

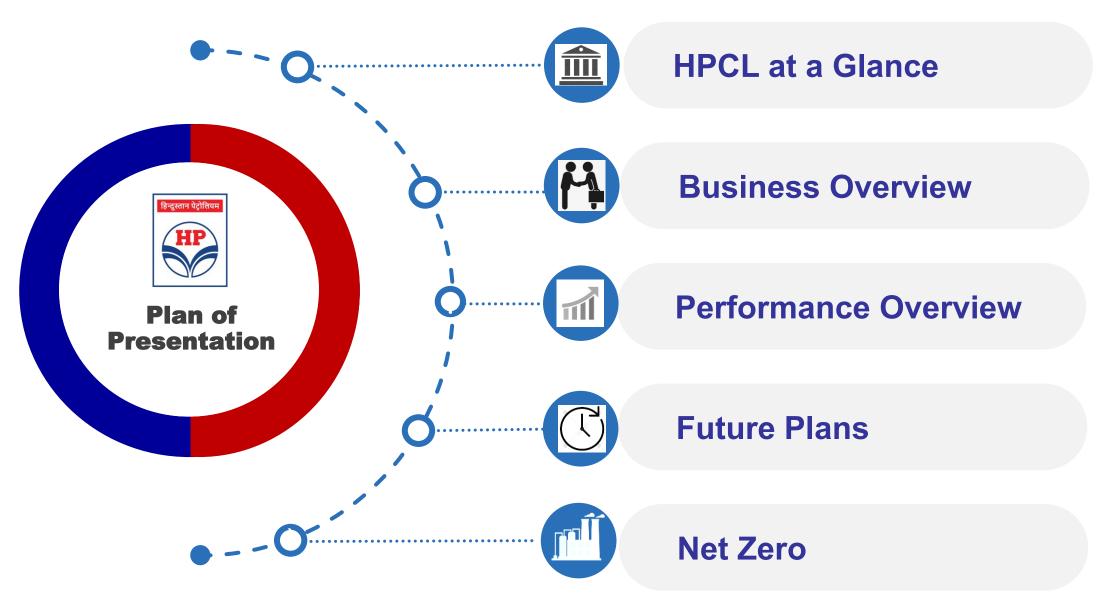
# Hindustan Petroleum Corporation Limited

**Investor Presentation** 

Mumbai August 07, 2025

## **Plan of Presentation**





# **HPCL** at a Glance

### **HPCL** at a Glance





Operating in India for 100+ Years



Maharatna Company



Owns & Operates Largest Lube Refinery In India



2<sup>nd</sup> largest Retail Network Holder



2<sup>nd</sup> largest Cross Country Product Pipeline Network



2<sup>nd</sup> largest LPG Marketer



State-of-the-art R&D Setup

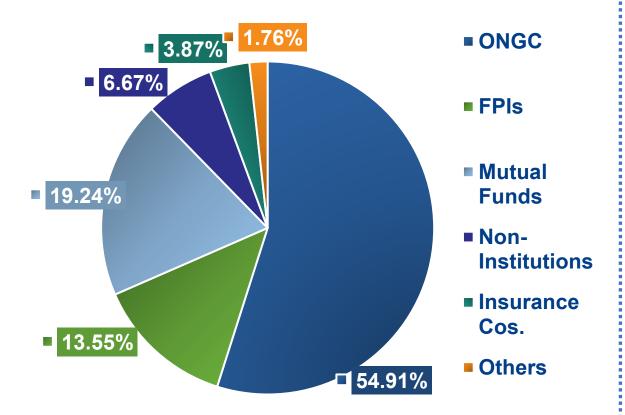


Enduring
Relationship with
Stakeholders

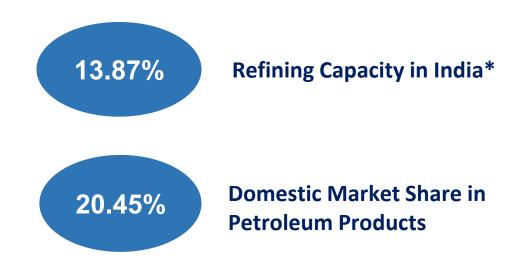
## Shareholder Profile and strong presence in Indian O&G Sector



#### Shareholding Profile as of 30<sup>th</sup> June, 2025

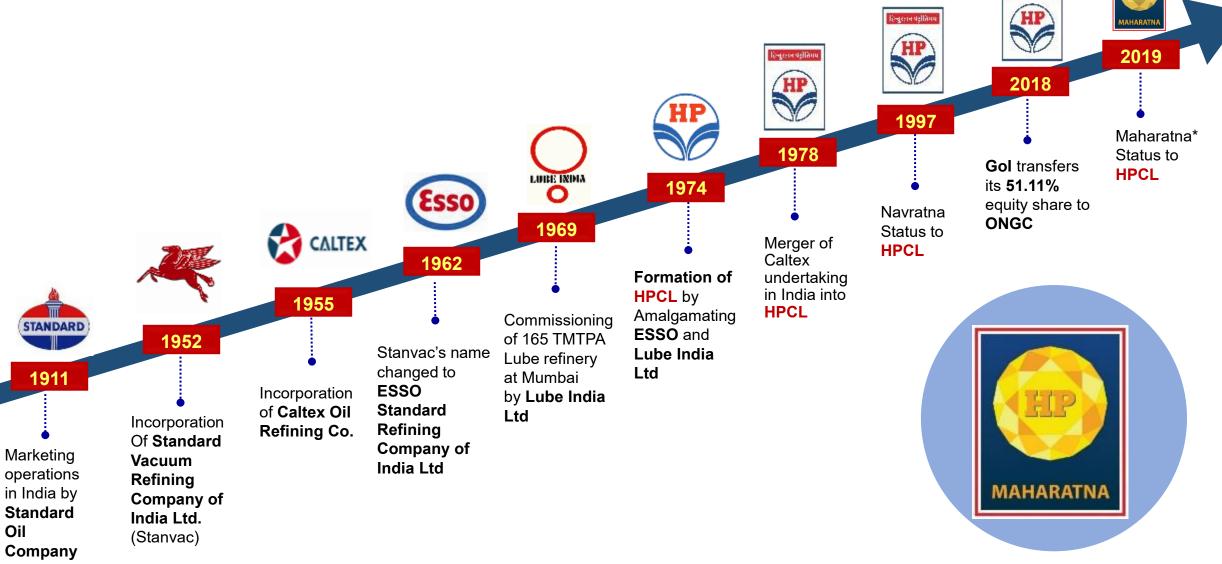


#### **Strong presence in Indian Oil & Gas Sector**



<sup>\*</sup> Incl. HMEL capacity and Visakh Refinery Capacity at 15.0 MMTPA as of 30.06.2025 (~ 16.9% post expansion of HMEL and post-completion of HRRL)

## **Legacy of over 100 years**



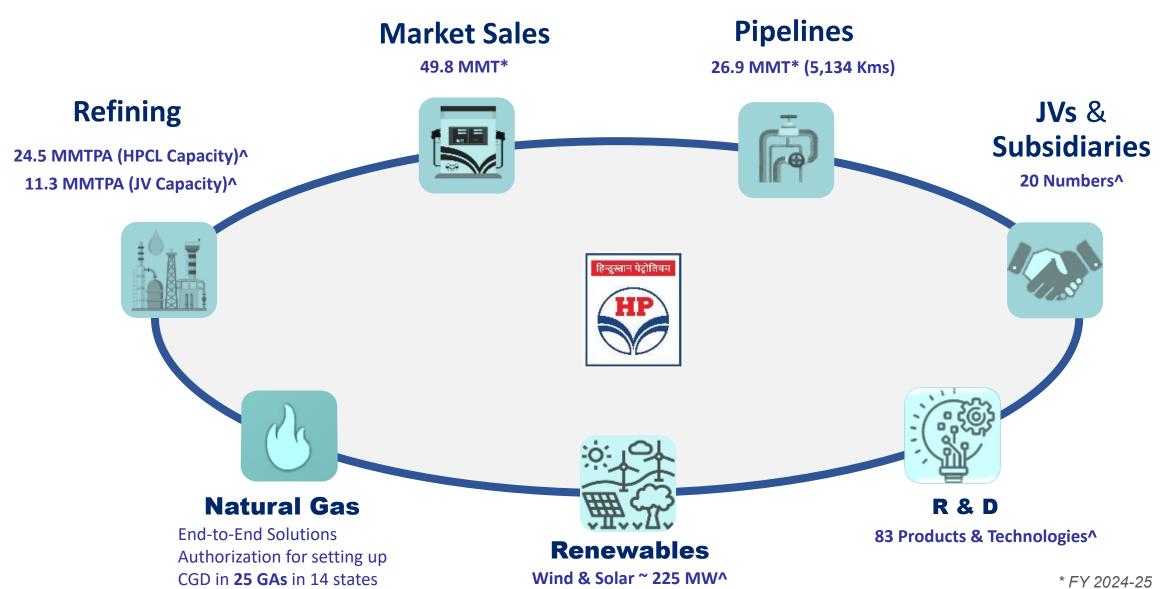
Delivering Happiness

# **Business Overview**

### **Diversified Portfolio**

5 MMTPA LNG terminal by HPLNG



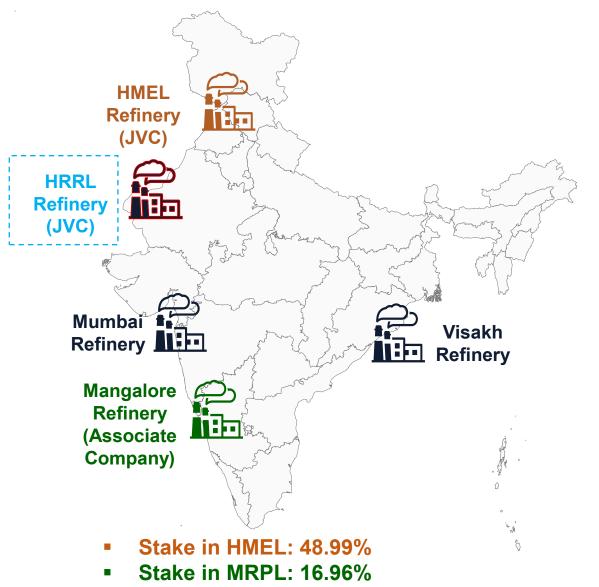


(Wind: 100.9 MW; Solar: ~124.2 MW)

^As of 30.06.2025

## **Refinery Infrastructure**





Refining Capacity in MMTPA		
Mumbai	9.5	
Visakhapatnam	15.0	
Total HPCL	24.5	
HMEL (JVC)	11.3	
Total (marketing rights)	35.8	

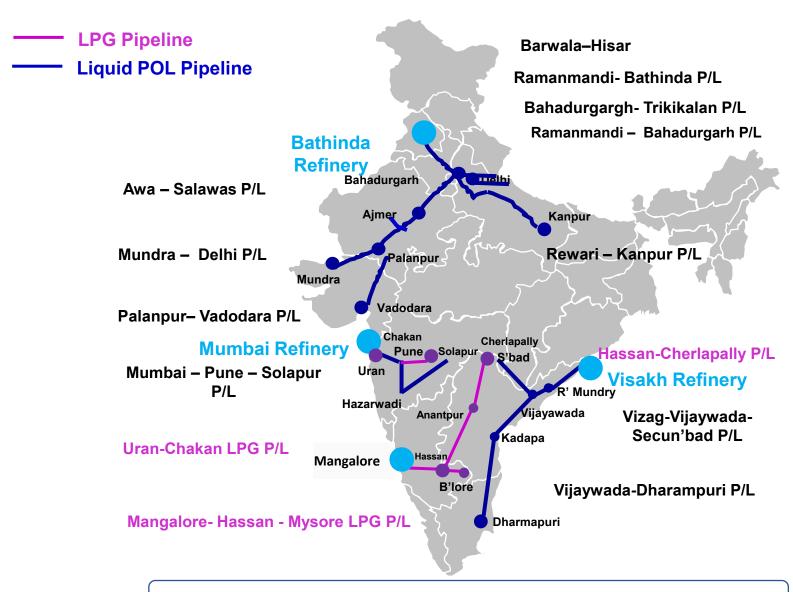
### **Lube Refinery (Mumbai): 428 TMTPA**

- Coastal Refineries
- Pipeline connectivity to hinterlands
- Product evacuation majorly through Pipelines

Stake in HRRL (Under Construction): 74%

## **Cross Country Pipeline Network**





\*17 cross country
Pipelines with total
Pipeline network of
5,134 km

Pipelines by JV companies: 1,380 Km

1,017 Km: HPCL Mittal Crude P/I, 363 Km: PMHBL

\*Product Pipeline includes: 21Km: Mumbai Vashi Black oil Pipeline (BOPL), 20Km: MR to Airport ATF Pipeline and 17Km: Trombay to Wadibunder Lube Oil Pipeline (LOPL)

## **Supply Infrastructure**



### **Terminals/TOPs/Depots**

### **Exclusive Lube Depots**

**LPG Plants** 









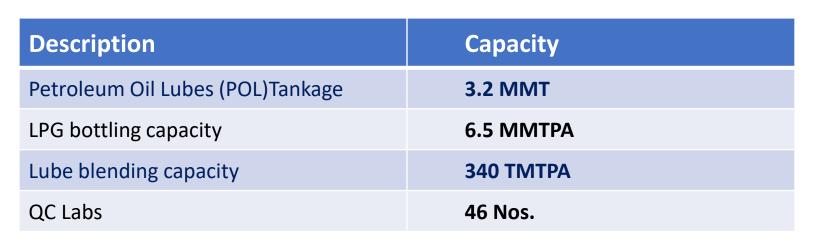


80

29

**55** 

**57**Lube Blending Plants





Strategically located state-of-art Infrastructure

)4

## **Customer Touchpoints**





















D - 4 - !!		41	1 - 1 -
Retail	U	uti	ets

**LPG Distributorships** 

**SKO / LDO Dealerships** 

**Lube Distributors (Ind & Auto)** 

**Mobile Dispensers** 

**CNG facilities at ROs** 

**EV** Charging facilities at ROs

**LPG Consumers** 

**Daily Customer Interactions** 

23,901

6,384

1,638

**521** 

883

2,071

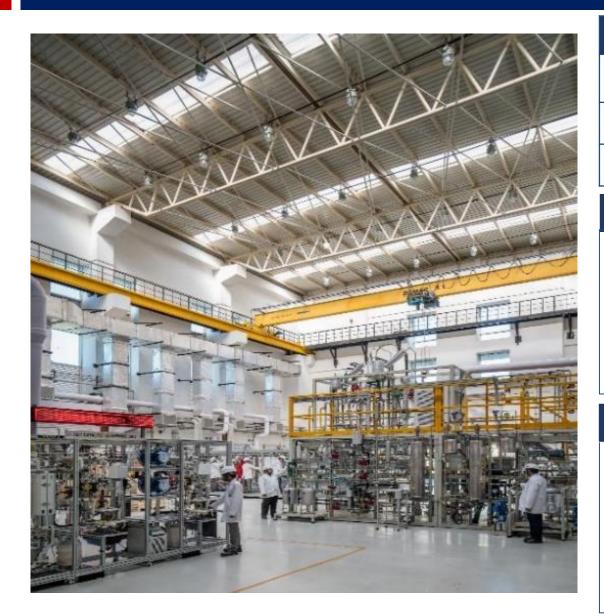
5,334

~97 Million

~25 Million

### **Focus on Research and Development**





R&D Achievements		
New Technologies / Products demonstrated	83	
Patents applied	669	
Total Patents granted	259	

### **R&D Technologies and Products**

Technologies: HP-ASAP, HP-RAMP, H2 PSA Technology, HP-Trijet, H-CNG, HP-HiGAS Technology, SprayMax Feed Nozzle HP-DAK, HP-VRU etc.

Products: Fuel Additives, Catalysts, Bio Products, Process Chemicals, Hygiene Products, Specialty Products.

#### **R&D Thrust Areas**

- Indigenisation of Refinery Technologies, Catalysts & Chemicals
- Process intensification
- Bio Fuels
- Petrochemicals & Polymers

### **HPGRDC** Research Labs







#### **Phase-I**

Crude Evaluation & Fuels Research

Process Modelling & Simulation

Hydro-processing

Catalysis

Bioprocess

CoE Nano-Technology

Analytical and Chemical Synthesis

Standard testing

FCC/RFCC

#### **Phase-II**





Petrochemicals & Polymers

Battery

Engine

Centre of Excellence Lubes

Residue Upgradation

Digital

Corrosion Studies

Water Research

Novel Separations Centre of Excellence – Bitumen Pavement & Research

Combustion Research

### **Joint Ventures and Subsidiaries**



### Oil refining









#### Oil supply infrastructure and marketing











### Joint venture in Natural gas infrastructure & marketing













GITL- GSPL INDIA TRANSCO LIMITED: GIGL - GSPL INDIA GASNET LIMITED

#### **Subsidiaries**

Biofuels

Natural Gas

Upstream

Overseas Marketing

Renewables











HMEF- HPCL Middle East FZCO

Introduction of new technology and growth through Partnerships

## **Ratings and Accolades**



## At par with India's Sovereign Rating



Baa3 (Stable)



BBB- (Stable)

### **Recognitions and Accolades**





FIPI Sustainably Growing Corporate of the Year 2023



SCOPE Eminence Award for HR Management,
Digital Transformation & Effective implementation of RTI Act

## **Emphasis on Talent Management**



#### Induction

Structured Induction process to Learn, Grow and Lead



**SAMAVESH** 

### Recognition

Rewarding Values for driving Performance





### Capability Building

Behavioural / Functional and Technical training









### Leadership

Building Strong Leadership Pipeline









## **CSR**: Touching Lives Every Way





HPCL's CSR focus areas are guided by National Policies and Priorities for the Welfare of Children, Women, and the Weaker Section of the society

~44 lakh lives benefitted since implementation of CSR Rules, 2014

# **Performance Overview**

## **Quick Snapshot: FY 2024-25**







Highest Ever Refinery
Thruput
25.3 MMT



Highest Ever Market
Sales
49.8 MMT



Highest Ever Pipeline
Thruput
26.9 MMT



**Profit After Tax** Rs. 7,365 Crore



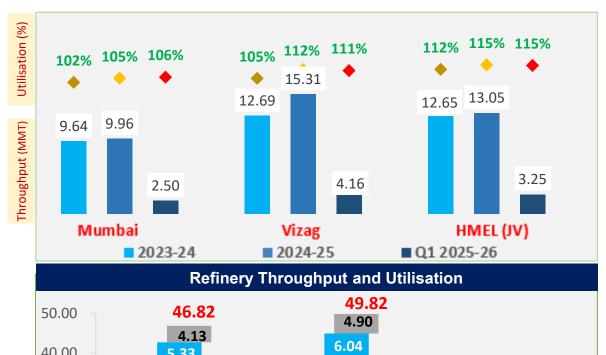
Revenue from Operations Rs. 4,66,346 Crore

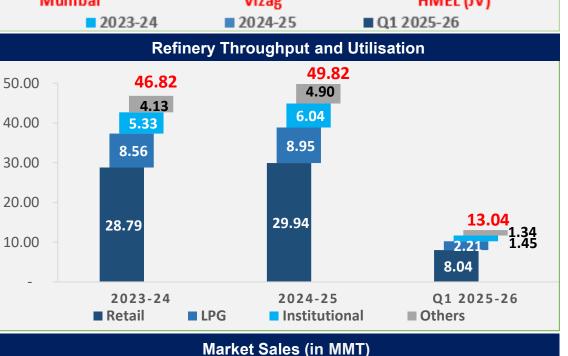


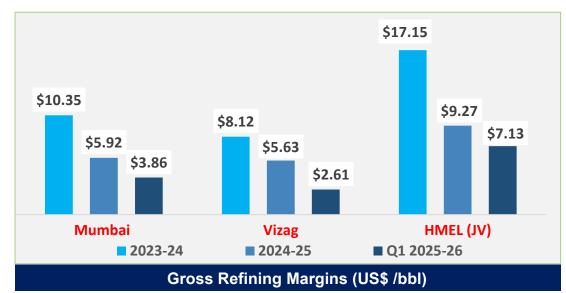
Refinery GRM US\$ 5.74 / bbl

## **Strong Refining & Marketing Performance**







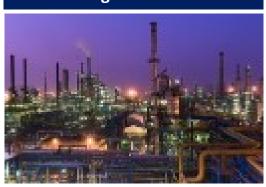


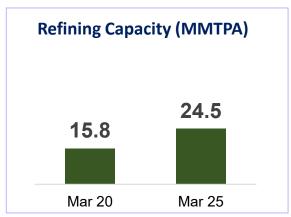


## Infrastructure Capability enhancement in last 5 Years



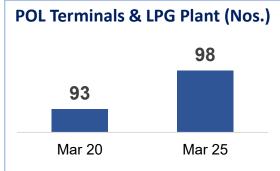
#### **Refining Infrastructure**

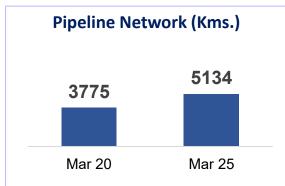




#### **Supply & Distribution**





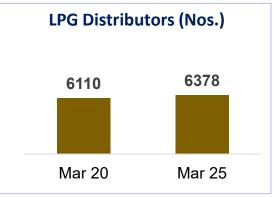


#### **Customer Touchpoints Infrastructure**

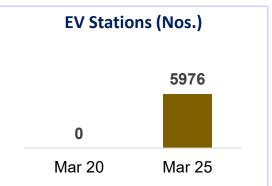












## Strengthening of Infrastructure across value chain



Area of Value Chain	Investment (Rs. Cr)
Refining Capacity Expansions	24,350
<b>Expansion of Pipeline Network</b>	6,495
LPG Plants / POL Depots / Capacity Augmentations	8,853
Expansion of CGD Network	3,800
Enhancing Biofuels & Renewable capacities	1,260
<b>Expanding Customer touch points</b>	9,626
Equity Investment in JVs & Subsidiaries	16,165
Others (R&D, Digital Transformation etc.)	2,480
Investments during last 5 years (Rs. Crore)	73,000

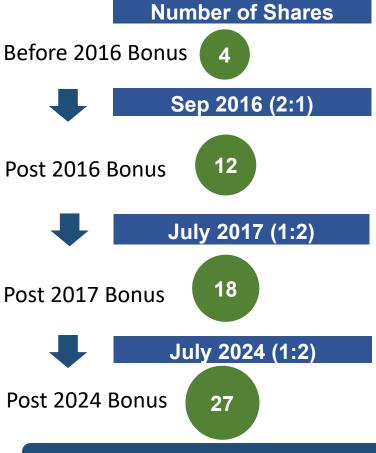
### **Return to Stakeholders**



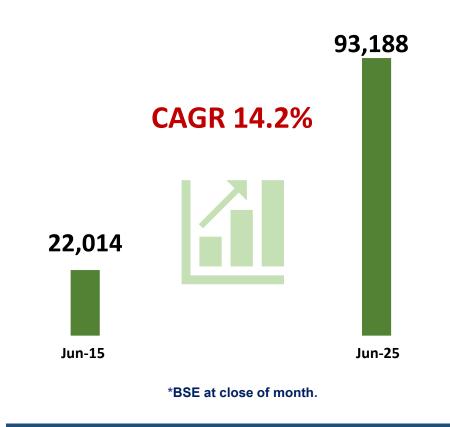
### **Return to Shareholders**

### Market Cap (Rs. Cr)\*

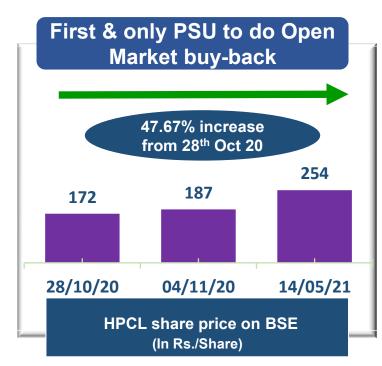
### **Share buy-back Program**







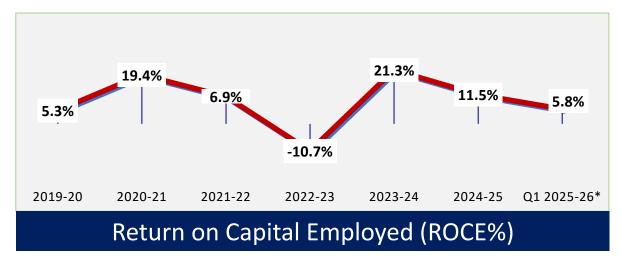
**Total return to Shareholders ~ 20%** 

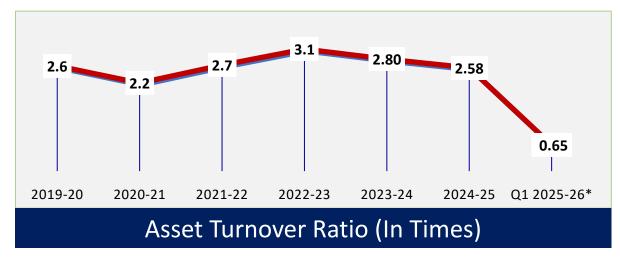


- Board approval share buy back worth Rs. 2500 Cr on 4<sup>th</sup> November 2020
- Maximum Buyback Price at a premium of 45.52% and 45.43% over the closing prices on both BSE and NSE, respectively, on October 28, 2020.

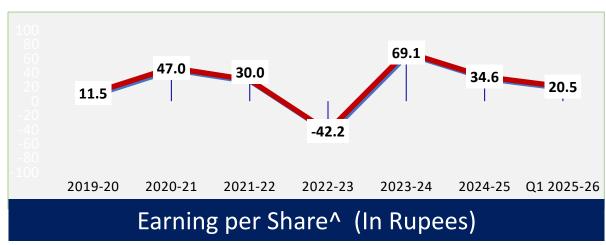
### **Key Financial Performance Parameters**











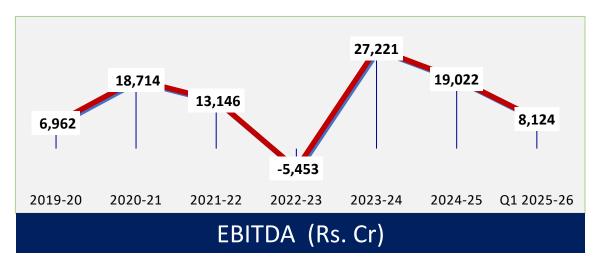
All Financial parameters reflecting inherent strength & growth potential

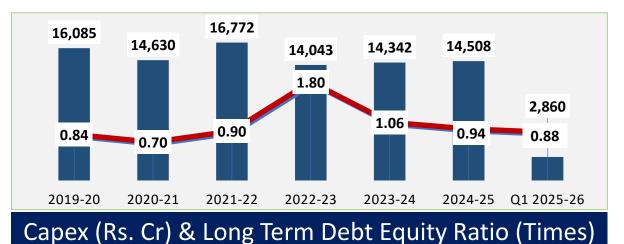
<sup>\*</sup> Not annualised

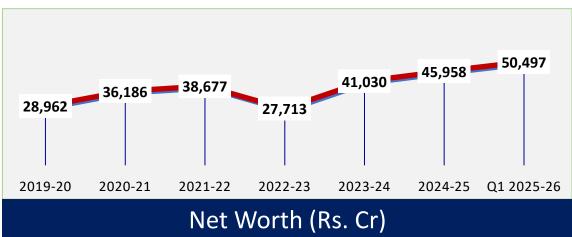
<sup>^</sup> Restated post bonus share issue in July'24

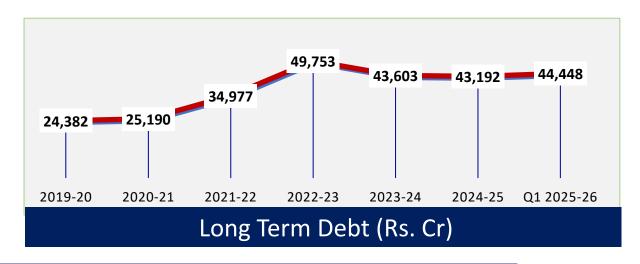
### **Key Financial Performance Parameters**











Value Creation thru Effective Leveraging (Now Past Peak Debt Cycle)

# **Future Plans**

### **Future Plans: Focus Areas**



# Existing Business Area

Business areas
where HPCL is
conducting its
current
businesses.
Products line
such asMS, HSD, Auto
LPG, Lubes, I&C
Products ATF

# Adjacent Business Area

Businesses areas
which are
associated or
extension to our
existing business
area. Eg. Road
side amenities,
Convenience
stores, food
stalls, car wash at
Retail Outlet etc

#### New Business Area

**Business areas** 

where HPCL is in the process of enhancing it's presence.
e.g.
Petrochemicals,
LNG, Logistic
Services, Retail
Chains at locations other than Retail
Outlets

# **Emerging Business Area**

Business
opportunities
which have a
future potential,
but currently does
not have an
established
commercial
model e.g.
hydrogen, fuel
cells etc.

### **Framework**





## **Creating Value and Delivering Growth Responsibly**

by strengthening existing businesses, leveraging new growth engines and seizing green & emerging opportunities with focus on technology & innovation

## **Refinery Capacity Additions**





### **Refining Capacity**

35.8 MMTPA



45.3

# **MMTPA**

2024-25

2027-28

Refinery	2024-25 (MMTPA)	2027-28 (MMTPA)	Capacity Addition (MMTPA)
MR	9.5	9.5	0.0
VR	15.0	15.0	0.0
HMEL (JVC)	11.3	11.8	0.5
HRRL	0.0	9.0	9.0
Total	35.8	45.3	9.5



Project Completed/Ongoing	Physical progress (As of Jun'25)	Project Cost (Rs. Cr) (As of Jun'25)
MR Expansion (7.5 to 9.5 MMTPA)	Commissioned	5,381
VR Modernization (8.3 to 15.0 MMTPA)	Dedicated to Nation	30,609
HRRL – 9 MMTPA Green Field Refinery & Petrochemical complex	87.4%	72,937
Lube Modernization & Bottom Upgradation Project at MR	4.2%	4,679

## Rajasthan Refinery (HRRL): Project Snapshot



■ JV of HPCL (74%) and Govt. of Rajasthan (26%)

■ Project cost: Rs. 72,937 Cr.

■ Capacity : 9 MMTPA

Location : Pachpadra, Rajasthan

 Configuration based on local crude from Barmer oil field / imported crude

■ Land : ~ 4,500 acres

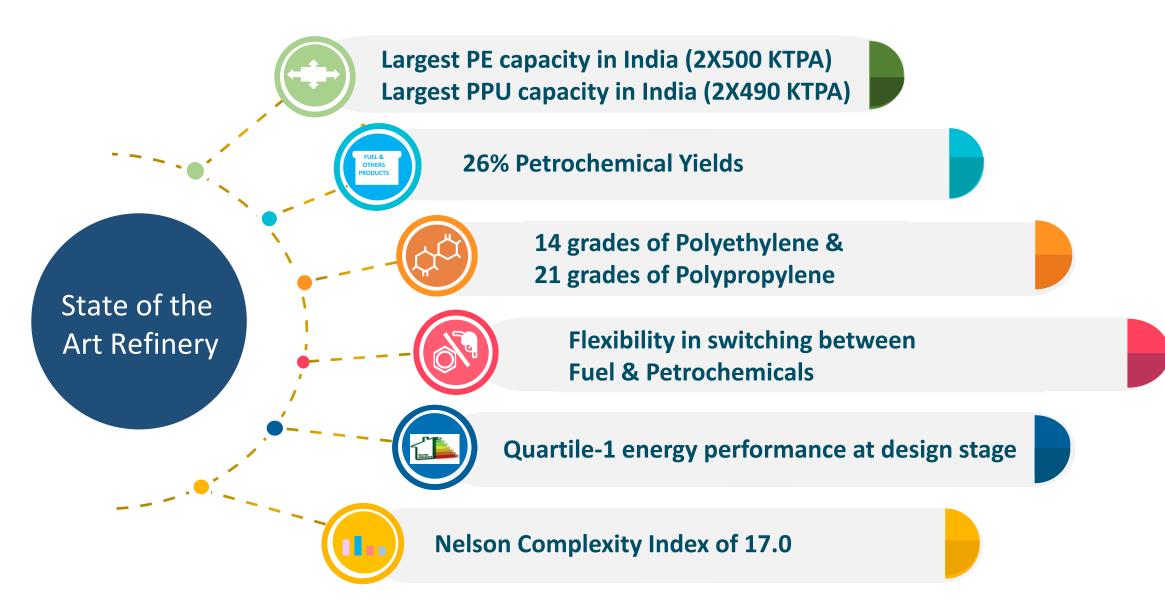
■ Expenditure: ~ Rs. 59,287 Cr (As of Jun'25)



HRRL Project, Rajasthan

## **HRRL: Uniqueness of the Project**





## **HRRL: Units, Product Slate & Expected Margins**



## **Refinery Complex:**

CDU/VDU, MS Block Unit, Prime G, DHDT Unit, HGU, SRU, VGO-HDT, PFCC Unit, DCU, Treating /sweetening facilities

### **Petrochemical Complex:**

DFCU, PPU, Butene-1, LLDPE/HDPE Swing

## **Utilities & Offsite/Associated Facilities:**

DCPP, Raw Water Reservoir at Nachna, Township, Crude Import Facilities

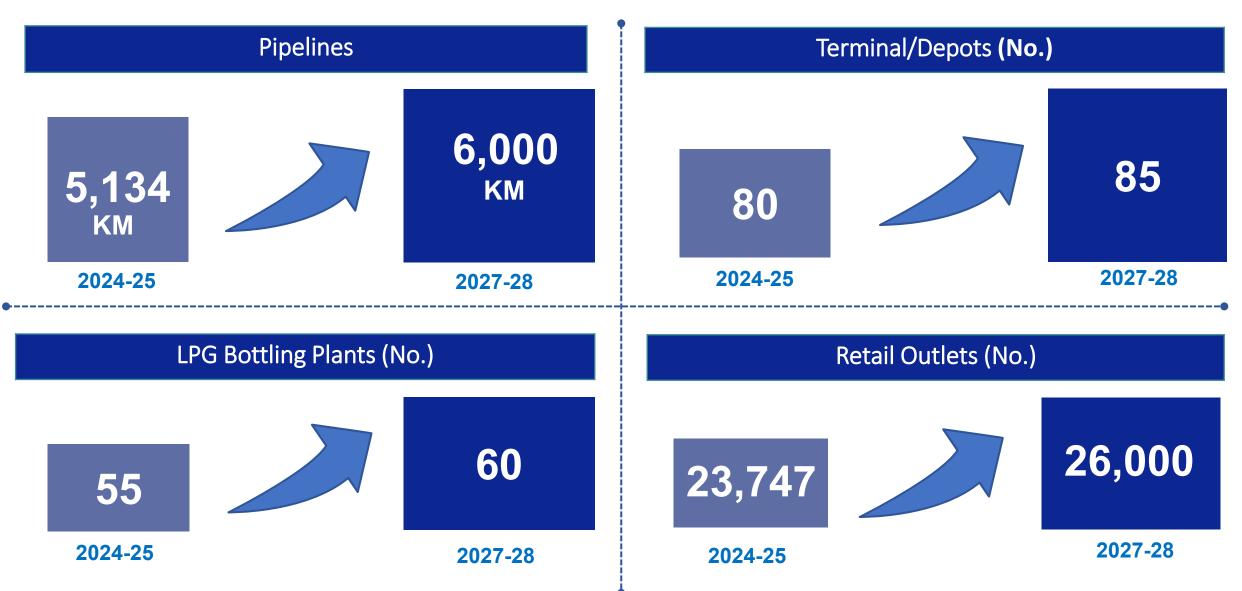
### **Pipelines:**

Crude P/L Mundra to HRRL
Crude P/L from Mangala Processing Terminal
Raw water Pipeline

Product	Production (KTPA)
MS	995
HSD	4,035
Poly Propylene (PP)	1,073
LLDPE	479
HDPE	479
Butadiene	146
Benzene	134
Toluene	104
Sulphur	157

## **Marketing Network Expansion**





## Portfolio expansion in Petrochemicals & Natural Gas



### Petrochemical Capacity

2.2 MMTPA **4.6** MMTPA

2027-28

- 2.4 MMTPA Petchem Capacity in HPCL Rajasthan Refinery Ltd (JVC)
- HMEL Polymer Addition project with 1.2 MMTPA dual feed cracker (Completed)
- Petrochemical Marketing started by HPCL under 'HP Durapol' Brand
- 31.2 TMT Petchem Sales during Apr-Jun'25

#### **Natural Gas**

- LNG Import Facilities
- Natural Gas Pipelines
- CGD Network & Marketing

#### CNG Stations (No.)



2024-25

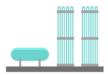


2027-28

## Natural Gas: Participation across entire value chain



## Regasification





#### **LNG Import Facilities**

- 5 MMTPA LNG
   Regasification
   Terminal at Chhara,
   Gujarat (Subsidiary)
- Connection to National Gas Grid Pipelines

Participation through Subsidiary



## Transportation



### **Natural Gas Pipelines**

- Mehsana to Bhatinda (1673 Km) – GIGL(JV)
- Bathinda to Gurdaspur (261 Km) – GIGL (JV)
- Mallavaram to Bhilwara (1881 Km) – GITL (JV)

Participation through JV



## Marketing



#### **CGD Network & Marketing**

- 25 GAs in 14 states
- HPOIL (JV)
- CNG facilities at Retail Outlets
- Gas Marketing
- LNG facilities at Highways

Participation through JV and standalone basis

# **Green Opportunities - Biofuels**



# **Biofuel Capacity**

12.06 TMT



300

**TMT** 

2027-28



CBG Plant at Budaun- Milling Section

Biofuels Projects	Status	Project Cost (Rs. Cr)
14 TPD Capacity CBG Plant at Budaun, UP	Commercial Sale started	133
1.6 TPD CBG Plant at Pathmeda, Rajasthan	Commenced CBG Sale	25
100 KLPD 2G Ethanol Bio- Refinery at Bathinda, Punjab	Ongoing	1,421
16TPD Compressed Biogas (CBG), Eluru, West Godavari, AP	Ongoing	227

#### **Green Opportunities - Renewables**



# Renewable Capacity 224 MW 2024-25 2027-28



- Current power requirements to renewable sources (500MW) under Conversions
- Participation in Tariff Bidding
- 100% Solarisation of Retail Outlets (94% of RO Network complete as of Jun'25)
- Wholly owned subsidiary 'HPCL Renewables and Green Energy Limited' for consolidation of 'Green & Renewable' Business opportunities under one umbrella is now operational.

Renewables Project	Status	Project Cost (Rs. Cr)	
Jhansi Solar Project	Transmission line work completed	37	
Panipat Solar Project	Transmission line work in progress	45	
Solar Power Plant at Galiveedu	Construction in progress	682	
Greening Retail Outlets- Delhi	Construction in Progress	55	

### **Green Opportunities - Green Hydrogen**



# Green Hydrogen 9,670 TPA 2024-25 2029-30



- A 370 TPA Green Hydrogen Plant commissioned at Visakh Refinery (first Green Hydrogen plant in any Indian refinery)
- 5,000 TPA Green Hydrogen Project at Visakh Refinery
- 4,300 TPA Green Hydrogen Project at HRRL
- Research and Development: HPCL Green Research and Development Centre (HPGRDC) is working on all major Electrolyser technologies.
  - Utilizing Green Hydrogen for all its research activities since 2020 by installing PEM Electrolysers and solar PV power plant.
  - Successfully commissioned India's first Solid Oxide based Electrolyser (SOE) in May 2024.
  - Commissioned alkaline and AEM Electrolyzers with in-house designed electrodes and stack. AEM electrolyser has been scaled up to 1 MW equivalent cell size for technology demonstration.
  - In collaboration with research institutes, is developing indigenous 1KW \* 10 Solid Oxide Fuel Cell (SOFC) and 1KW Solid Oxide Electrolyzer (SOEC).

# **Digital Vision & Strategy**

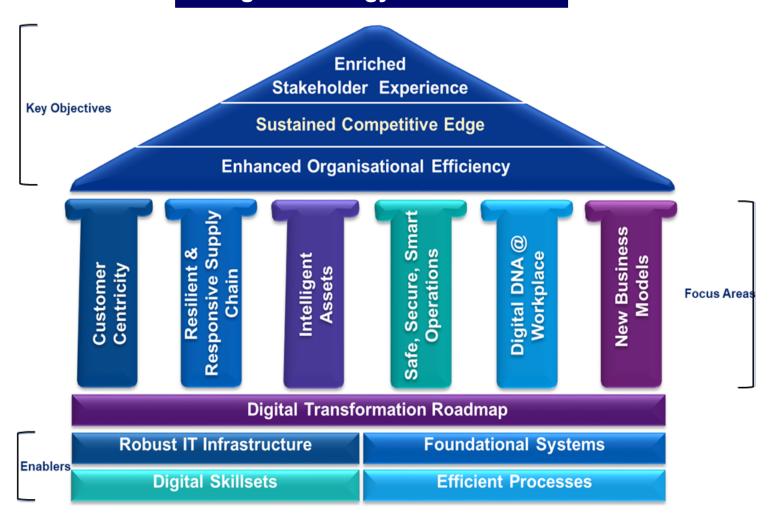




**HPCL Digital Vision** 

Digital Technologies in every aspect of our business for continuous innovation, operational excellence and new business models to provide best in class experience and value to all Stakeholders.

#### **Digital Strategy Framework**



## **Leveraging Digital Technologies**





#### **Customer Experience**

HP Pay - Unified loyalty & **Payment Solution Omni Channel Chatbot** 



**ERP Modernization Enterprise Data Repository & Analytics** 

**Connected Enterprise** 

**Supply Chain Control Tower** Centralized Command centre



E- commerce Platform



**Digital Experience Centre** AR/VR Based Training Metaverse

Generative Al

11



#### **Workforce Enablement**

**HR Analytics** Connected worker

**Smart Helmets** 

#### **Assets & Project Mgmt.**

Central Energy Mgmt. System Project Portfolio Management Office

Warehouse Management



#### **Supply Chain Management**

**Smart Fleet management** 



#### **Operational Excellence**

Video Analytics @ Retail Outlets Video Analytics @ Plants & Terminals Predictive Analytics based maintenance **Robotic Process Automation** 





# Capex – HPCL and Equity in JVs/ Subsidiaries (FY 24 to FY 28)





#### **Investment Shift**

- 36% Investment in Renewables,
   Biofuels, Natural Gas, Alternate
   Fuels & Net zero
- 12% in Non-Fuel & Petchem

52%
Petroleum









Rs. 77,000 Crore



8%
Renewable



15%
Gas



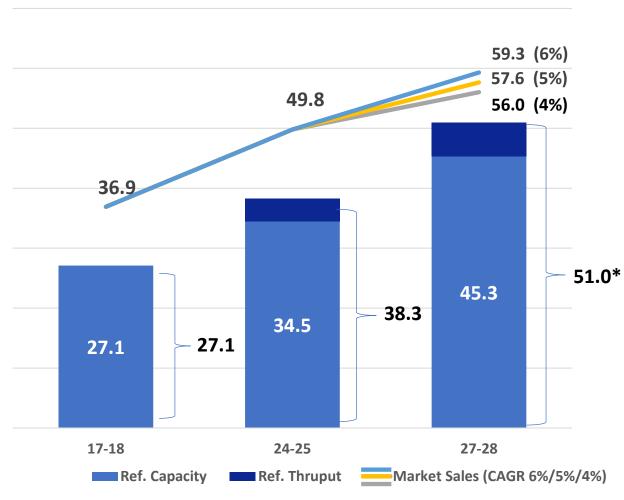
4%
Biofuels



# **Maturing CAPEX to help Boost Bottomline**







<sup>\*</sup> Based on projected Refinery Capacity utilisation

- Progressively commissioning Refinery upgrades
- Leveraging Marketing infrastructure to boost volumes
- Past the Peak Debt Cycle (Standalone)
- Nearing Peak Debt (Consolidated)
- Improved self-sufficiency and product security
- Working towards 2x + jump in EBITDA levels by FY28
- Strengthening Key financial and leverage ratios
  - Net Debt to EBITDA
  - Retained Cash Flows to Net Debt
  - Long Term Debt to Equity



**Net Zero** 

#### **Net Zero Announcement**



HPCL Net Zero plan Announcement on 31<sup>st</sup>
Jan 2022



Investment of Rs. 60,000 Crore towards Net-zero plans by 2040

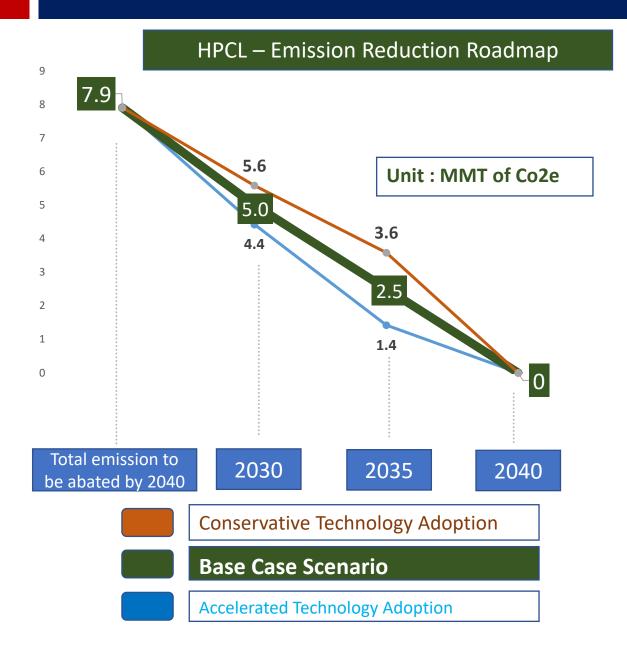
- HPCL is committed to conduct business with an objective of preserving the environment and contributing to sustainable development
- Plans underway to achieve **Net zero Scope 1 & 2 emissions by 2040**
- Dedicated Energy Transition Cell





# **HPCL Net Zero Plan: Development of Roadmap**



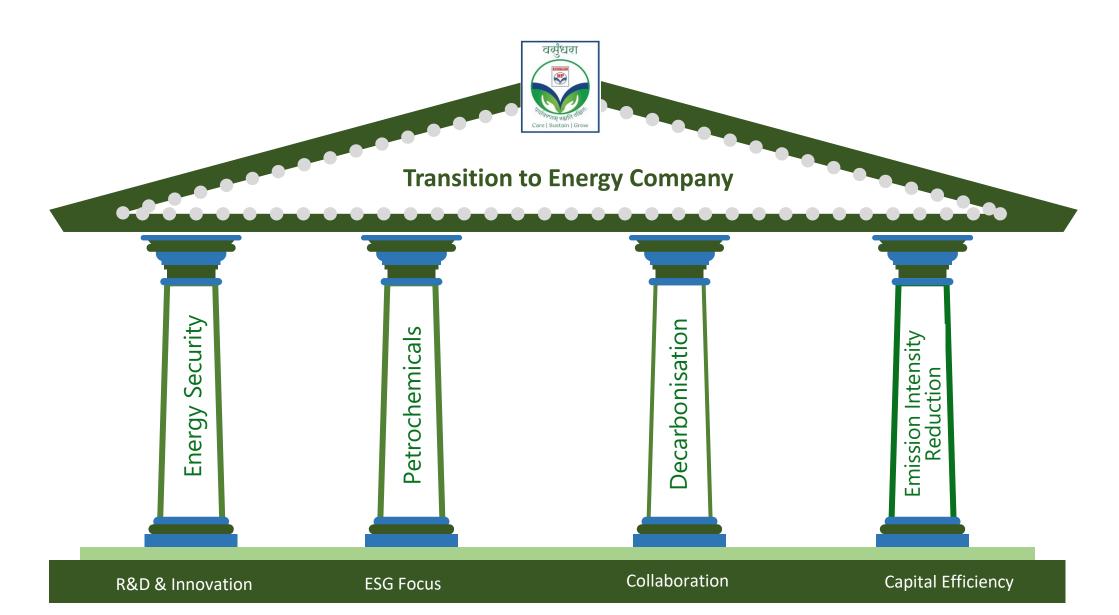


#### Key Levers/investment for emission reduction

	Lever		Investment	% Reduction
<b>\$\times_1</b>	Efficiency	>	Rs. 10,000 Cr	16.7%
2	Renewables	>	Rs. 10,000 Cr	16.7%
3	Fuel switch to bio gas	>	Rs. 29,200 Cr	48.6%
4	Green Hydrogen	>	Rs. 4,200 Cr	7.0%
5	CCUS	<b>&gt;</b>	Rs. 6,400 Cr	10.7%
	Flare reduction	·····>	Rs. 200 Cr	0.3%
	Total		Rs. 60,000 Cr	100 %

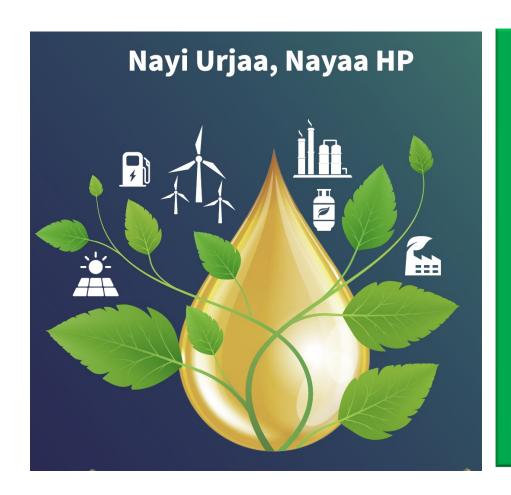
# **Energy Transition Strategy Framework**





# Nayaa HPCL: Fresh • Fast • Fluid





- Transformation to an Energy Company creating value and growth in step with society
- With significant presence in
  - Traditional Fuels
  - Natural Gas
  - Petrochemicals
  - Green energy
  - Non Fuels

#### **Experienced Management Team**





#### Mr. Vikas Kaushal, Chairman & Managing Director

- He has taken charge as the Chairman & Managing Director (C&MD) of the company effective March 17, 2025. He is a seasoned global leader with over three decades of experience in Energy domain. He is a chemical engineering graduate from DCET, Punjab University and has done his MBA from Indian Institute of Management, Ahmedabad.
- He has deep expertise in the Energy domain, including oil and gas, power, renewables and new energies. He has advised all the leading state-owned oil and gas companies in India i.e Indian Oil, BPCL, GAIL, etc. on multiple large scale transformation programs for a long period of time. He is an expert on the Energy Transition topics. He has authored several key thought pieces on oil & gas, power, chemicals, and related topics and is a regular speaker at key conferences in India, and globally.



#### Mr. Rajneesh Narang, Director - Finance

- He is Director Finance of the company effective March 22, 2022. He is a Member of the Institute of Chartered Accountants of India (ICAI) and a Post Graduate in Financial Management. He brings with him rich and varied professional exposure of more than 3 decades across various spectrum of Downstream Oil Company.
- He has headed the position of Marketing Finance which is considered as backbone of the company. He has also held various key challenging assignments in HPCL in the field of Corporate Finance, Treasury, Risk Management, Margin Management, Marketing Finance, Budgeting, SBU Commercial, C&MD's Office and Refinery Project. He is on Board of several HPCL Subsidiary/Joint venture Companies.



#### Mr. S Bharathan, Director – Refineries

- He is Director- Refineries of the Company effective October 01, 2022. Prior to this, he was an Executive Director Refineries Coordination of the Company with Additional Charge of R&D.
- He has wide exposure to the Refinery operations of the Company and has worked in Operations and Technical Departments of Mumbai and Visakh Refinery for over 25 years. He has also worked in the Corporate Office on Margin Management & Refinery Project Process for over 4 years. Further, he is also leading HPCL's Green R&D Centre in Bengaluru for the last 3 years. Under him, HPCL Green Research & Development Centre (HPGRDC) has reached filing of about 380 patents.



#### Mr. Amit Garg, Director - Marketing

- He is Director- Marketing of the Company effective December 27, 2022. Prior to this, he was an Executive Director-Aviation in Bharat Petroleum Corporation Limited (BPCL). He is a Post Graduate in Electronics & Management.
- He is a senior leader in Oil & Gas space having rich and varied experience of over 35 years across the entire value chain in the Industry including sourcing, storage, logistics and sales across various functions in BPCL. He also served as a full time Director with Indraprastha Gas Limited, the largest CGD in the country and as a Nominee Director with Maharashtra Natural Gas Limited, a Joint Venture of BPCL & GAIL (India) Limited.



#### Mr. K S Shetty, Director - Human Resource

• He is Director- Human Resources of the Company effective May 01, 2023. Prior to this, he was an Executive Director – Human Resources with additional charge of Employee Relations Department. He is a Gold Medalist in HR Management from Andhra University and also an alumnus of the Swedish Institute, Stockholm for Diploma in Sustainable Development in 2012. He has completed his Advanced Management Program from MDI, Gurgaon / ESCP Europe Business School, Paris. (2016). He is an SHRM, USA - Senior Certified Professional and is currently on the AIMA Core Committee on HR and also on the National Council of the Indian Society for Training and Development (ISTD). He is also on the Board of HPLNG. He has over 25 years of experience in HR in various capacities at HPCL.

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