative that helps the perception of the Industries about PNGRB."

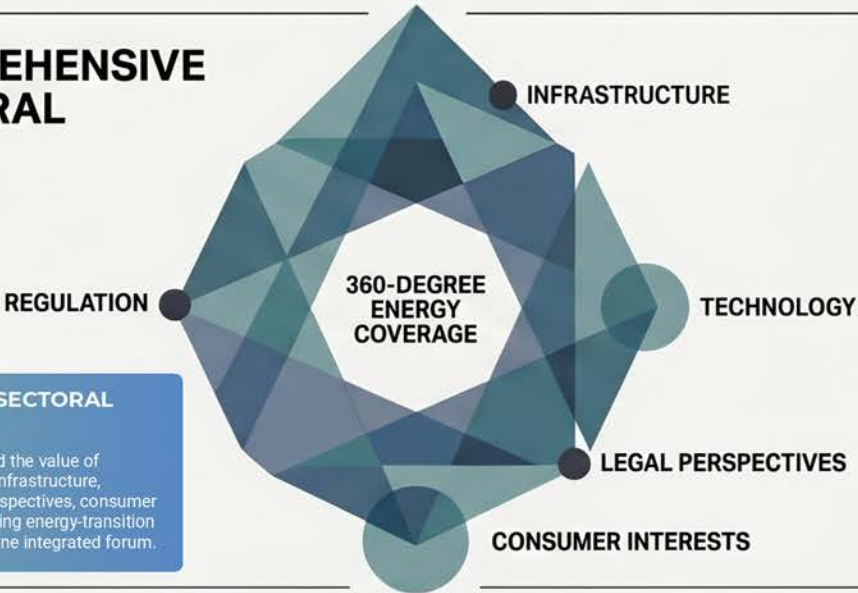
Direct feedback from industrial entities regarding the board's proactive engagement.



COMPREHENSIVE SECTORAL SCOPE

INTEGRATED-SECTORAL PERSPECTIVE

Feedback highlighted the value of bringing regulation, infrastructure, technology, legal perspectives, consumer interests, and emerging energy-transition themes together in one integrated forum.



STAKEHOLDER IMPACT & DIALOGUE

HIGH STAKEHOLDER CONFIDENCE

Delegates appreciated the candid discussions on practical challenges like litigation, implementation, etc.



INTERACTIVE KNOWLEDGE SHARING

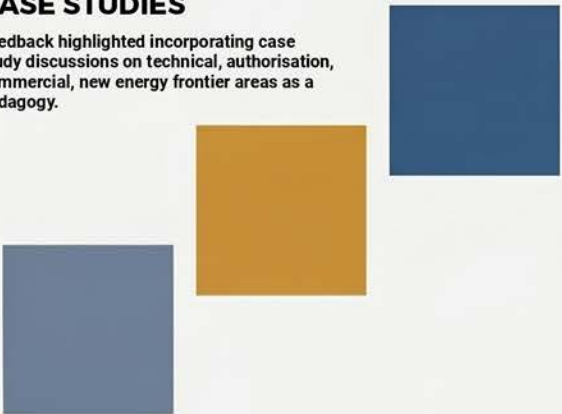
Sessions were described as "very meaningful" and "highly insightful," providing technical persons and refinery officials an opportunity to learn about all PNGRB divisions.

Practical Utility

Attendees noted that the program content was "very effective" for enhancing day-to-day industrial operations.

INCORPORATION OF CASE STUDIES

Feedback highlighted incorporating case study discussions on technical, authorisation, commercial, new energy frontier areas as a pedagogy.



THE PATH FORWARD

Commitment to Progress

The event reflected PNGRB's commitment to being a "modern, responsive, and forward-looking regulator."

"Periodic stakeholder workshops and thematic consultations would be highly beneficial for continued sectoral progress."

A strong demand for repeat programs indicates the high value placed on these professional gatherings.

ORGANISING TEAM



Muktikam Phukan



Vijay Bharadwaj



Ravi Gupta



Garima Malhotra



Pankaj Bisht



Yuvraj Singh



Ramesh Kathuria



Vaaman Vasishth



Farhan Akhter



Alona Yadav



Varun Godyal



“

ENABLER

FACILITATOR

REGULATOR



पी एन जी आर बी
PNGRB



HIRAK DUTTA

Expert Advisor (Technical)

PROGRAM IN-CHIEF

About

Hirak Dutta is a seasoned oil and gas industry professional with over 45 years of extensive experience across public and private sector energy organisations. He has held senior leadership roles spanning process design and engineering, refinery operations, safety management, project execution, and human resource management at Indian Oil Corporation Limited, including at refinery, headquarters, and corporate levels. As Executive Director of the Oil Industry Safety Directorate (OISD) under the Ministry of Petroleum & Natural Gas, he oversaw safety implementation across India's hydrocarbon sector and led the development of sectoral safety standards. He also served as Head Safety & Adviser at Nayara Energy and as Advisor, Petroleum & Power, GeM.

Currently, he serves as Expert Advisor (Technical) at PNGRB, contributing to technical and regulatory oversight. A Chemical Engineer from Jadavpur University with management training from IIM Ahmedabad, he is an acclaimed faculty member, published author, and recipient of multiple national honours in process safety.

Qualifications

Jadavpur University
B.E. - Chemical Engineering

IIM - Ahmedabad
Exec. Masters in Business Administration

PREPARED BY



FARHAN AKHTER
Asst. Consultant



ALONA YADAV
Asst. Consultant

For Any Queries

Email : e-coordination@pngrb.gov.in

