



IndianOil

*Seamless Energy Transportation
Fuelling Growth*

25

years of NRPL

Northern Region Pipelines (NRPL)



IndianOil

***Seamless Energy Transportation
Fuelling Growth***

25 years of NRPL

When energy travels, progress flows. Surely. Steadily. Steadfastly.

At IndianOil, we stand firmly with the nation's thrust on self-sufficiency in energy production and transportation. The Corporation has been at the forefront in providing an array of energy solutions to meet ever-increasing demand through its vast network of pipelines in the country. IndianOil Pipelines Division operates five Pipeline regions - Eastern Region Pipelines, Western Region Pipelines, Northern Region Pipelines, Southern Region Pipelines and South Eastern Region Pipelines.

Emerging as a powerful entity in the year 1999, NRPL's pipelines have spelt growth and progress in northern & north western India, fuelling the aspirations of millions of people in a difficult and challenging terrain. Six states and two union territories, 48 districts, over 1100 villages and millions of households have witnessed the wave of transformation. As we celebrate 25 years in service of the Nation, NRPL reaffirms its dedication to the pivotal task of seamless energy transportation.

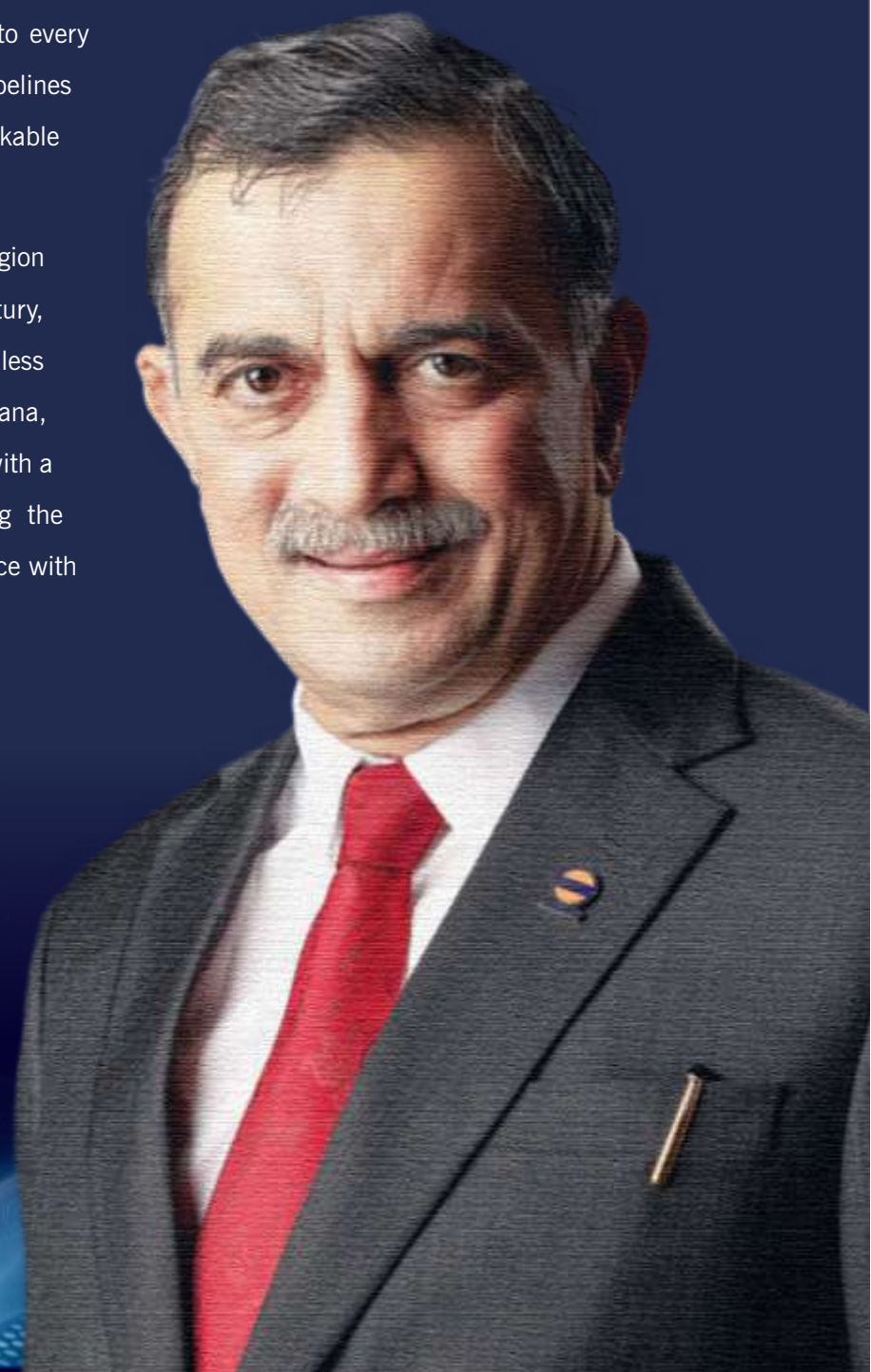
The movement of energy is the *mantra* of life – and the lifeline of a Nation that's surging ahead on the wings of a dream. Here's to a cherished past and a momentous future!

Message from *Chairman, IndianOil*

IndianOil manages one of the largest and most extensive petroleum pipeline networks in the world. Debuting on the global map of petroleum pipelines in 1964 with commissioning of the Guwahati-Siliguri pipeline, we have come a long way and today manage a sprawling network on 19,744 km. The Northern Region of Pipelines Division (NRPL) is a vital part of IndianOil's overall supply chain juggernaut. Since inception, NRPL has been key to IndianOil's strategic cost advantage and high reliability in fuel supply on northern and northwestern parts of India.

On the occasion of Silver Jubilee of NRPL, I extend my heartfelt congratulations to every member – past and serving - of the Pipelines Division and the Northern Region Pipelines family. Your tireless commitment fills me with immense pride as I witness the remarkable journey and exponential growth of NRPL.

Constituted as a Region with its distinct identity on 19th July 1999, Northern Region Pipelines swiftly evolved into a formidable network of energy lifelines. For a quarter century, NRPL's pipelines have been the lifeblood of households and industries providing seamless supply of fuel, powering growth and progress. Energising six Indian states (Haryana, Punjab, UP, Rajasthan, HP, Uttarakhand) and two Union Territories (Delhi and J&K) with a 2,904-km long network spanning 48 districts over 1100 villages, and fuelling the aspirations of millions of countrymen, this celebration of 25 years of dedicated service with excellence is a remarkable milestone that deserves to be honoured and cherished.





IndianOil



Seamless Energy Transportation Fuelling Growth is a book that celebrates 25 years of NRPL's illustrious journey - a befitting tribute to the resilience and achievement.

I take this opportunity to convey my heartiest compliments for this sterling journey and urge the energy soldiers of Pipelines Division to come forth with renewed vigour to meet the growing energy demands. While empowering IndianOil's stewardship of its service mission – *Pehle Indian, Phir Oil*, let us remain committed to creating a sustainable future together.

Shrikant Madhav Vaidya
Chairman

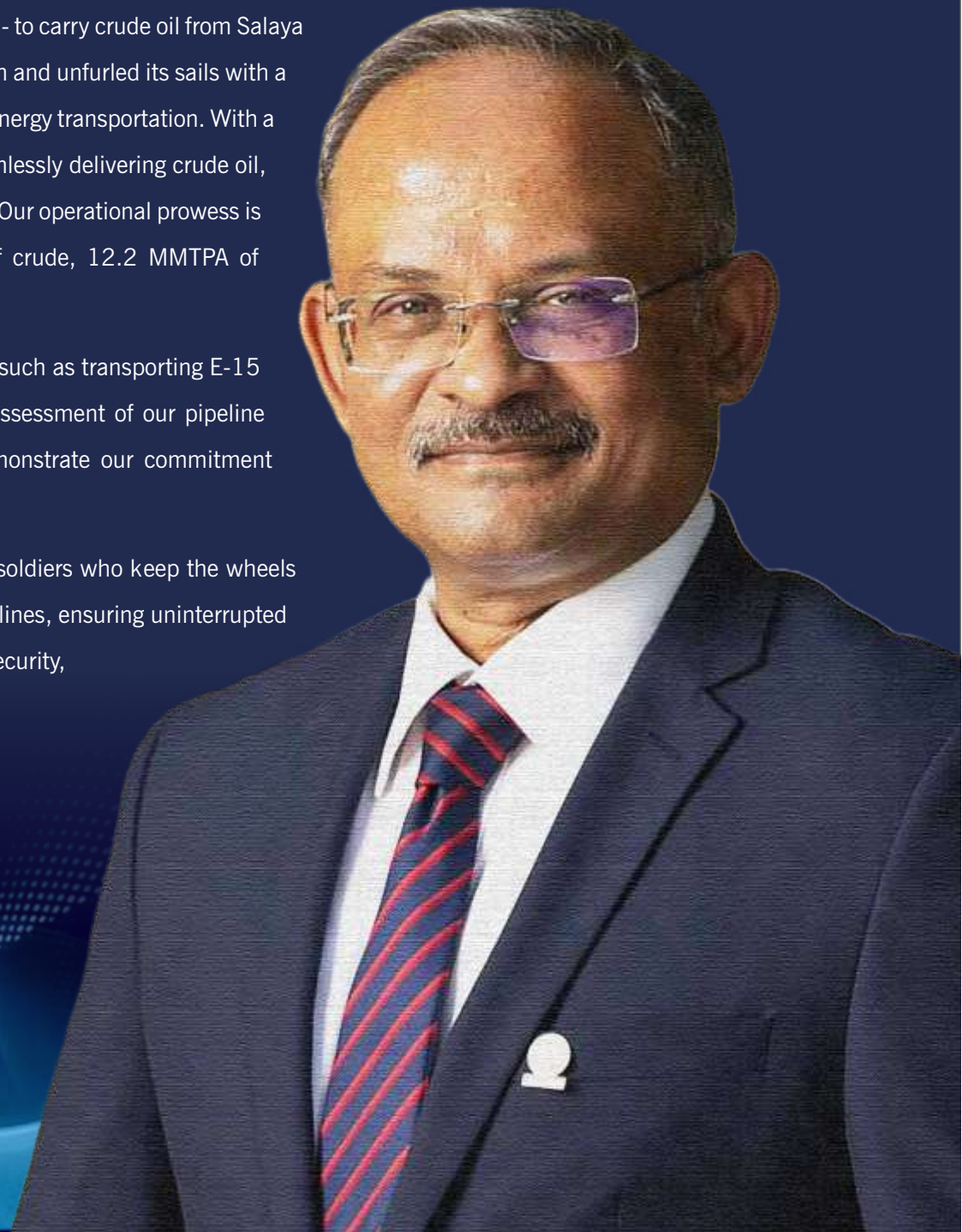
Message from *Director (Pipelines)*

Today as I reflect upon the journey of Northern Region Pipelines, I am reminded of a famous quote by Vince Lombard *"Perfection is not attainable, but if we chase perfection, we can catch excellence."*

For IndianOil, 'ensuring energy access and just, affordable and inclusive energy transition' is a key priority. The Pipelines Division is well aligned with this corporate objective. Since inception, Northern Region Pipelines has charted a journey of excellence - a journey etched in resilience, innovation, and unwavering commitment. The activities started early, in the year 1981, with the commissioning of the first pipeline - the Salaya-Mathura pipeline - to carry crude oil from Salaya in Gujarat to Mathura in Uttar Pradesh. However, it came into its own and unfurled its sails with a distinct regional identity on 19th July 1999, ushering in a new era in energy transportation. With a robust network spanning approximately 3,000 kilometres, it is seamlessly delivering crude oil, products, and natural gas across six states and two union territories. Our operational prowess is reflected in safe and seamless transportation of 23.5 MMTPA of crude, 12.2 MMTPA of products, and 1,767 MMSCM of natural gas in 2023-24.

I take this significant moment to share recent strides of the Region, such as transporting E-15 (Ethanol Blended Motor Spirit) through our pipelines as well as assessment of our pipeline infrastructure for Hydrogen readiness. Such initiatives amply demonstrate our commitment towards championing green energy solutions.

I am proud to add that our strength lies in our people - the energy soldiers who keep the wheels turning. Across several field locations, they safeguard the energy lifelines, ensuring uninterrupted energy flow. With single-minded focus, they uphold safety and security, defying odds and achieving milestones.



The horizon beckons with challenges and opportunities. Going forward, NRPL readies itself to fortify existing infrastructure, expand the city gas distribution business, and explore uncharted territories in the energy sector.

Today, as we celebrate the achievement of its 25-year milestone, NRPL stands as a testament to how a vision, fuelled by the unwavering passion and dedication of our people, can transform the energy landscape of Northern India. Powered by the unmatched blend of seasoned experience and youthful vigour, we will continue catalysing IndianOil's growth, remaining at the vanguard of innovation and sustainability.

This publication celebrates NRPL's journey - a fitting tribute to resilience and achievement. My heartfelt compliments to the entire Northern Region Pipelines team, both past and present. Together, we stoke the fires of the nation's growth, upholding IndianOil's legacy of service and excellence. May NRPL's legacy burn bright, illuminating the path towards an energy-rich India.



Senthil Kumar N.
Director (Pipelines)

Message from

ED & RH, Northern Region Pipelines

I feel privileged and honoured to assume the charge of ED & Regional Head of Northern Region Pipelines (NRPL) in the Silver Jubilee year of NRPL. At the same time, I am truly humbled to lead NRPL and carry forward the legacy of my esteemed predecessors. On this important occasion, I wish to extend my heartiest congratulations to all NRPL employees and its stakeholders for 25 years of glorious history.

Since its inception on July 19, 1999, NRPL has made significant strides. Today, we handle 28% of the Pipelines Division's product throughput and NRPL achieved a record cumulative product throughput of 12,199 TMT during 2023-24. This achievement is a testament to our commitment to excellence and innovation.

Milestones that adorn the path of NRPL are markedly different from other Regions. NRPL holds the distinction of commissioning the first LPG pipeline and first R-LNG pipeline of IndianOil. NRPL is the only Region with its pipelines inter-connected with two other regions, viz. with ERPL at Gawaria (Kanpur) and with WRPL at Jaipur. The expanse of NRPL is spread across 6 states of India i.e. Haryana, UP, Uttarakhand, Punjab, HP, Rajasthan and two Union Territories Delhi and J&K. Remarkably, NRPL Panipat is the only pipeline station which transports crude oil, finished petroleum product, Naphtha, LPG and R-LNG at a single location.



During NRPL's remarkable journey of past 25 years i.e. from 1999 to 2024, a number of pipelines got added, viz. SnMPL, KRNPL, PRPL, PBPL, MPPL, PJPL, DPPL, PBAPL, JPNPL and MAGPL. Apart from this, two City Gas Distribution Geographical Areas also got added at Pathankot and Jammu marking the entry of clean & green CNG fuel in the region. With this, NRPL continues to cater to the energy demand of Northern India.

Moving forward, our focus remains on maintaining safety in pipeline operations, achieve increased operational efficiency and adopt innovative practices, thereby:

- Building a strong safety culture.
- Becoming a zero-audit point region, complying to all safety compliances.
- Enhancing employee wellbeing and inclusive growth.
- Improving operational efficiency and energy optimization.
- Achieving financial prudence with revenue maximization and cost optimization.
- Ensuring modern state-of-the-art control room and workplaces.
- Leading NRPL to achieve Net Zero Vision by 2030.

I encourage each team member to contribute passionately and take pride in their roles. Together, we will create a sustainable and brighter future for NRPL, building on our strengths and setting industry benchmarks.

Best wishes on this momentous occasion. Let's continue to soar to newer heights!



Shailesh Tiwari

Executive Director & Regional Head
Northern Region Pipelines

At the helm: IndianOil Northern Region Pipelines



Narayan Prasad
19.07.1999 - 26.03.2001



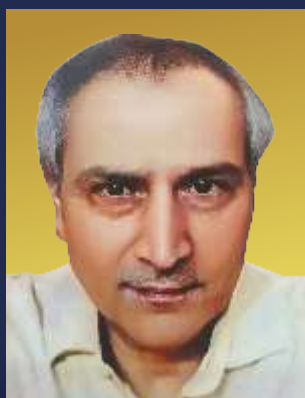
D.S. Gadvi
09.04.2001 - 29.03.2005



S.R. Bhaskar
30.03.2005 - 31.01.2008



T.V. Mohan
12.03.2008 - 30.06.2009



Dinkar Pandit
01.07.2009 - 30.09.2010



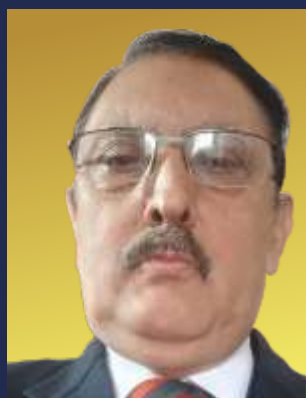
P. Bhattacharya
01.10.2010 - 11.03.2011



H.P. Sahi
12.03.2011 - 30.04.2012



Dr. B.D. Yadav
01.05.2012 - 28.04.2014



J.P. Ojha
12.05.2014 - 31.05.2015



R.K. Samtani
01.06.2015 - 07.03.2017



Ramphal
08.03.2017 - 01.09.2017



B.K. Ray
02.09.2017 - 07.02.2019



V.C. Sati
08.02.2019 - 05.02.2020



S.K. Sur Chowdhury
06.02.2020 - 28.02.2022



Senthil Kumar N.
28.02.2022 - 28.02.2023



Sanjeev Kumar Kanojia
28.02.2023 - 30.06.2024

IndianOil Pipelines: Channelising Energy Excellence

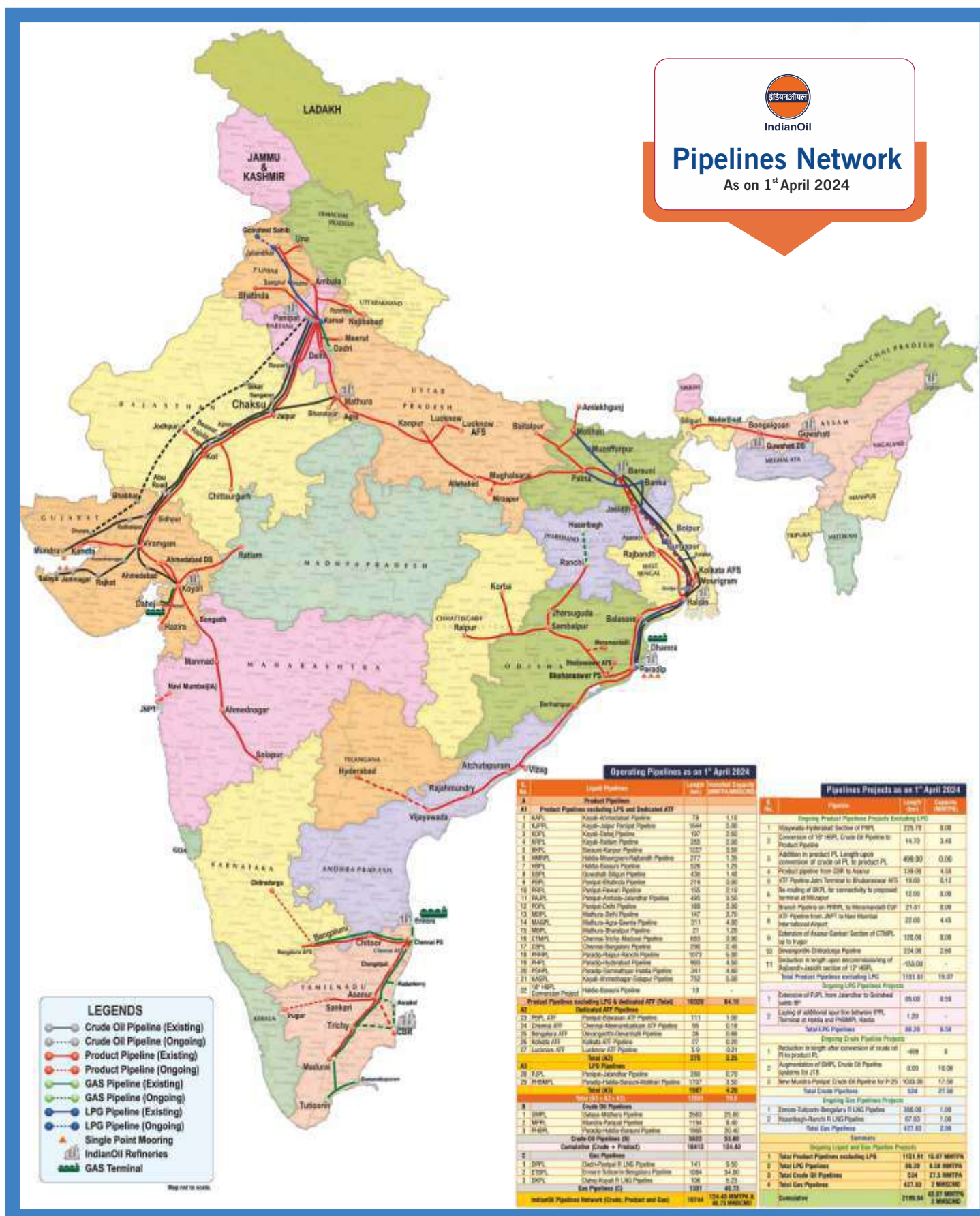
Six decades ago, IndianOil emerged on the global map of hydrocarbon pipelines. The commissioning of Guwahati-Siliguri product pipeline in October 1964 marked the advent of an energy major that would go on to cross rivers, meadows, valleys, hills and rail bridges to build a countrywide network of pipelines that nearly equals the distance from South Pole to North Pole and is about 1.45 times more than the Earth's diameter.

Moving crude oil, petroleum products and natural gas in a safe, efficient and environment-friendly manner, IndianOil manages one of the largest and most extensive petroleum pipeline networks in the world today.

With a throughput capacity of 124.52 million metric tonnes per annum (MMTPA) of oil and 48.73 million metric standard cubic metres per day (MMSCMD) of natural gas, IndianOil's cross-country pipelines are globally recognized as the safest, cost-effective, energy-efficient and environment-friendly mode for transportation of crude oil and petroleum products.



View of NRPL Bijwasan Pump Station







IndianOil



12-13

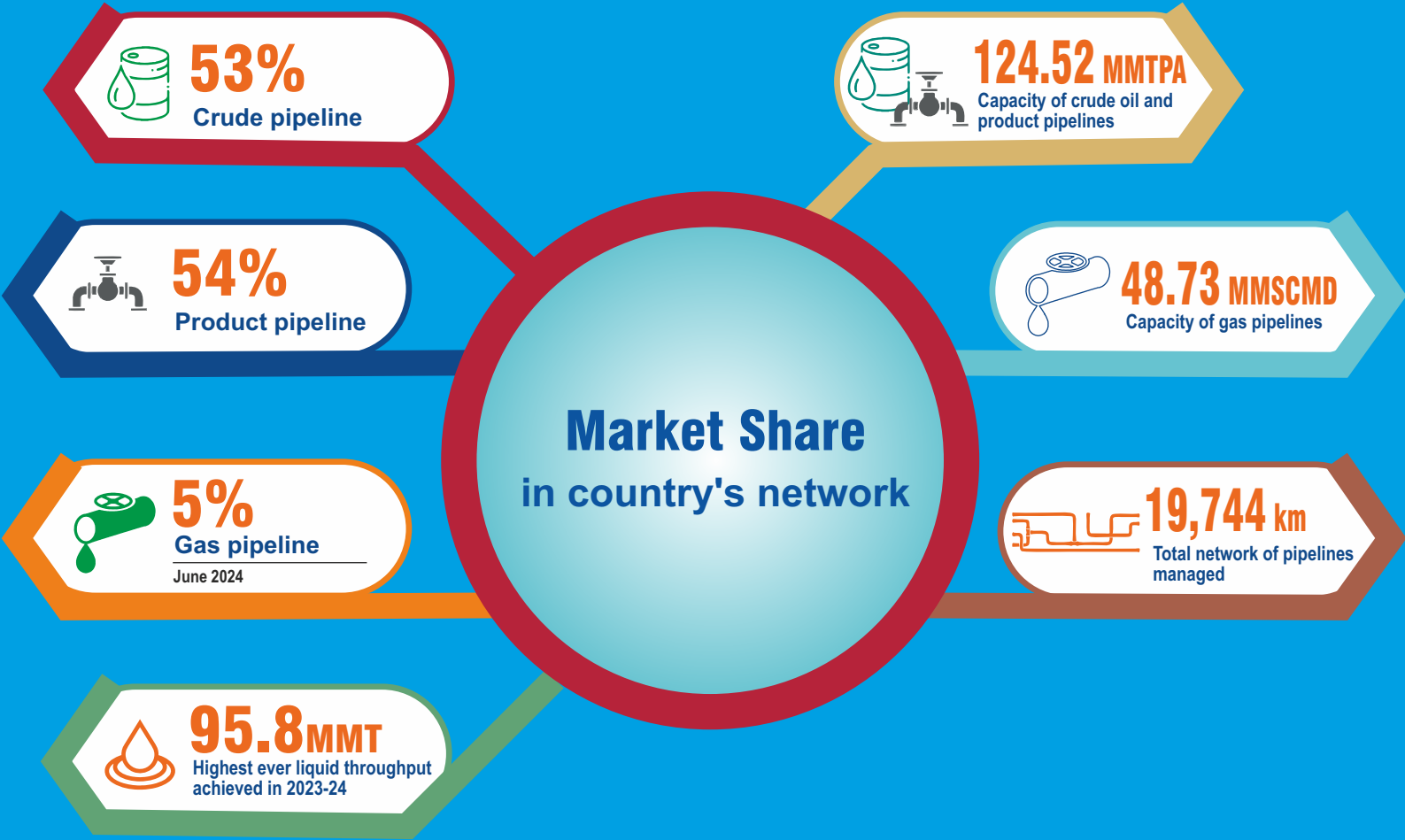
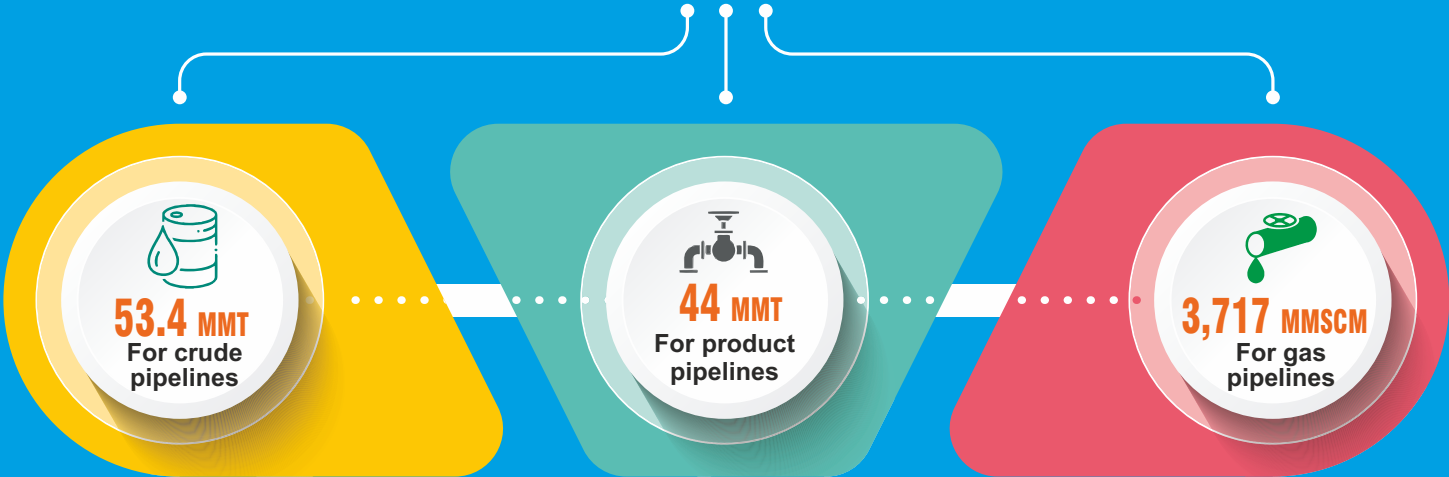
As a pioneer in oil pipelines in the country, IndianOil Pipelines Division operates under five Pipeline regions - Eastern Region Pipelines, Western Region Pipelines, Northern Region Pipelines, Southern Region Pipelines and Southeastern Region Pipelines. The formation & growth of each of these Pipeline Regions is an unfolding narrative of driving our Nation's development in distinct geographical areas.

Northern Region Pipelines (NRPL) came into being as a distinct identity on the 19th of July 1999. From a modest beginning, IndianOil's network of pipelines in north India emerged as a powerful testament of commitment to excellence and sustainability while striving to meet the energy needs of our countrymen in Northern India.

Northern Region Pipelines spans a vast geography linking refineries and marketing terminals with demand centres and customers. Starting out with commissioning of Salaya-Mathura crude oil pipeline (in 1981) over years, the NRPL network surged to a length of 2904 km with operational throughput of 23.5 MMTPA (crude oil), 12.2 MMTPA (petroleum products) & 1767 MMSCM (natural gas) in year 2023-24. Headquartered at Panipat, NRPL has 14 operating Pipelines spread across 27 stations (including seven unmanned stations) equipped with state-of-the-art infrastructure. It has witnessed several significant milestones that shaped its journey and contributed to efficient transportation of petroleum products to power the energy needs of our countrymen across Northern India.

An aerial view of IndianOil Pipeline Terminal Station

Highest Throughput

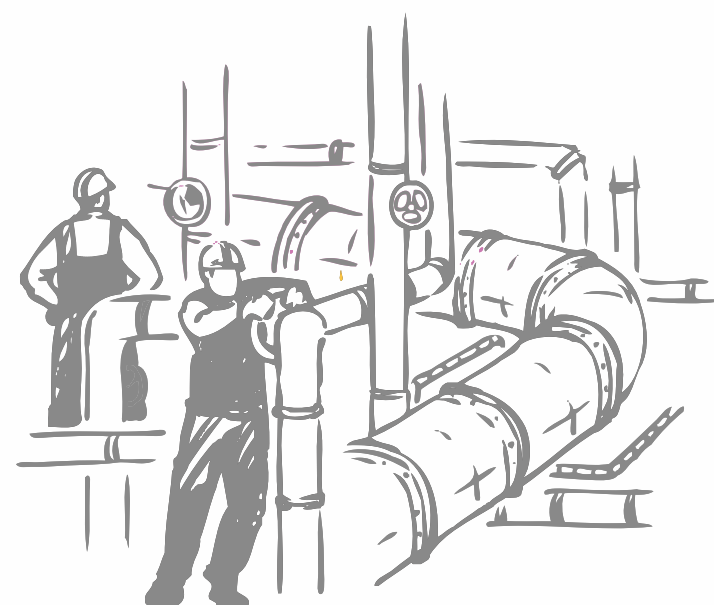




Naphtha tanks at Panipat

For a quarter of a century, NRPL's pipelines have been the lifeline of households and industries providing seamless supply of fuel, powering growth and progress. Energising six Indian states (Haryana, Punjab, UP, Rajasthan, HP, Uttarakhand) and two Union Territories (Delhi and J&K) spanning 48 districts, over 1100 villages, and fuelling the aspirations of millions of countrymen, this celebration of 25 years of dedicated service with excellence is a remarkable milestone that deserves to be honoured and cherished.

NRPL is aligned with the corporate commitment to strengthening energy transition pathways. It is ambitiously partnering the corporate initiative to explore converting existing natural gas pipelines for hydrogen transportation. With an eye on co-creating a sustainable future, NRPL is committed to meet the growing energy demand through capacity / network enhancements, and improvements in operational efficiency & safety.



Journey of Northern Region Pipelines



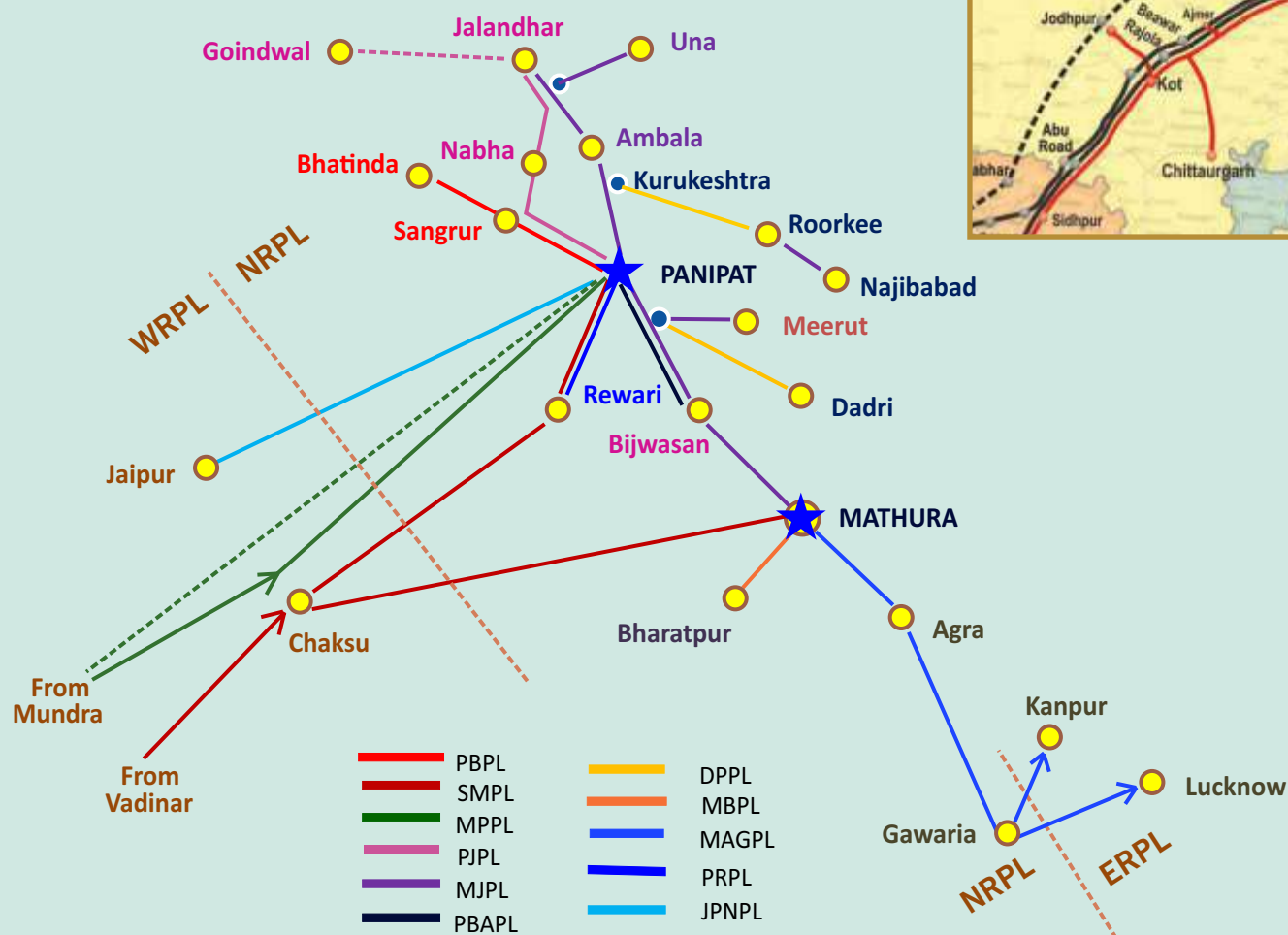
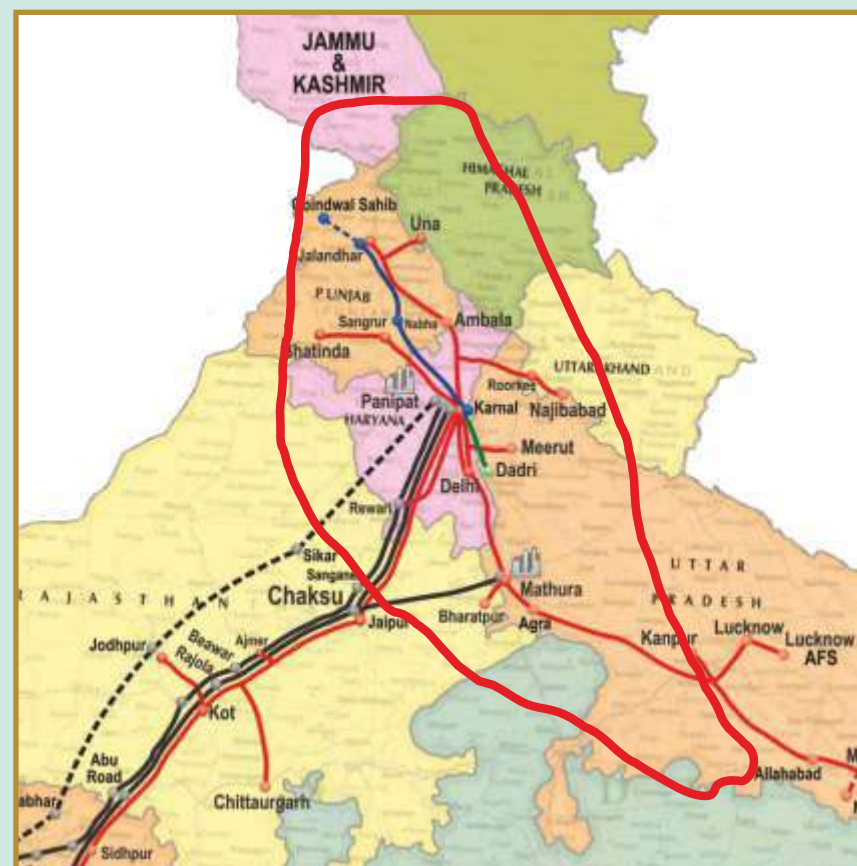
Horizontal Directional Drilling site of Dadri-Panipat Pipeline

The journey of Northern Region Pipelines (NRPL) is a compelling narrative of strength, determination, resilience, perseverance and world-class project execution. A vital component of IndianOil's overall supply chain juggernaut, NRPL has been key to the Corporation's strategic cost advantage and high reliability in fuel supply in the northern part of India.

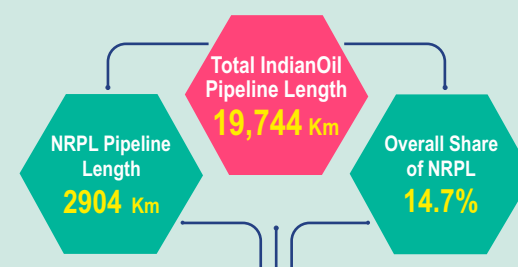
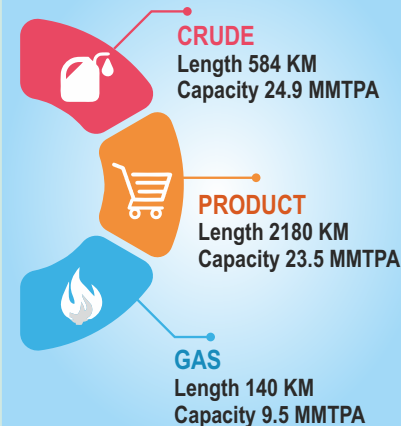
IndianOil's network of pipelines under NRPL runs a length of 2904 km across six States and two Union Territories in north India. The robust network and pipeline infrastructure comprises product pipelines (2180 km long), crude oil pipelines (length 584 km) and a natural gas pipeline (140 km), catering to the bustling demand centres of this region. In

order to operate the sprawling network, NRPL houses 14 pipelines, 27 fully equipped stations (including seven unmanned locations) and two Base Stations that act as the nerve centres of the entire set-up.

Overview of NRPL



PIPELINE



Each of the pipelines was conceptualised to serve as energy lifelines and reach crude oil and petroleum products in the safest and greenest possible manner. As the pipeline network surged over years, fuel markets and demand centres were successfully added, turning IndianOil into a reliable and the least cost supplier. Ensuring uninterrupted operations, maintenance and safety of the vital Pipeline assets remained high in focus for Northern Region Pipelines.

The start came early, in **1981**, when the first pipeline of NRPL - the Salaya-Mathura Crude Oil Pipeline (SMPL) was commissioned to carry crude oil from Salaya in Gujarat to Mathura refinery in Uttar Pradesh, facilitating supply to IndianOil refineries.



Year **1982** marked a significant milestone in the history of Indian petroleum infrastructure with the commissioning of a versatile multi-product pipeline system - the Mathura-Jalandhar Pipeline (MJPL). This year also saw the commissioning of the Ambala Pump & Delivery station (in December 1982) to evacuate products from Mathura Refinery. With an eye on meeting the fuel requirements of North-Western India, Pipeline Stations were commissioned at Bijwasan and Jalandhar in a phased manner during this year.

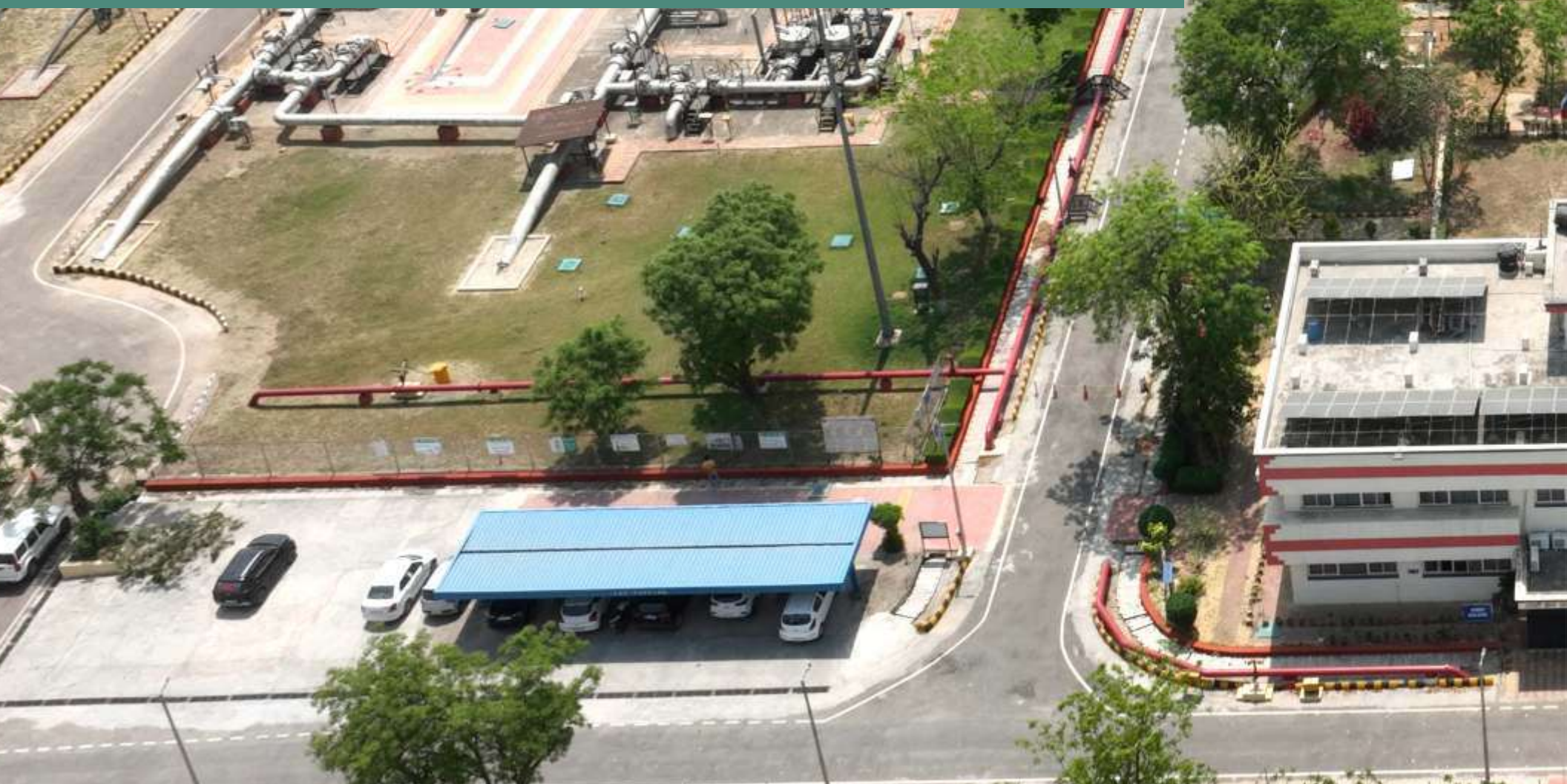


Foundation stone laying of NRPL-Jalandhar station



India was growing at an upward clip. This needed an abundant and reliable energy supply. In view of the growing energy demand, the Kandla-Bhatinda product pipeline was commissioned in the year **1996** for transporting imported petroleum products from Kandla Port in Gujarat to Bhatinda, Punjab. The Bhatinda station was commissioned in 1996 as the terminal station of the vital Kandla-Bhatinda Product Pipeline.

The Rewari Station was commissioned in 1996 as the pumping & delivery station. Today, it operates vital pipeline systems - Mundra-Panipat crude Pipeline (MPPL), Salaya-Mathura Pipeline (SMPL), Panipat - Rewari Pipeline (PRPL) and Jaipur - Panipat Naphtha Pipeline (JPNPL).





Rewari station

The year **1999** witnessed a breakthrough in the history of the Northern Region Pipelines. On the momentous day of 19th July, the Panipat Station of Northern Region Pipelines was commissioned, marking the distinct identity of the Northern Region Pipelines. This day is celebrated as the Foundation Day of Northern Region Pipelines, symbolizing the beginning of a new era in resource transportation and energy infrastructure development in the Northern region.

Subsequently, the journey of NRPL underwent considerable transformation. In a flurry of activity, Pipeline network was expanded, key segments were added and operational capabilities were significantly boosted. Today, NRPL boasts of a sprawling pipeline length of 2,904 kilometres, spanning six states & two UTs, 48 districts and covering over 1,100 villages.



SMPL's Panipat Station commissioned in 1999

The year **2000** witnessed the commissioning of the 70-kilometer long Sonipat-Meerut Pipeline.

In year **2003**, Mathura-Tundla Pipeline (MTPL) and Kurukshetra-Roorkee-Najibabad Pipeline (KRNPL) was commissioned leading to Northern Region Pipelines experiencing a notable increase in its transportation capacity.

In the year 2003, the Agra Delivery Station was also commissioned. This station receives product through the 16" Mathura-Tundla Pipeline from Mathura Refinery and supplies petroleum products in nearby areas of Uttar Pradesh. Soon, Panipat-Rewari Pipeline (PRPL) was commissioned in **2004**.



Pipeline laying in progress

The year **2006** witnessed a tactical move that boosted crude oil movement from the coast to IndianOil's Panipat Refinery. To enhance the operational capabilities of the pipeline network and support the growing energy demands of the region, Kandla-Bhatinda Pipeline was bifurcated into Mundra-Panipat crude Pipeline (MPPL) and Panipat-Bhatinda product Pipeline (PBPL) in 2006. This tactical move strengthened IndianOil's refining capability and enhanced the supply chain for petroleum products in the region. The Panipat-Bhatinda Product Pipeline born out of this bifurcation originated from Panipat with an intermediate delivery station at Sangrur Station that was already commissioned in the year 1996.



In **2008**, the Panipat-Jalandhar LPG Pipeline, was commissioned marking a milestone for LPG infrastructure in North India. Meanwhile, Dadri-Panipat regassified LNG Pipeline, Mathura-Bharatpur Pipeline, Tikrikalan Hook-Up, and Panipat Bijwasan ATF Pipeline were also commissioned or integrated with the NRPL's pipeline network.

NRPL also houses stations at Najibabad, Karnal, Bharatpur, Una, Tikrikalan, Roorkee, Nabha and Dadri catering to the energy requirements in Haryana, Punjab, UP, Rajasthan, HP, Uttarakhand along with UTs of Delhi and J&K delivering smiles to miles.

This journey of the last 25 year is studded with victories – big and small, sharing joys and smiles, and serving our fellow citizens. The journey continues with a steadfast determination to propel the growth of our Nation.

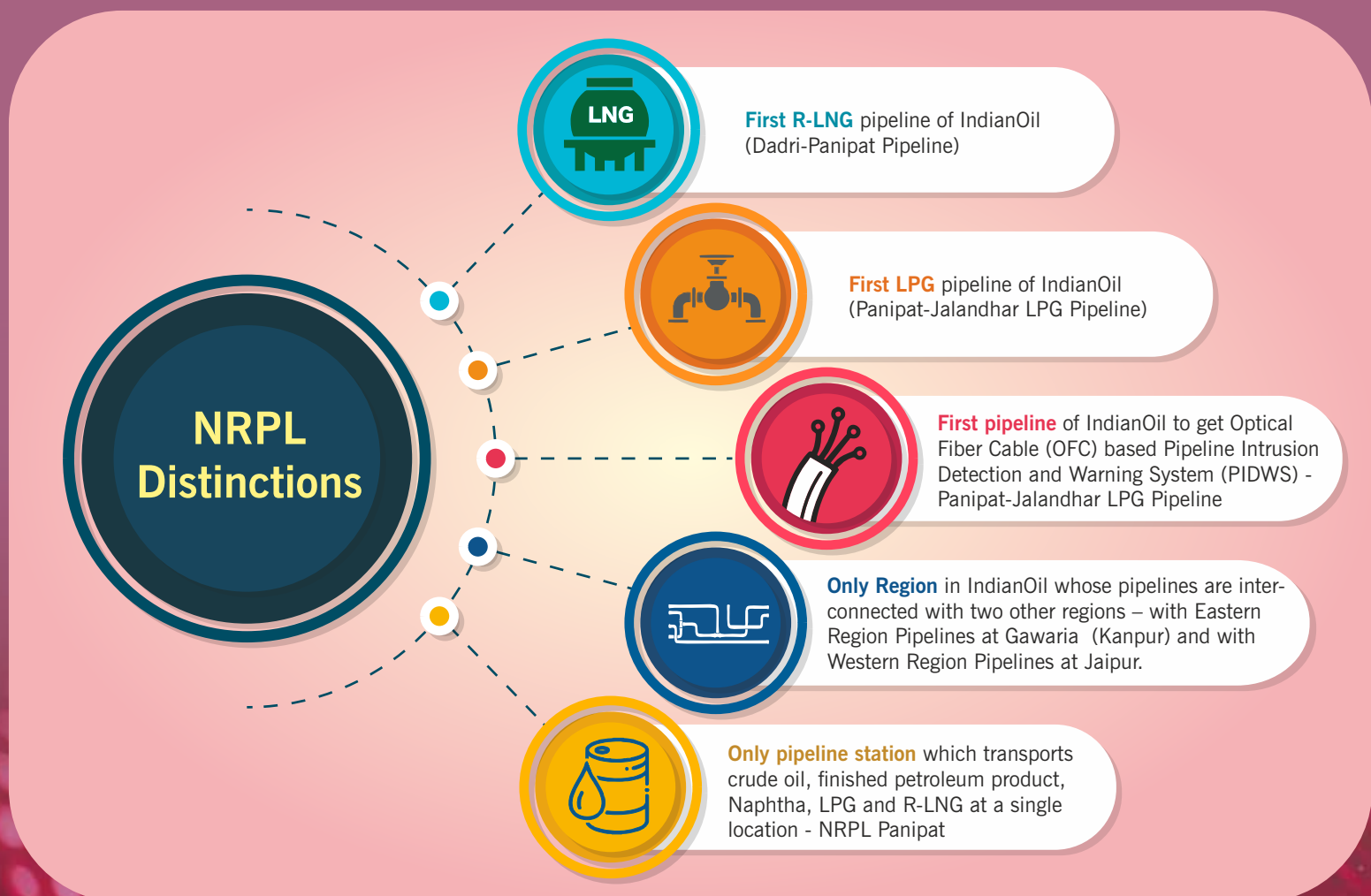


Visit of Mr. S.M. Vaidya, Chairman, IndianOil to NRPL Panipat

A Journey of Key Landmarks

The remarkable journey of IndianOil Northern Region Pipelines unfolds several milestones and accomplishments of the region. Through transformative firsts in the hydrocarbon industry, Northern Region Pipelines has spearheaded innovation & blazed a trail towards assetsafety & security dovetailed with reliable transportation of crude oil and petroleum product.

The sterling commitment of Team NRPL towards environmental stewardship amply reflects through successful execution of various initiatives that fuel not only growth but also aspirations. From embracing changes, to adopting cutting-edge technologies, IndianOil Northern Region Pipelines continues to set new benchmarks in the industry, ensuring reliable and efficient transportation of petroleum products across the region & reaffirming its role as a cornerstone of India's and IndianOil's energy infrastructure



Some of the recent milestones underscore our commitment to innovation, sustainability, and growth in serving the Nation's energy needs.

2017

In a big enablement for pipeline security, the Panipat-Jalandhar LPG Pipeline was the first pipeline of IndianOil to get the game-changing Optical Fiber Cable (OFC) based Pipeline Intrusion Detection and Warning System (PIDWS).

2019

Aligned with the corporate mandate to promote the use of ethanol-blended fuels and reduce carbon footprint in the transport sector, Northern Region Pipelines introduced ethanol-based motor spirit (EBMS) in the Mathura-Tundla Pipelines.

2019

Commissioning of Panipat-Ambala-Jalandhar LPG Pipeline towards Una



Visit of Mr. S.M. Vaidya, Chairman at NRPL

2020

Doubling of Panipat-Bhatinda Pipeline capacity from 1.5 to 3 MMTPA.

2021

Low-sulphur petroleum products make their debut in Northern Region Pipelines, signifying a strategic shift towards promoting clean fuels.

2022

City Gas Distribution Geographical Areas of Jammu & Pathankot allotted to IndianOil

2022

Dedicated Pump sheds set up for Panipat-Bijwasan ATF pipeline, Tundla-Gawaria and Delhi ATF pipeline.

2023

State-of-the-art Kaushal Vikas Kendra inaugurated in Rewari, to serve as an up skilling & training platform for employees

2024

The first-ever CNG station commissioned in Jammu & Kashmir (Feb. 2024), heralding a new era in availability of environment-friendly fuels in & around Jammu & Kashmir

2024

Monthly CNG sales surpassed 1 lakh kg for the first time (clocked sales of 1.03 lakh kg) in CGD Geographical Areas under Northern Region Pipelines (March 2024).





First CNG Station under CGD in Pathankot



ो आन
जमपाल

भारिय
ल, सपाह एवं कुलेकटाविकस
सूचना प्रौद्योगिकी मंत्री

राव इंद्रजीत सिंह
सि एच कार्मिकम कर्तव्य
भारत राज्यामने रत्ना



भोला सिंह

महाराष्ट्र, मुंबई

उत्तर प्रदेश
वारी, 2024

श्री वजेश पाठक
उप मुख्यमंत्री, उत्तर प्रदेश

हुआ

आदित्यनाथ
गरी, उत्तर प्रदेश

के. सिंह (तेजगढ़िया)
केन्द्रीय सहकाय परिषदम एवं राजभाषा और
समाज विभागम राजभाषा

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Shri R
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Dedicated to the Nation
by
Shri Narendra Modi
Prime Minister

In the august presence of



Anandiben Patel

Governor, Uttar Pradesh

Shwini Vaishnaw

Minister for Railways,
Telecommunications and Electronics &
Information Technology

Dr. J. P. Natarajan

Minister of State,
Programme Management and Corporate

Dr. J. P. Natarajan

Chief Minister, Uttar Pradesh

Dr. J. P. Natarajan

Minister, Uttar Pradesh



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NRPL Network & Infrastructure

Headquartered at Panipat, IndianOil Northern Region Pipelines answers the mandate of ensuing energy sufficiency at the heart of India, spanning six States and two Union Territories criss-crossing north India with a current length of approximately 3000 km, operating through 27 pipeline stations and two Base Stations. This extensive network reflects the unwavering commitment of dedicated IOCIans who have assiduously set new benchmarks in operational efficiency and innovation.

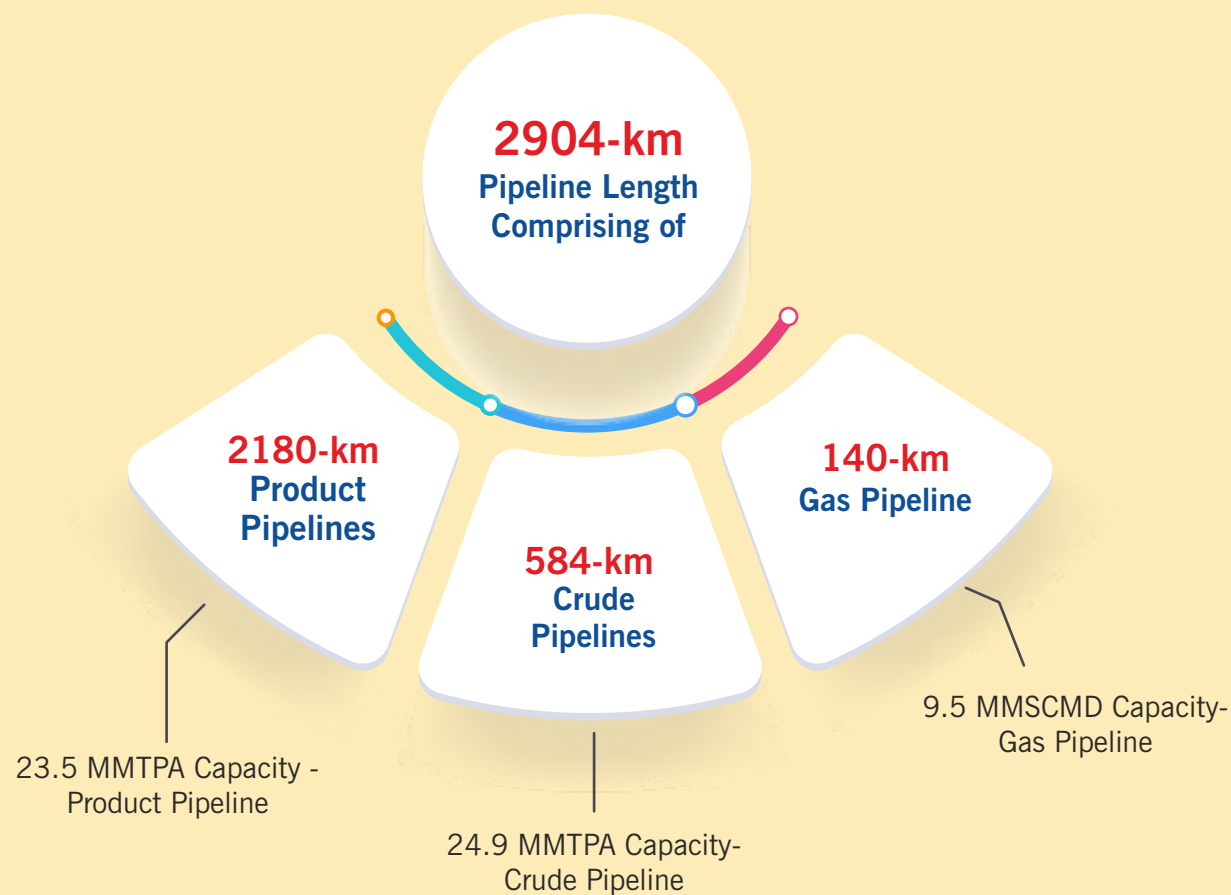
The journey dates to the year 1981, when the first crude-carrying Pipeline Salaya-Mathura Pipeline was commissioned. With the commissioning of Panipat Station as its headquarters on 19th July 1999, Northern Region Pipelines was carved out as a Pipeline Region with a distinct identity. Northern Region Pipelines has played a pivotal role in facilitating seamless transportation of petroleum products, bringing us closer to our green ambitions. It represents the IndianOil spirit and ethos that guide our business decisions, including IndianOil's first LPG pipeline (Panipat-Jalandhar LPG Pipeline) and the first R-LNG pipeline (Dadri-Panipat R-LNG Pipeline), which have not only transformed operational efficiency but also set new standards in petroleum transportation.

Forays into city gas distribution business in the Pathankot and Jammu geographical areas further underscore IndianOil's commitment to expand our range of products & services and meet the needs of a rising Nation.

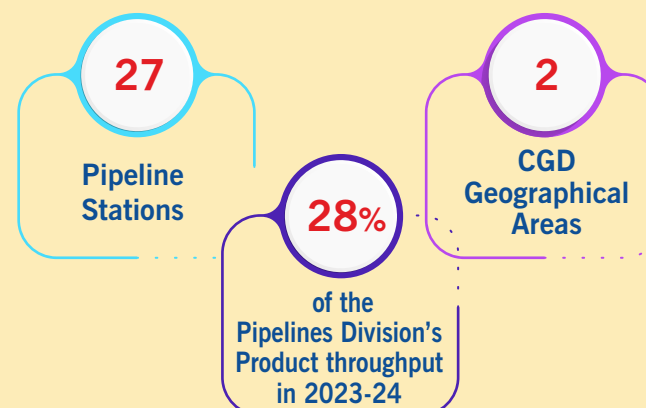
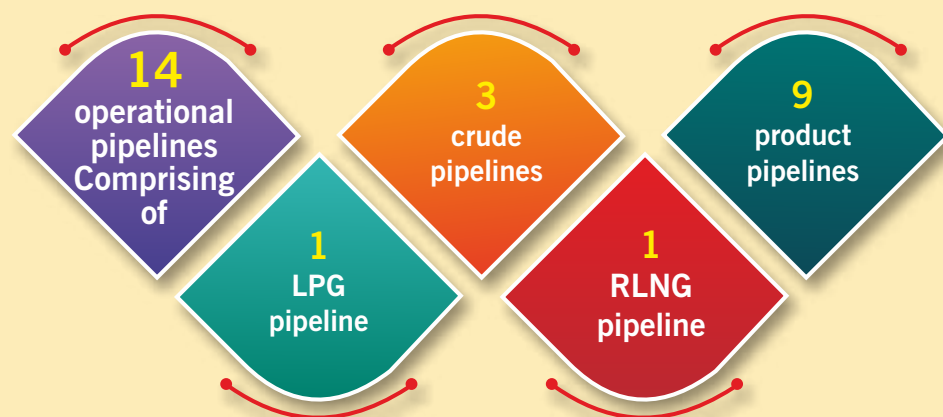


NRPL Panipat Admin Building

NRPL at a glance



Traversing through 6 states, 2 UTs & 48 districts







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Team NRPL with Mr. Senthil Kumar N., Director (Pipelines)

Crude Oil Pipelines

Salaya-Mathura Pipeline

Commissioned in the year 1981, this 2660-km long crude oil pipeline originates from Salaya near Vadinar in Jamnagar district on the Gujarat coast. It supplies three IndianOil Refineries located at Koyali in Gujarat, Mathura in Uttar Pradesh, and Panipat in Haryana. Within this span, a 597-km segment of the Salaya-Mathura Pipeline, that has a capacity of 16.5 MMTPA, comes under NRPL network. This segment runs from Chaksu to Mathura (243 km), and from Chaksu to Panipat (354 km).

Mundra-Panipat Pipeline

Commissioned in 2006, the versatile 1194-km long Mundra-Panipat Pipeline (MPPL) ensures a reliable supply of crude oil to IndianOil's Panipat Refinery from the Mundra port in Gujarat. It consists of a 74-km long segment that runs from Mundra to Churwa. At Churwa, MPPL is hooked up to the Kandla-Panipat section of erstwhile Kandla-Bhatinda crude Pipeline near Gandhidham.



Crude Oil Tank farm under Mundra-Panipat Pipeline

Product Pipelines

Panipat-Ambala-Jalandhar Pipeline

In 1997, the Panipat-Ambala-Jalandhar Pipeline, previously a segment of the Mathura-Jalandhar Pipeline, was connected to the Panipat Refinery to evacuate petroleum products from the Refinery. Stretching 495 km with an installed capacity of 3.5 MMTPA, this product-carrying pipeline includes a branch line running from Kurukshetra to Najibabad via Roorkee in Uttarakhand, as well as another branch line from Jhugian in Punjab to Una in Himachal Pradesh.

Mathura-Delhi Pipeline

Commissioned in the year 1984, the Mathura-Delhi Pipeline stands as a sterling showcase of IndianOil's engineering prowess. Designed with an installed capacity of 3.7 MMTPA leveraging in-house construction supervision, this 147-km long pipeline transports petroleum products from Mathura Refinery to Bijwasan in Delhi.

Panipat- Rewari Pipeline

This 155-km long Panipat-Rewari Pipeline transports products from Panipat Refinery to Rewari Terminal. Commissioned in 2004, this pipeline has an installed capacity of 2.1 MMTPA.

Panipat-Bijwasan ATF Pipeline

The 111-km long Panipat-Bijwasan Pipeline transports aviation fuel from Panipat Refinery to Bijwasan in Delhi to meet ATF requirements of the National Capital Region. This pipeline was commissioned in 2010 with an installed capacity of 1.0 MMTPA to initially transport Naphtha from Mathura Refinery to Panipat Refinery. Currently, Naphtha is transported through the Mathura-Delhi and Panipat-Delhi Pipelines.

Panipat-Bhatinda Pipeline

The Panipat-Bhatinda Pipeline was part of the erstwhile Kandla-Bhatinda Pipeline. Petroleum products from Panipat Refinery are transported through this 219-km long pipeline to Sangrur and Bhatinda. This pipeline was commissioned in 1996 with an installed capacity of 3.0 MMTPA.

Panipat-Delhi Pipeline

Petroleum products from Panipat Refinery are transported through the Panipat-Delhi Pipeline, which was earlier a section of the Mathura-Jalandhar Pipeline. This 189-km product pipeline has an installed capacity of 3 MMTPA and runs a branch line from Sonipat to Meerut. This highly versatile pipeline is designed to pump petroleum products of Mathura Refinery in forward direction from Bijwasan towards Tikrikalan, Meerut and Panipat, and products of Panipat Refinery in reverse direction towards Meerut, Tikrikalan and Bijwasan.

Mathura-Bharatpur Pipeline

The 21-km long Mathura-Bharatpur Pipeline product pipeline runs from Mathura Refinery to Bharatpur. It was commissioned in 2010 with an installed capacity of 1.2 MMTPA.

Jaipur-Panipat Naphtha Pipeline

This 362-km long Pipeline from Jaipur to Panipat was commissioned in 2019 with an aim to play a crucial role in IndianOil's aspirations for forward integration. This pipeline meets the important requirement of feedstock for Panipat Naphtha Cracker to produce petrochemicals. The Panipat-Jaipur Pipeline transports Naphtha from Koyali Refinery in Gujarat through Koyali-Jaipur Pipeline for subsequent delivery at Panipat to meet the demand of Panipat Naphtha Cracker in Haryana.

Mathura-Agra-Gawaria Pipeline

A 311-km long Mathura-Agra-Gawaria pipeline was commissioned in year 2003 with an installed capacity of 4 MMTPA to move petroleum products from Mathura Refinery to Agra Terminal. In 2023, it was further extended to Gawaria to deliver products to Lucknow, Kanpur and Allahabad terminals.



Construction of Panipat-Jalandhar LPG pipeline in progress

LPG Pipeline

Panipat-Jalandhar LPG Pipeline

Commissioned in 2008 with an installed capacity of 0.7 MMTPA, this is IndianOil's first LPG Pipeline. The 274-km long Panipat-Jalandhar LPG Pipeline (PJPL) runs from Karnal (Panipat), traversing through Nabha and terminating at Jalandhar. It is hooked up with LPG bottling plants at Karnal, Nabha and Jalandhar. Further, a 6 km segment from Panipat Refinery to Karnal (PKPL) was added to PJPL in 2018.

Natural Gas Pipeline

Dadri-Panipat R-LNG Spur Pipeline

The 30-inch diameter, 140-km long Dadri-Panipat R-LNG Spur Pipeline was commissioned in 2010 with an installed capacity of 9.5 MMSCMD to supply R-LNG from GAIL's pipeline terminal located at Dadri in Uttar Pradesh to IndianOil's Panipat Refinery. An important component in the overall natural gas economy of northern India, this pipeline supplies R-LNG to Panipat Refinery & Naphtha Cracker Plant; National Fertilizer Limited in Panipat, IVL Dhunseri, IGL, BGEPL, NTPC Dadri and various city gas distribution networks.



Overview of NRPL's Pipeline infrastructure

| Pipeline/Section | Diameter (inch) | Length (KM) | Capacity (MMTPA) | Date of Commissioning | Type |
|--------------------------------|-------------------|-------------|------------------|-----------------------|---------|
| SMPL Chaksu-Mathura | 24 | 243 | 9.2 | 25.03.1981 | Crude |
| SMPL Chaksu-Panipat | 24 | 354 | 7.3 | 30.11.1997 | Crude |
| Mundra-Panipat Pipeline | 28/22 | 1194 | 8.4 | 14.08.2006 | Crude |
| Panipat-Ambala-Jalandhar PL | 14.00/12.75/10.75 | 495 | 3.5 | 01.04.1982 | Product |
| Mathura-Delhi Pipeline | 16 | 147 | 3.7 | 01.04.1982 | Product |
| Panipat-Rewari Pipeline | 12.75 | 155 | 2.1 | 21.09.2004 | Product |
| Panipat-Bijwasan ATF PL | 10.75 | 111 | 1.0 | 01.04.2004 | Product |
| Panipat-Bhatinda Pipeline | 14.00 | 219 | 3.0 | 14.08.2006 | Product |
| Panipat-Delhi Pipeline | 14.00/10.75 | 189 | 3.0 | 01.04.2010 | Product |
| Mathura-Bharatpur Pipeline | 8.625 | 21 | 1.2 | 13.07.2010 | Product |
| Jaipur-Panipat Naphtha PL | 18.00/12.75 | 362 | 1.3 | 16.02.2019 | Product |
| Mathura-Agra-Gawaria PL | 16 | 311 | 4.0 | 16.08.2022 | Product |
| Panipat-Jalandhar LPG Pipeline | 10.75 | 280 | 0.7 | 13.11.2008 | LPG |
| Dadri-Panipat Pipeline | 30 | 141 | 9.5(MMSCMD) | 18.07.2010 | R-LNG |

Pumping & Delivery Stations

NRPL-Panipat

The nerve centre of Northern Region Pipelines, the Panipat Station is spread over 1,40,000 square meters and is located in Baholi village, adjacent to IndianOil's Panipat Refinery. Originally commissioned in 1996 as KBPL-Panipat, this pipeline station became an integral part of NRPL subsequent to the Region's establishment on 19th July 1999.

NRPL-Panipat is the nodal pumping station for four product pipelines: Panipat-Rewari Pipeline, Panipat-Bhatinda Pipeline, Panipat-Ambala-Jalandhar Pipeline, and Panipat-Bijwasan ATF Pipeline. It serves as a delivery station to receive crude carried by the Mundra-Panipat (MPPL) crude oil pipeline. It also has two product lines, Panipat-Delhi Pipeline and Jaipur-Panipat Naphtha Pipeline, which feature reverse pumping capabilities. The regassified LNG carrying Dadri-Panipat line, which commenced operations on 18th July 2010, also terminates here.

The Panipat station handles a variety of products including High Speed Diesel (HSD), Motor Spirit (MS), Aviation Turbine Fuel (ATF), among others. To maintain the network, NRPL-Panipat is equipped with Repeater & Cathodic Protection Stations, Cathodic Protection Stations and Sectionalised Valves.



NRPL-Ambala

NRPL-Ambala is an intermediate pumping & delivery station situated approximately one km from Ambala Cantonment railway station on NH-1 towards Delhi. The station covers an area of 12.35 acres and was established in December 1982 in conjunction with the Mathura-Jalandhar Pipeline to transport products from Mathura Refinery.

The Ambala Pump Station is equipped with motor-driven mainline pumps powered by two transformers each. To maintain the network, NRPL-Ambala has several Repeater & Cathodic Protection Stations within its jurisdiction.



NRPL-Rewari

NRPL-Rewari station is spread over 57154 sqm and operates vital lines such as Mundra-Panipat pipeline, Salaya-Mathura pipeline, Panipat-Rewari pipeline as well as Jaipur-Panipat Naphtha pipeline.

The Rewari station was commissioned as a small control building which was later extended. To maintain the network, NRPL-Rewari also has several Repeater & Cathodic Protection Stations.



NRPL-Bijwasan

A location of strategic importance, the Bijwasan POL terminal is situated near the IGI Airport in New Delhi on Kapashera-Najafgarh Road in Bijwasan. This is the terminating station of the Mathura-Delhi Pipeline, which became operational on April 1, 1982. Earlier, the Bijwasan Station was a crucial component of IndianOil's first telescopic product pipeline, the Mathura-Jalandhar Pipeline that was set up to supply petroleum products from Mathura Refinery to meet the energy demands of North & Northwestern India spanning parts of Uttar Pradesh, Delhi, Punjab, Haryana, Himachal Pradesh, Jammu & Kashmir and Uttarakhand.

This distribution network has been catering the needs of defence and civil aviation sectors too. To maintain the network, NRPL-Bijwasan has several Repeater & Cathodic Protection Stations under its jurisdiction.



NRPL-Agra

Agra Delivery Station, a vital storage and distribution station nestled within IndianOil's Marketing Terminal in Etmadpur, Tundla in Uttar Pradesh, plays a crucial role in seamless supply of petroleum products. Connected to the Mathura Refinery through the 16-inch Mathura-Tundla Pipeline, this station ensures timely delivery of essential products to meet the energy demands of Uttar Pradesh.

The 57.435 km long Mathura-Tundla Pipeline was commissioned in year 2003, to serve as an energy lifeline for central Uttar Pradesh, particularly the historic city of Agra. In a tactical move, the Mathura-Tundla Pipeline was seamlessly integrated with the Barauni-Kanpur Pipeline through the 253-km long Tundla-Gawaria line, on August 16, 2022. This strategic connection significantly boosted the efficiency and reach of the network, ensuring a steady supply of products to the bustling demand centres in the region. Following the successful commissioning of the Tundla-Gawaria Pipeline, NRPL-Agra now operates as a pumping station. It also has a Repeater & Cathodic Protection Station.



Product & Crude Terminal Stations

NRPL-Mathura

The raison d'etre of NRPL's Mathura station is to receive crude through the Salaya-Mathura Pipeline for IndianOil's Mathura refinery. It also pumps refined products from the tank farm of Mathura Refinery to Delhi and Ambala and finally to the terminal stations at Jalandhar and Meerut. It operates Mathura-Tundla and Mathura-Bharatpur Pipelines and delivers Naphtha directly to Panipat Refinery via Bijwasan Station. NRPL-Mathura is equipped with several Repeater & Cathodic Protection Stations under its jurisdiction.



Crude Terminal Stations

SMPL-Panipat

Located in the heart of IndianOil's Panipat refinery is a pipeline station that delivers crude carried all the way from Salaya in Gujarat through the Salaya-Matura Pipeline. Established in year 1998, SMPL's Panipat station was commissioned as a delivery station to meet the crude oil requirements of Panipat Refinery through the SMPL-Cathodic Protection section. Covering an area of 12.35 acres, the SMPL-Panipat station helps meet the demand for petroleum products in the north and northwestern India.



Product Terminal Stations

NRPL-Roorkee

Nestled at the foothills of Himalayas, NRPL-Roorkee is an intermittent delivery station situated in village Landura, Roorkee in Uttarakhand. This station currently hands petroleum products from Panipat and Mathura Refineries through the Kurukshetra-Roorkee-Najibabad Pipeline (KRNPL) which is a branchline of Panipat-Ambala-Jalandhar Pipeline. Though Roorkee station is equipped for full cut and heart cut delivery of products, Roorkee either receives a full cut delivery or is bypassed for Najibabad as the available flow rate in KRNPL is usually insufficient for half cut delivery. NRPL-Roorkee is equipped with several Repeater & Cathodic Protection Stations.



NRPL-Najibabad

Commissioned in 2003, NRPL-Najibabad is a delivery station of KRNPL. With a mainline jurisdiction of 24-km, this station receives multiple products through the 10.75" line from Panipat and Mathura Refinery. The station is nestled inside IndianOil's Najibabad Depot.



NRPL-Una

The Una Delivery Station was commissioned in 2019 to service fuel requirement of Himachal Pradesh through its spurline from Jhuggian (ex-Ambala) to Una tap-off point which is a branchline of Panipat-Ambala-Jalandhar Pipeline (PAJPL). The 61.06-km long PAJPL-Una brandline has an operating capacity of 0.7 MMT, running 47.465 km in Punjab and the remaining length in Himachal Pradesh. This delivery station is equipped with several Repeater & Cathodic Protection Stations under its jurisdiction.



NRPL Sangrur

The Sangrur Delivery Station is a storage & distribution station located in village Kambo Majra, Sangrur in the State of Punjab. Spread over an area of 4.99 acres, the station receives petroleum products through the 14" line from Panipat. NRPL-Sangrur has several Repeater & Cathodic Protection Stations under its jurisdiction.



NRPL-Bathinda

NRPL-Bathinda, a delivery station located within the IndianOil Depot in the city of Mansa, Bathinda, Punjab, is spread over an area of 31800 sqm. It was established as the terminal station for the Kandla–Bathinda Product Pipeline (KBPL) in June 1996. A decade later, in 2006, a portion of KBPL was converted to crude oil service extending till Panipat to meet the increased crude oil needs of the expanded Panipat Refinery. Then, it was rechristened Mundra-Panipat Crude Pipeline (MPPL). The Panipat-Bathinda Product Pipeline (PBPL) was subsequently born out of KBPL's bifurcation. The 14" PBPL pipeline, originating from Panipat, has an intermediate delivery station located at Sangrur, and terminates at Bathinda. It caters to energy requirements of bordering districts in southwestern Punjab and northwestern Rajasthan.



NRPL-Meerut

The Meerut delivery station is a storage and distribution station located in Partapur, Meerut, Uttar Pradesh. The station receives petroleum products through the pipeline from Mathura and Panipat refineries. Spread over an area is 4383 sqm, NRPL-Meerut has several Repeater & Cathodic Protection Stations under its jurisdiction.



NRPL-Tikrikalan

An intermediate Delivery Station, NRPL-Tikrikalan is a storage and distribution location located near Ghevra, Delhi. The station receives petroleum products through the 14" pipeline from Mathura and Panipat refineries. Commissioned in the year 2014, the Tikrikalan Station is spread over an area of 9141 sqm. and is connected with the Panipat-Bijwasan Pipeline.



NRPL-Bharatpur

The Bharatpur Terminal Station, situated in village Dhormui, Rajasthan, serves as the delivery point for the 22.25-km long Mathura-Bharatpur spur pipeline. The station covers an area of 10,000 sqm and facilitates transportation of petroleum products from Mathura Refinery to IndianOil's Bharatpur terminal. NRPL-Bharatpur has several Repeater & Cathodic Protection Stations under its jurisdiction.



NRPL-Jalandhar

NRPL-Jalandhar is a terminal station of the Mathura-Jalandhar Pipeline (MJPL). A highly versatile multi-product pipeline system, MJPL carries various petroleum products including Motor Spirit, Superior Kerosene Oil, High Speed Diesel, and Aviation Turbine Fuel from Mathura/Panipat Refineries to delivery stations and terminals located along the pipeline route in Delhi, Panipat, Ambala, Jalandhar and Meerut. This pipeline spans a length of 526 km passing through Uttar Pradesh, Delhi, Haryana, and Punjab. The pipeline has been meticulously designed to cater to the current throughput demands, with capacities of 3.7 MMTPA in the Mathura-Delhi section, 2.2 MMTPA in the Delhi-Ambala section, and 1.35 MMTPA in the Ambala-Jalandhar section, with flexibility for future expansions to meet growing needs.

To ensure flawless operation of the network, NRPL-Jalandhar has several Repeater & Cathodic Protection Stations under its jurisdiction.



LPG Pump station

NRPL-Karnal

The Karnal Pump Station is a state-of-the-art mother station of Panipat-Jalandhar LPG Pipeline. Located 125 km north of Delhi in Karnal District, Haryana, it stands between the historic cities of Panipat and Karnal. Nestled within the premises of Kohand LPG Bottling Plant, this station receives Liquefied Petroleum Gas (LPG) from the Panipat Refinery and transfers it to downstream stations in Nabha and Jalandhar in Punjab.

The Panipat-Jalandhar LPG pipeline (PJPL) originates from IndianOil's LPG bottling plant at Kohand (Panipat), crosses the LPG bottling plant at Nabha, and terminates at the Jalandhar LPG bottling plant. PJPL is laid out in both new and existing Right of Way (ROW) areas, with approximately 110 km of new ROW, 89 km shared with the existing Panipat-Bhatinda pipeline ROW, and 74 km shared with the existing Panipat-Ambala-Jalandhar Pipeline ROW.

NRPL Karnal has several has several Repeater & Cathodic Protection Stations under its jurisdiction.



LPG Terminal station

NRPL-Nabha

This Station serves as an intermediate Delivery Station for Panipat-Jalandhar LPG Pipeline. Located in district Patiala, Punjab, the Station is nestled within the premises of IndianOil's LPG Bottling Plant in Nabha. The Nabha LPG Bottling plant caters to the LPG requirement in Punjab, parts of Haryana and Himachal Pradesh.



Liquefied Petroleum Gas is transported from Karnal Pump station through the Panipat-Jalandhar pipeline which was built to carry LPG from the production centre at Panipat Refinery to consumption centres in Nabha and Jalandhar. This pipeline's operation is synchronized with LPG Bottling Plants at Kohand, Nabha, and Jalandhar. NRPL's Nabha station has several Repeater & Cathodic Protection Stations under its jurisdiction.



Kaushal Vikas Kendra

IMPARTING SKILLS FOR MAXIMUM EFFICIENCY

Giving impetus to sustained learning and upskilling, Northern Region Pipelines has conceptualised and created the flagship training centre of IndianOil Pipelines Division. Christened Pipelines Kaushal Vikas Kendra, this state-of-the-art learning centre is located in Budhpur near the Rewari Station of Northern Region Pipelines. This ultra-modern facility has been designed to impart necessary skills and knowledge on use of equipment related to operations and maintenance of pipelines.

Featuring an eclectic collection of mechanical, electrical, T&I & mainline equipment, cut-out models etc. displayed to foster intrinsic learning, understanding functionality, maintenance requirements, spares management pertaining to the equipment, etc. this training centre is the hallmark of excellence. The comprehensive display of equipment, coupled with engaging assembly games and interactive challenges, makes learning both effective and enjoyable.



The Pipelines Kaushal Vikas Kendra is a testament to IndianOil's commitment to training and development in the field of pipeline maintenance. By providing inductees with hands-on experience and interactive learning opportunities, the Centre ensures they are well-prepared to handle the complexities of their roles. This holistic approach to training not only enhances the skills and knowledge of the inductees but also fosters a culture of expertise and safety within the organization.



Pipelines Kaushal Vikas Kendra at Rewari

Greening the Road to Energy Independence

India's resolve to achieve the Net Zero Goal by 2070, defines a 'New India' that is ambitious, socially empathetic and environmentally sensitive.

IndianOil aspires to be the vitalising force in greening an ascendant India. Aligning with the national targets, IndianOil has committed itself to achieving Net-Zero operational emissions by year 2046. This declaration is a defining moment in IndianOil's history that demonstrates its firm resolve to lead India's energy transition journey from the front. A well-crafted blueprint powered by an investment of USD 30 billion till 2046, has been put in place that straddles emission mitigation pathways such as green hydrogen, biofuels, carbon offsetting and carbon capture, utilization & storage.



NRPL: Committed to future-readiness for Hydrogen transportation

Aligned with the national commitment of New Zero by 2070, the Government of India declared the National Hydrogen Policy that seeks to develop green hydrogen production capacity of atleast five million metric tons (MMT) and an associated renewable energy capacity addition of about 125 gigawatts (GW) by 2030.

Aiming to power future mobility with Hydrogen-based solutions, IndianOil is committed to ensuring Hydrogen readiness of its pipelines by year 2030 by developing capability to transport Hydrogen gas through the existing natural gas infrastructure across the country. In pursuit of strengthening the energy transition pathway, IndianOil is collaborating with Italy's Snam SpA, to explore the possibility of converting the existing natural gas pipelines or hydrogen transportation.

The **Dadri-Panipat Pipeline of Northern Region Pipelines** is the first Pipeline section to be identified for a pilot project to assess Hydrogen Readiness. Playing the first mover, the 6" 6.4-km long Dadri-Panipat spur line is executing a plan with in-house fabrication and erection of PIG (Pipeline Instrumented Gauge) launcher and receiver. The spurline has been cleaned along with bi-directional pigging and is ready for assessment of Hydrogen transportation.

A new dawn is on the anvil.



Dadri-Panipat Gas Pipeline



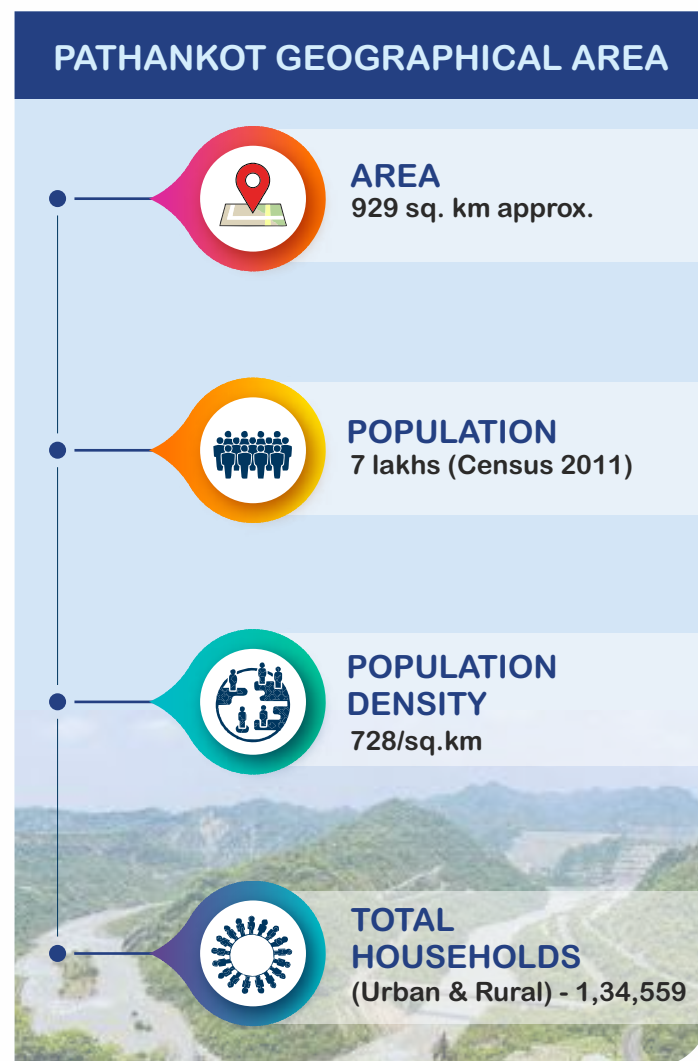
Signing of Agreement with Snam SpA for Assessment of Hydrogen Transportation

City Gas Distribution Network in NRPL

A versatile fuel, natural gas bridges the gap between renewables and traditional fuels, promising a sustainable and secure energy future for our country. IndianOil's natural gas business is deeply aligned with the national ambition of making natural gas reach 15% in the energy pie by 2030 and reduce carbon footprint in hard-to-abate sectors. IndianOil has allocated significant investments towards City Gas Distribution (CGD) projects to supply clean and affordable energy to a wide customer base, cementing our position as a leader in the sector.

IndianOil is present in 49 geographical areas 112 districts spread across 21 states and UTs, making it one of the largest CGD players in the country. Out of this kitty, **Northern Region Pipelines holds the Jammu and Pathankot geographical areas.** This further underscores the pledge to expand our product portfolio to meet the energy needs of industries, households & transport sector.

The **Pathankot geographical area** authorises NRPL to build, operate and expand City Gas Distribution network in the strategic Pathankot district. Pathankot is a small city of Punjab. It is a confluence of Punjab, Himachal Pradesh and Jammu & Kashmir and serves as travel hub for them. It is the last city in Punjab on the national highway that connects the union territory of Jammu & Kashmir with the rest of India. Pathankot shares its boundaries with Kangra, Chamba and Kathua districts.

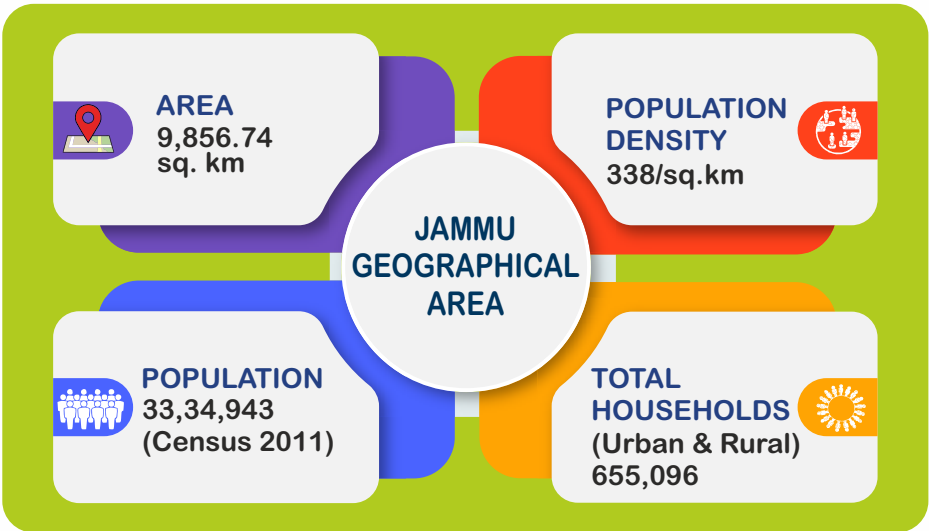


Allotted to IndianOil in year 2022, the eight-year Minimum Work Program requirement of PNGRB for Pathankot GA envisages setting up 51 CNG stations, PNG connectivity to 2,62,740 households and laying 151 inch-km of steel pipeline. The overall natural gas demand of Pathankot district is expected to be significant (0.349 MMSCMD by end of the 25th year and 0.126 MMSCMD by end of the eighth year) with a big chunk of demand expected from CNG (automotive) segment and a considerable pie contributed by the commercial PNG (Piped Natural Gas) segment.

The three CNG stations currently operational in Pathankot GA earned the distinction of being the first to be commissioned on standalone basis by IndianOil in Punjab.



The Jammu geographical area authorises NRPL to build, operate and expand City Gas Distribution network in Jammu region spanning five districts namely Kathua, Samba, Udhampur, Reasi and Jammu. The geographical area is surrounded by the Himalayas in the north. Jammu, Samba and Kathua districts are located at the border with Pakistan in the south-West. Kathua district serves as a gateway for rest of the country to enter Jammu & Kashmir through its famous township Lakhenpur.



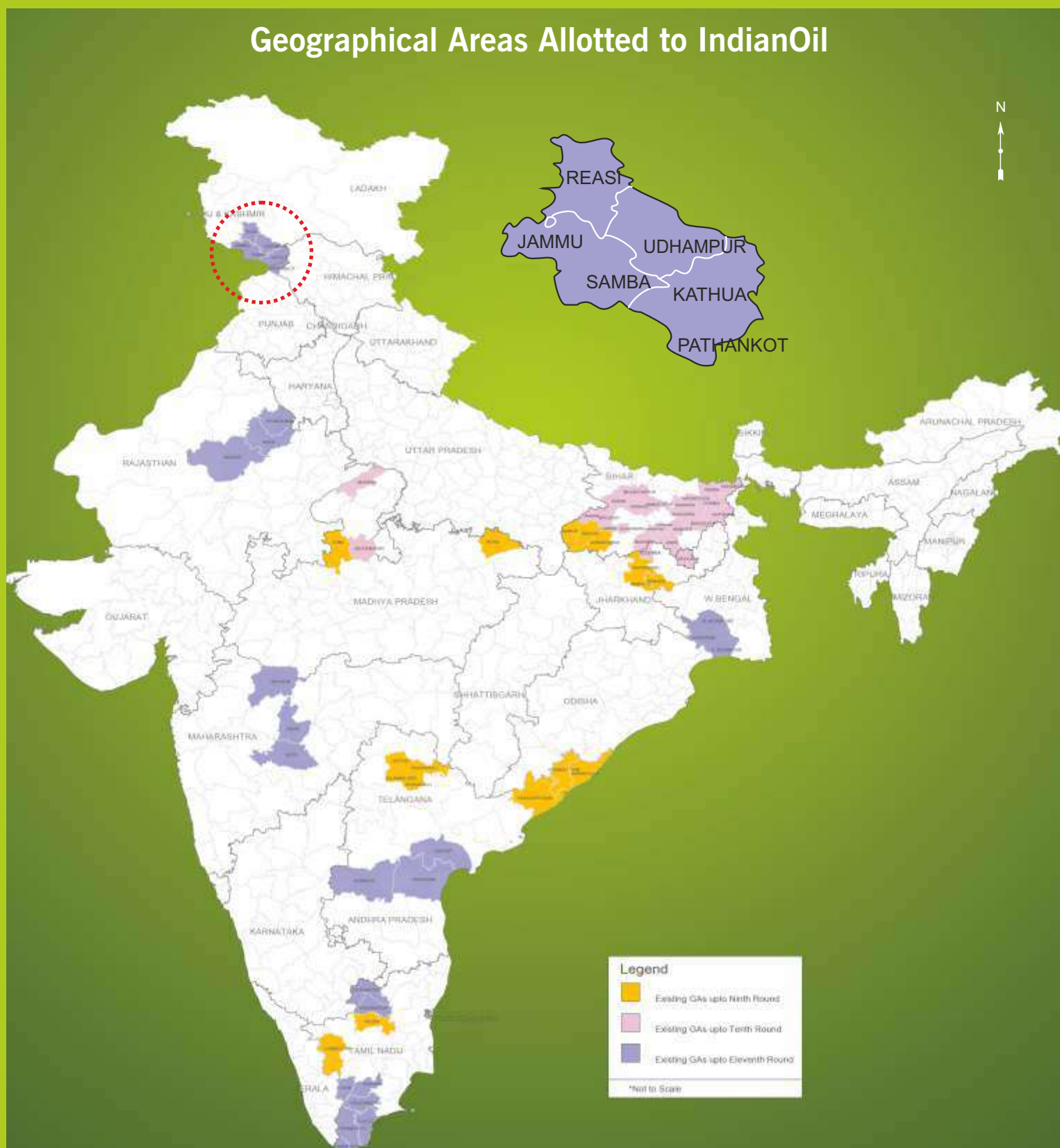
Being the focal point for pilgrims & tourists visiting the Mata Vaishno Devi shrine, Katra and Kashmir valley, tourism is one of the main drivers of natural gas demand in Jammu GA. All routes leading to Kashmir, Poonch, Doda and Ladakh commence from Jammu city.

Allotted in year 2022, the ten years Minimum Work Program requirement of PNGRB for Jammu GA envisages setting up 121 CNG stations and PNG connectivity to 14,52,352 households. The overall natural gas demand of Jammu GA is expected to be significant (1.065 MMSCMD by end of the 25th year and 0.395 MMSCMD by end of the eighth year) with a big chunk of demand expected from CNG (automotive) segment and a considerable pie contributed by the commercial PNG (Piped Natural Gas) segment. This GA also has significant industrial demand in Kathua, Samba and Jammu districts. In view of J&K government giving incentives to propagate industrial growth in the region, natural gas demand is expected to grow in line with Government of India's vision of ushering in a gas-based economy.

With the commissioning of IndianOil's first CNG fuel station in Samba district, 26th February 2024 marked the advent of natural gas in J&K region ensuring availability of clean, affordable and environment friendly fuel to the people. The second CNG fuel station would be ready for commissioning by August 2024.

Both Jammu and Pathankot geographical areas are proposed to be linked with the Gurdaspur-Jammu cross-country natural gas pipeline being built by GAIL (India) by July 2026.

Geographical Areas Allotted to IndianOil



Empowering Communities Championing Social Stewardship

Driven by the core values of **Nation First, Care, Innovation, Passion & Trust**, IndianOil believes in conducting business with a social conscience.

Guided by this corporate philosophy, Northern Region Pipelines (NRPL) is proud to be a catalyst for social change by empowering communities in the vicinity of our locations, igniting hope and transforming lives of fellow Indians. NRPL has been scripting new chapters in social upliftment by targeted community development activities in villages along the pipeline Right of Way (ROW). We partner with communities by supporting numerous initiatives straddling health, family welfare, education, environment protection, sanitation, empowerment of women and other marginalised groups.



Project Sri Anna Millets Punaroddhar

This program targeted 20 villages near the pipeline ROW in Mathura and aimed to provide nutritional sufficiency to those in need. Under this programme, 200 pregnant women and 1000 malnourished children were provided with millet kits. To ensure continuity and self-sufficiency, millet seeds distributed to 2000 farmers in Mathura district of Uttar Pradesh alongwith necessary training in farming techniques.



Project Garima

This thoughtfully curated project was a menstrual hygiene management initiative that included installation of 150 automatic sanitary napkin vending machines and 50 sanitary napkin incinerators in 41 government girls' schools across Delhi, Rajasthan, Haryana and Uttar Pradesh. To address the myths around menstruation, mass awareness campaigns were conducted in these schools. This intervention directly addressed the challenges connected to lack of information and access along with community awareness on this sensitive issue.





IndianOil



70-71



Project Vayu-Amrit

Crop Residue Management Initiative

Demonstrating environment consciousness, Project Vayu Amrit was implemented to address the issue of stubble burning in Punjab. NRPL implemented a crop residue management project in Sangrur, Punjab, across nine villages on the ROW, covering 23,000 acres of land. This initiative benefitted over 3,500 farmers, and mitigated carbon emissions of 43.9 KT CO₂ equivalent.



In Patiala, 16 villages on the ROW were identified under Vayu Amrit project that was implemented in collaboration with CII Foundation, covering 15,439 acres of land and benefitting 2,618 farmers.



Project Ni-kshay

To strengthen India's fight to eliminate tuberculosis and promote attain "TB Mukht Bharat by 2025", NRPL undertook two projects in Uttarakhand and Uttar Pradesh. In Uttarakhand, 805 patients belonging to underprivileged sections from ROW villages of Laksar, Landhaura, Roorkee and Bhagwanpur blocks of the aspirational district of Haridwar were adopted in two phases with stupendous success rate of recovery seen in adopted patients. In Uttar Pradesh, the project was implemented in Meerut District and four TB diagnostic machines were provided to the TB Centre, District Hospital, Meerut to aid early detection.



Project Sanjeevan

Ambulances were provided to Government Hospitals in Una, Phagwara (Kapurthala), Rewari and Bharatpur.

Project e-motion

In a step to promote inclusion of the specially-abled into the mainstream, motorised wheelchairs were provided to 25 beneficiaries. Assistance was also provided for registering as delivery agents through reputed food delivery apps.



The journey continues...

Making an indomitable mark on the Indian oil & gas landscape, the Northern Region Pipelines stands as a beacon of excellence and innovation.

An essential force, integrating the business ecosystems of the Refining and Marketing Divisions of IndianOil, Northern Region Pipelines has been contributing to the exponential growth of IndianOil in the region. Our pipeline network, spanning approximately 3,000 km, crosses diverse terrains to ensure seamless transportation of energy to northern part of the country.

Over years, the Northern Region Pipelines has scripted success stories, reflecting relentless pursuit of excellence, pioneering green initiatives and underscored its commitment to sustainability.

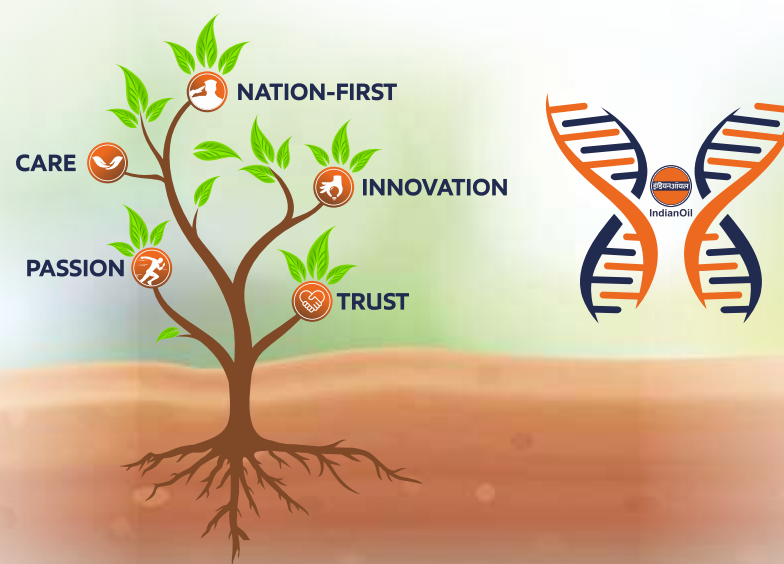
The success of Northern Region Pipelines is driven by the extraordinary saga of courage, passion, and dedication of its energy soldiers. The dreams and endeavours of Team NRPL are powered by IndianOil's deep-rooted core values of Nation First, Care, Innovation, Passion, and Trust. Unwavering focus on safety and innovation is at the heart of our operations.



Panipat-Jalandhar Pipeline

Looking ahead, Northern Region Pipelines is poised for further expansion and innovation. Our strategic focus on scaling up the natural gas pipeline network and emerging as a major player in the City Gas Distribution business in our Pathankot & Jammu GAs aligns with national priorities. Supporting future mobility through readiness for Hydrogen transportation is a priority.

Infrastructure augmentation and capacity expansion scores high on the agenda. Integrated with the expansion of Panipat Refinery's capacity, the existing pipeline capacity is being enhanced to 25 MMTPA by laying a new Mundra-Panipat Pipeline to cater to the enhanced crude oil requirements of the Panipat Refinery. Extension of our Panipat-Jalandhar LPG Pipeline to Goindwal Saheb LPG Bottling plant is envisaged by July 2025, which will boost energy sufficiency in the region.



From bustling cities to the remotest areas, Northern Region Pipelines serve as the vital vein of energy, delivering not only crude oil, petroleum products, and natural gas, but also a million smiles. This extensive network underscores our commitment to Northern India's energy security and sustainable development.

*This publication is a tribute to the remarkable journey of NRPL, celebrating the spirit, achievements, and aspirations of IndianOil's Pipelines Division. As we commemorate this milestone, we reaffirm our commitment to excellence, technological innovation, and sustainability. Together, we will continue to fuel the Nation's growth and uphold IndianOil's legacy of service to the Nation, and as we say **On Duty Hamesha.....***

Down the memory lane

Messages of former Regional Heads



Narayan Prasad
(19.07.1999 - 26.03.2001)

“As we stand on the threshold of celebrating NRPL's Silver Jubilee, I extend my heartfelt congratulations to every member of the NRPL family for achieving this remarkable milestone. From its inception on July 19, 1999, to its present stature, NRPL has consistently exemplified innovation, active participation, and a steadfast commitment to sustainability. Let us renew our commitment to driving forward with the same zeal and enthusiasm on this special occasion. May NRPL continue to be a beacon of progress and innovation, illuminating the path towards a sustainable and energy-secure India. Congratulations once again to all, and here's to many more years of success and excellence.”



Dinker Gadhvi
(09.04.2001-29.03.2005)

“It is a matter of pride that the Northern Region Pipelines of Indian Oil Corporation Pipeline Unit is celebrating a silver jubilee on its successful operation for the last 25 years. And it continues to serve the nation further for its energy requirements. I wish all the best to all the units of Indian Oil Corporation for their best performance in the future too.”



S R Bhaskar
(30.03.2005-31.01.2008)

“I superannuated when Panipat Jalandhar LPG line was under construction. The enormous complexity of so many modifications and changes happening simultaneously was mind boggling. I look back with pride the excellent support I received, and guidance from seniors that was instrumental in pipeline construction and project implementation.

I cherish and honor my memorable time at Northern Region Pipelines Panipat. My best wishes to Northern Region Pipelines to grow in stature and achieve many milestones in pursuit of excellence and commitment to progress and continue to serve our great Nation and keep inspiring in the years to come. Always an IOCIan.”



T V Mohan

(12.03.2008-30.06.2009)

“ I reported to Northern Region Pipelines regional office at Panipat for my last assignment. With my project office exposure in the execution of detail engineering for MJPL, linking KBPL to MJPL by loop line, execution of line balancing tanks, VCPPL, conversion of KBPL to Crude oil service, branch line to Saharanpur, Mathura-Tundla pipeline, reversed pumping from Panipat, Naphtha service line, LPG pipeline and Dadri Panipat Gas pipeline I hardly require any briefing and was at ease from day one.

With ever increasing operation and maintenance demand added with ongoing construction of LPG, GAS and Naphtha pipeline kept the small span of my service at Northern Region Pipelines eventful and enjoyable. It was a great pleasure to have worked as part of a dedicated team covering all departments making every day meaningful. ”



Prosad Bhattacharya

(1.10.2010-11.03.2011)

“ Though my tenure in NRPL was somewhat brief, it was a turbulent and challenging period. I am indebted to all the NRPL family members for their contributions and support extended to me during my term. I sincerely hope that NRPL will scale new heights, add more laurels and distinctions in coming years. ”

Down the memory lane

Messages of former Regional Heads



H P Sahi

(12.03.2011-30.04.2012)

“This Silver Jubilee marks a quarter-century of dedication, resilience, and extraordinary success. I have served NRPL at Panipat for more than a decade and I consider it one of the best periods of my life. It fills me with immense pride to see how far Northern Region Pipelines has come over the past 25 years. Having had the privilege of being part of this incredible journey, I am deeply grateful for the memories, friendships, and professional growth that Northern Region Pipelines of Indian Oil Corporation Ltd. has given me. This milestone is a testament to the hard work, dedication, perseverance, and collective effort of every individual who has contributed to the success of the company.”



B D Yadav

(01.05.2012-28.04.2014)

“My association with NRPL began in 1991 during the KBPL days, involving both construction and HR leadership roles until 1999. Later, after a promotion from GM (Operations) at PL HO, I became ED at NRPL Panipat in 2012, serving as NRPL Head until 2014. One of the major challenges addressed was frequent pilferage incidents averaging three per month, some causing field fires. The response was the "KIL-PIL" program launched on Indian Oil Day in 2012, aimed at eliminating pilferage. This initiative achieved unprecedented success, with zero pilferage in NRPL for over a year.

Hope and pray that the journey continues with larger vigour for all the times to come.”



J P Ojha

(12.05.2014-02.03.2015)

“The growth story of IOCs pipelines network in Northern Region had been tremendous and now it is one of huge network of multiple pipelines covering entire spectrum of energy fuel system.

A notable achievement was the introduction of CDR (Drag Reducing Agent) in the Delhi-Ambala section, which increased flow by up to 40% with the same discharge pressure. This successful trial led to its widespread adoption across pipelines, reflecting a commitment to innovation and efficiency. There are many more such memories which have been down the memory lane.

I wish continued growth of Northern Region Pipelines and IndianOil.”



R K Samtani

(01.06.2015-07.03.2017)

“Silver Jubilee Day is not just about celebrating 25 years of Northern Region Pipelines, it's about celebrating the audacious spirit that lives within all of us. We all know, that bringing Northern Region Pipelines to current level isn't a walk in the park. There were roadblocks, hurdles, moments when the future seemed uncertain. But overcoming those have been possible only with the unwavering support of incredible team behind NRPL.

Today, Northern Region Pipelines stands as an inspiration with a team of highly motivated professionals. But this is just the beginning. There will be bumps, there will be detours, but never lose sight of that spark that ignited your passion and spirit. Never stop believing in the power of your ideas, your determination, your innovation, and your unwavering belief in a better tomorrow.”

Down the memory lane

Messages of former Regional Heads



B K Ray

(02.09.2017-07.02.2019)

“Heartiest Congratulations on 25th anniversary of Northern Region Pipelines Panipat. It has been an honor and pleasure for me to be a part of Northern Region Pipelines. There was great opportunity to learn and upgrade the knowledge and skills required in pipeline transportation.

Wishing Northern Region Pipelines a safe, productive, and long operating life to cater the needs of people.”



V C Sati

(08.02.2019-05.02.2020)

“It was my privilege and honor to lead the vibrant and enthusiastic Northern Region Pipelines Team for about a year. There were challenges, especially w.r.t. Pipeline safety & Security, Integrity Management, Product Quality etc. However, with best operation & maintenance practices fully supported by dedicated efforts and commitment of Team Northern Region Pipelines, these were overcome successfully.

I am confident the Northern Region Pipelines would continue to play a significant role as energy carrier and contribute to growth of the Nation.”



S. K. Sur Chowdhary

(06.02.2020-28.02.2022)

“I joined in February 2020 as ED, NRPL with a smooth hand-over, but the onset of COVID-19 soon required us to adapt to remote work to cover 7 states and 17 locations. Despite this, we achieved key milestones including the PBPL AUG & ATF pipeline projects, replacement of LPG pipeline valves, introduction of drone surveillance, and development of a pilferage protection system.

I'm grateful to the NRPL team for their dedication, which ensured zero casualties during the pandemic. It's been a rewarding experience leading operations amidst adversity.”



S K Kanojia

(28.02.2023-30.06.2024)

“My journey in Northern Region Pipelines is very special, because I started my professional career as "A" grade officer from Northern Region Pipelines itself on 28th Jan'1988 from Mathura (at that time MJPL Mathura), when the pipeline network used to be just over 500 km with just one line, i.e. MJPL and now superannuated recently on 30.06.2024 from the same region as ED & Regional head, when Pipeline network has crossed 2900 Km with several product pipelines with addition Crude, LPG and R-LNG pipelines also and CGD.”

Glimpses of a glorious journey



Mr. K.K. Jha, Director (Pipelines) unveiling plaque for Gas delivery to Panipat Refinery (29.09.2010)



Foundation Stone laying of Panipat-Jalandhar LPG Pipeline



Best Station Awards ceremony 2017



Regional Review Meeting at Dalhousie (1-2 July 2022)



Mr. Sarthak Behuria, Chairman, IndianOil inaugurating the Jalandhar Control Room



Business Partners Meet of NRPL



Visit of Mr. S.M. Vaidya, Chairman, IndianOil to SMPL



Inauguration of JPNPL (January 2019)

Glimpses of a glorious journey



Ms. Sukla Mistry, Director (Refineries) visit to NRPL



Delivery of LPG at Nabha



NRPL Sangrur Station received 1st Prize in Regional STA 2021-22 in Delivery Station category



50 kw Solar Plant inauguration at Kohand



Crude Scheduler software inauguration (13-01-2020)



Mr. K.K. Jha, Director (Pipelines) inaugurating DPPL Operations at NRPL Panipat Station (29.09.2010)



Chairman Mr. S.M. Vaidya's visit to NRPL-Roorkee Pump Station



Connectivity Agreement with IGL (2018)

Glimpses of a glorious journey



Ms. Sukla Mistry, Director (Refineries), reviewing operation activities at SV-01 location of Dadri-Panipat R-LNG Gas Pipeline (DPPL)



Commissioning of Micro Polypet Line



Gas Meet at NRPL (25.02.2022)



NRPL-Una Commissioning Activities June 2019



IndianOil