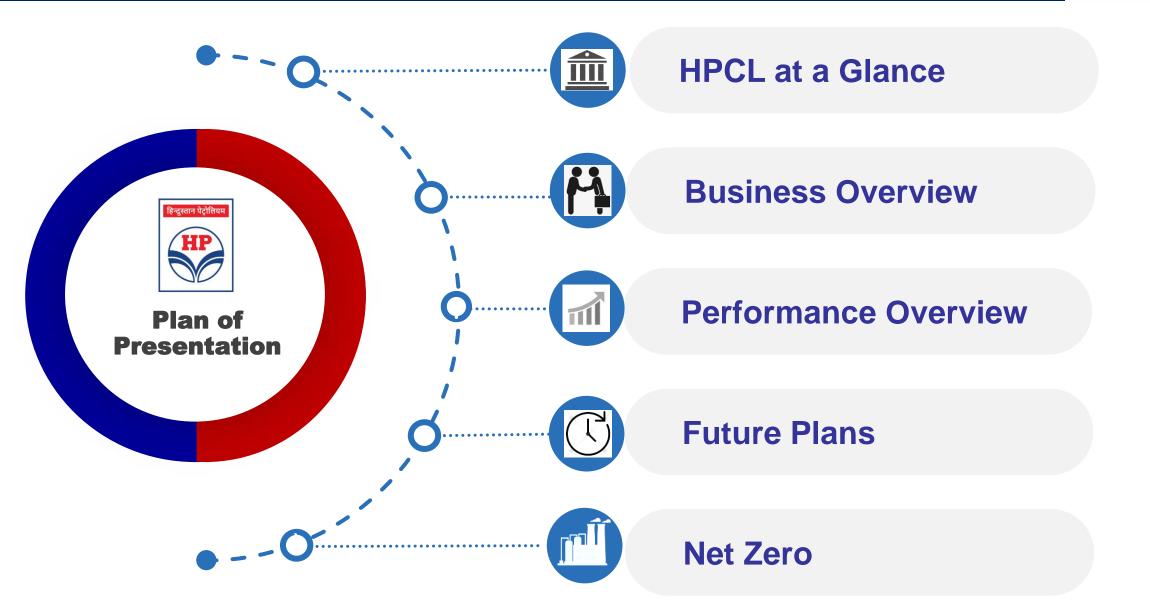


Hindustan Petroleum Corporation Limited Investor Presentation

Mumbai October 25, 2024





HPCL at a Glance

HPCL at a Glance





Operating in India for 100+ Years



Maharatna Company



Owns & Operates Largest Lube Refinery In India



2nd largest Retail Network Holder



2nd largest Cross Country Product Pipeline Network



2nd largest LPG Marketer



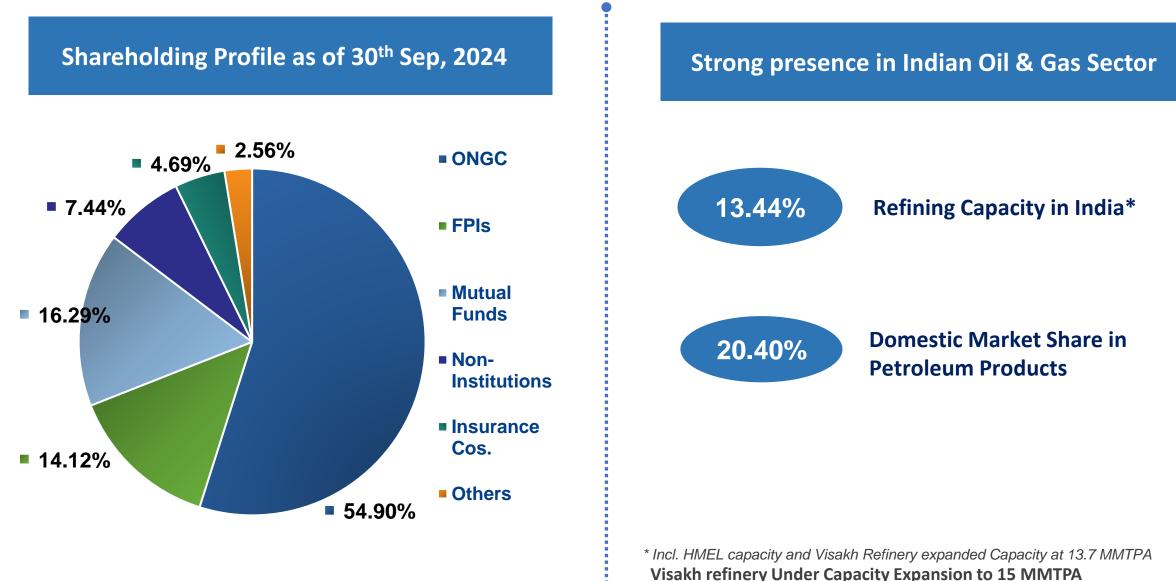
State-of-the-art R&D Setup



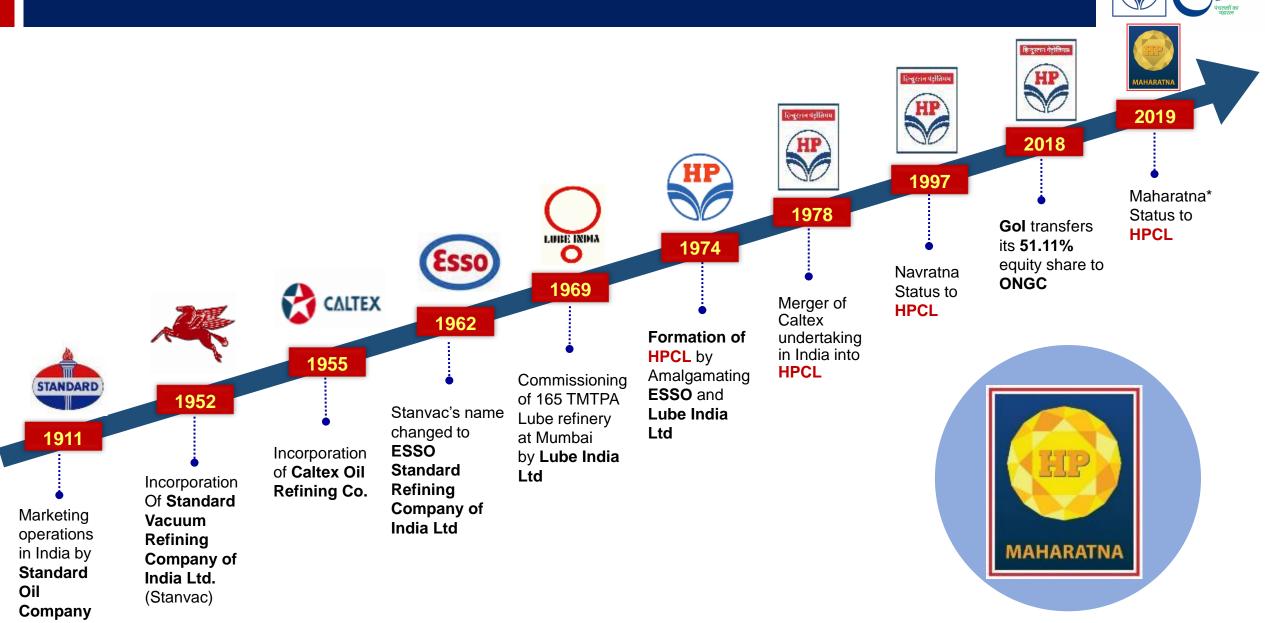
Enduring Relationship with Stakeholders

Shareholder Profile and strong presence in Indian O&G Sector





Legacy of over 100 years

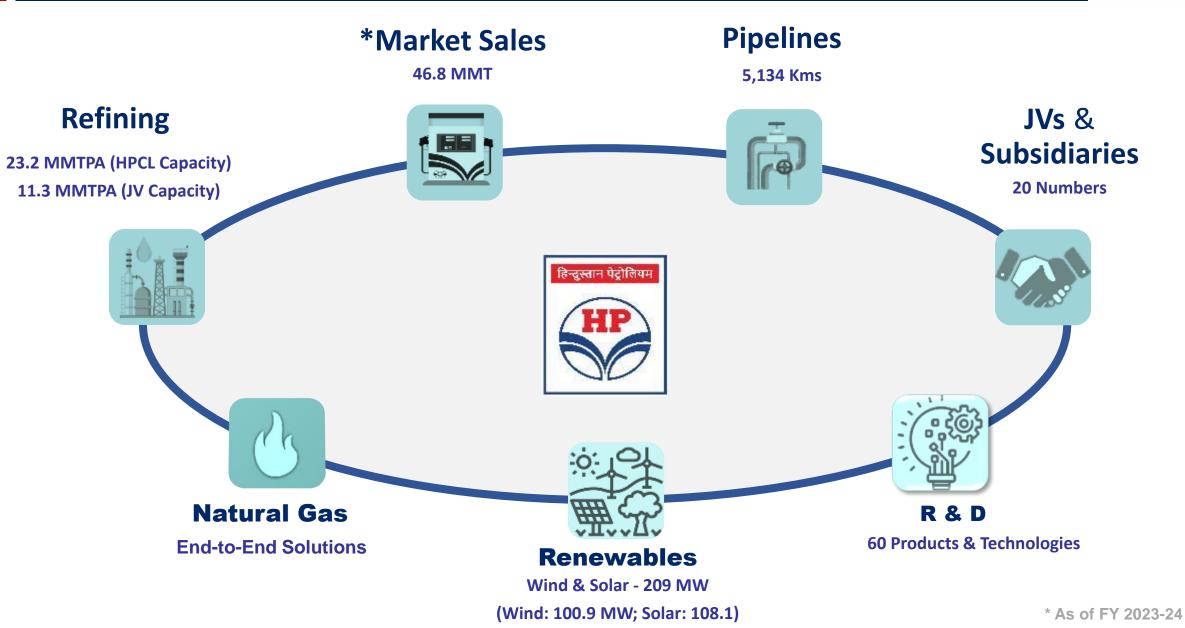


* Highest Status accorded by Gol to Mega Central Public Sector Enterprises

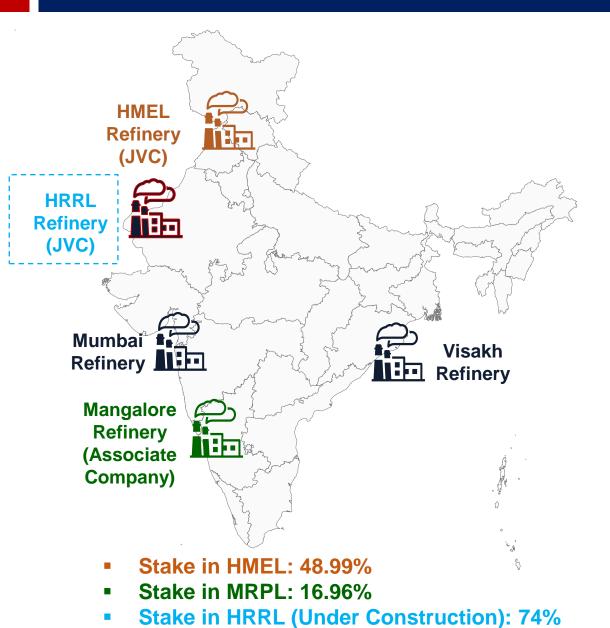
Business Overview



8



Refinery Infrastructure





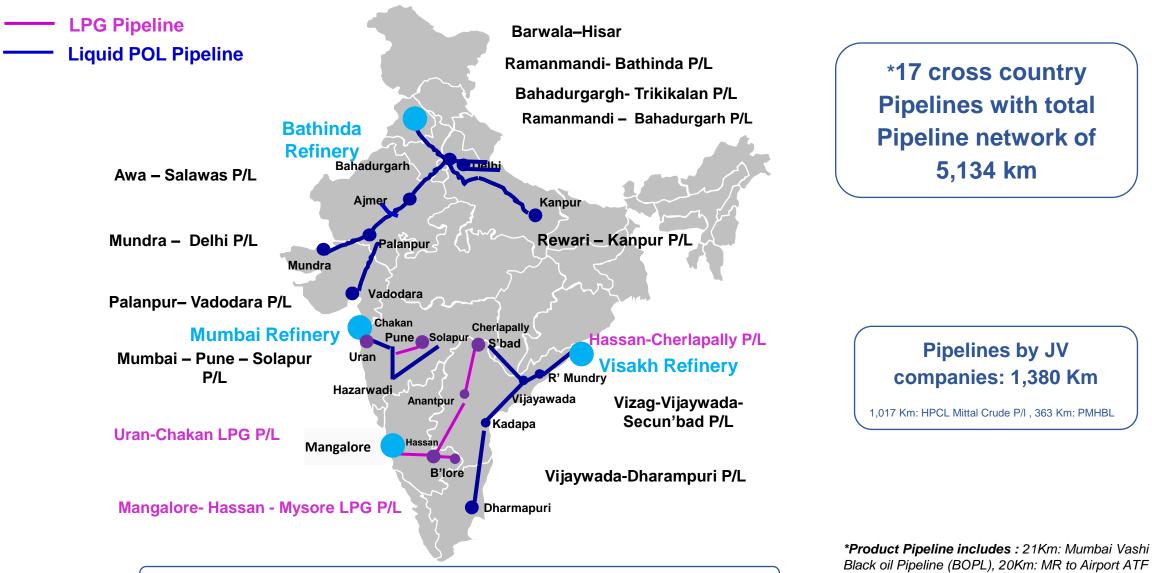
Refining Capacity in MMTPA		
Mumbai	9.5	
*Visakhapatnam	13.7	
Total HPCL	23.2	
HMEL (JVC)	11.3	
Total (marketing rights)	34.5	

Lube Refinery (Mumbai) : 428 TMTPA

- Coastal Refineries
- Pipeline connectivity to hinterlands
- Product evacuation majorly through Pipelines
- * Visakh Refinery under capacity expansion to 15 MMTPA

Cross Country Pipeline Network





Second largest Petroleum Product Pipeline Network in India

Black oil Pipeline (BOPL), 20Km: MR to Airport ATF Pipeline and 17Km: Trombay to Wadibunder Lube Oil Pipeline (LOPL)

Supply Infrastructure



Terminals/TOPs/Depots



78

Lube Depots



36

LPG Plants



56

ASFs



57 Lube Blending Plants

Description	Capacity
Petroleum Oil Lubes (POL)Tankage	3.2 MMT
LPG bottling capacity	6.5 MMTPA
Lube blending capacity	340 TMTPA
QC Labs	46 Nos.

Strategically located state-of-art Infrastructure

4 As on 01.10.2024 11

TOP = Tap off Point

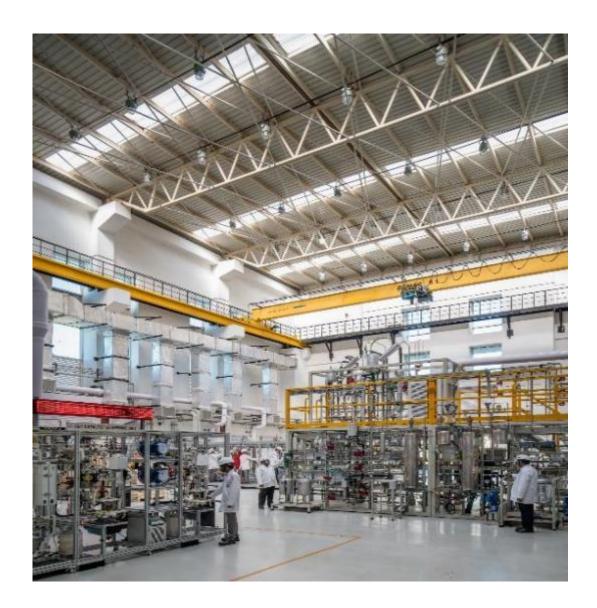
Customer Touchpoints



	Retail Outlets	22,501
	LPG Distributorships	6,364
	SKO / LDO Dealerships	1,638
	Lube Distributors (Ind & Auto)	478
0 # 8 @ @ 0 0 # 0	Mobile Dispensers	840
	CNG facilities at ROs	1,801
	EV Charging facilities at ROs	4,042
	LPG Consumers	~97 Million
	Daily Customer Interactions	~25 Million

Focus on Research and Development





R&D Achievements	
New Technologies / Products demonstrated	60
Patents applied	606
Total Patents granted	232

R&D Technologies and Products

Technologies: H2 PSA Technology, HP-HiGAS Technology, SprayMax Feed Nozzle 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

<image/>	Crude Evaluation & Fuels Research	Process Modelling & Simulation	Hydro-processing
	Catalysis	Bioprocess	CoE Nano- Technology
	Analytical and Chemical Synthesis	Standard testing	FCC/RFCC
Phase-II			
<image/>	Petrochemicals & Polymers	Battery Engir	Centre of Excellence Lubes
	Residue Upgradation	Digital Corro	
	Novel Separations	Centre of Excellence – Bitumen Pavement & Research	Combustion Research





Growth through Partnerships

GITL- GSPL INDIA TRANSCO LIMITED GIGL - GSPL INDIA GASNET LIMITED HMEF - HPCL Middle East FZCO HPRGE - HPCL Renewables and Green Energy Limited



At par with India's Sovereign Rating

MOODY'S INVESTORS SERVICE



Recognitions and Accolades

FIPI



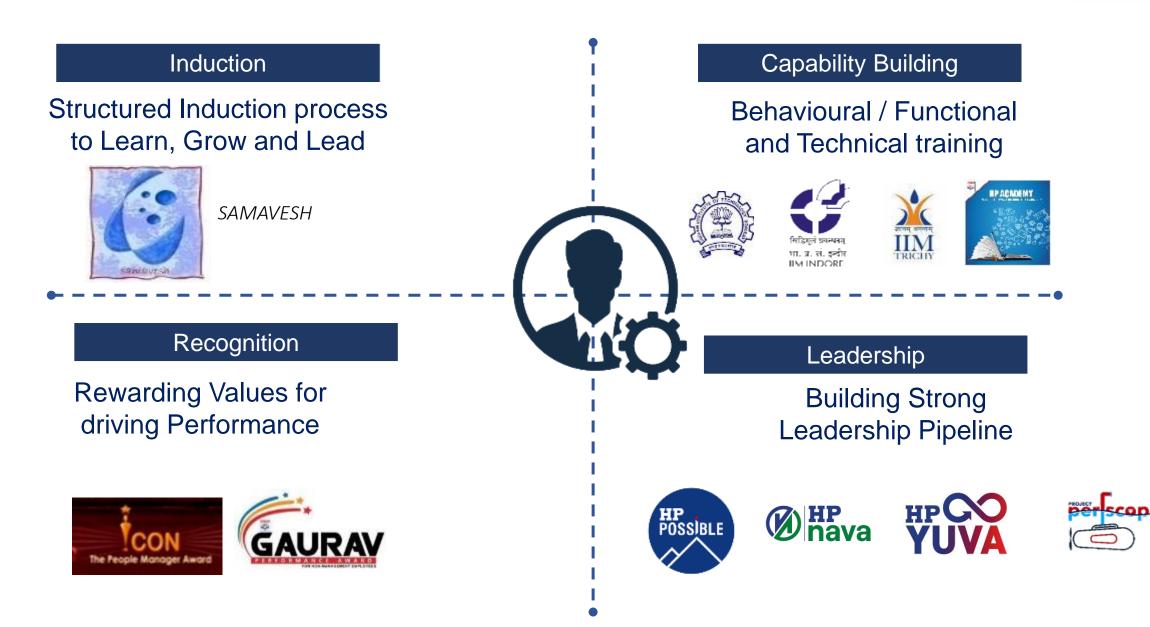
Recipient of FIPI's Company of the Year in Excellence in Human Resource Management 2022

FitchRatings BBB- (Stable)



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





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 2023-24





Highest Ever Net Profit Rs. 14,694 Cr



Highest Ever Refinery Thruput 22.33 MMT



Highest Ever Market Sales 46.82 MMT



Highest Ever Pipeline Thruput 25.83 MMT



Revenue from Operations Rs. 4,61,638 Crore



Refinery GRM US\$ 9.08 / bbl





Highest Ever Half Yearly Pipeline Thruput of 13.36 MMT

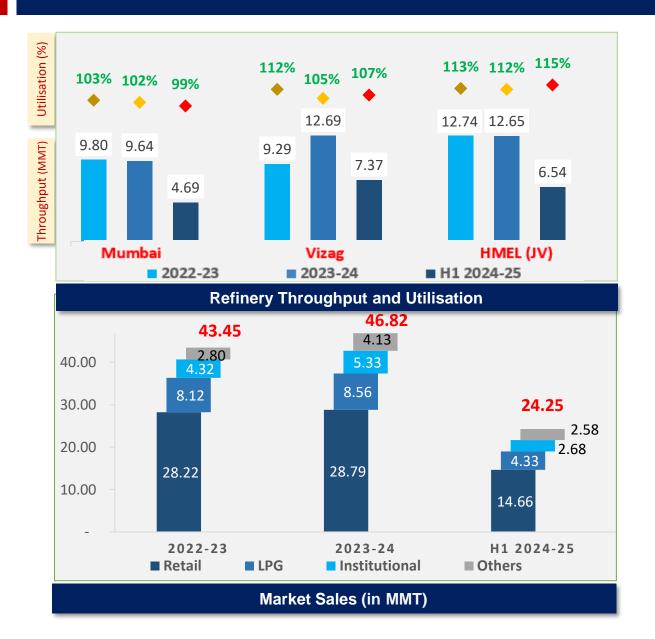


Standalone Net Profit at Rs. 987 Cr



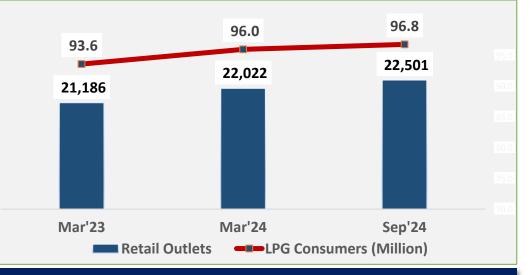
Strong Refining & Marketing Performance







Gross Refining Margins* (US\$ /bbl)



Retail Outlets and LPG Consumers

22

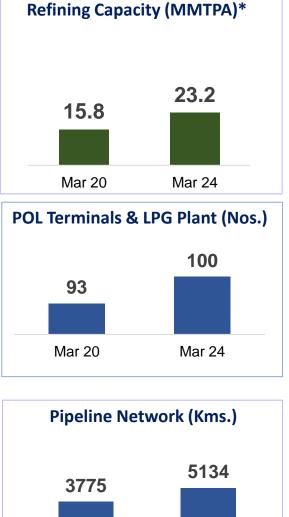
Infrastructure Capability enhancement in last 4 Years





Supply & Distribution





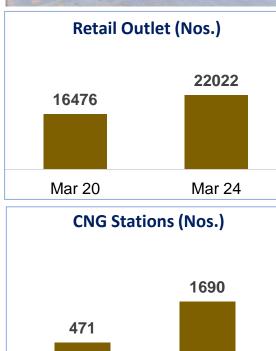
Mar 20

Mar 24

Customer Touchpoints Infrastructure

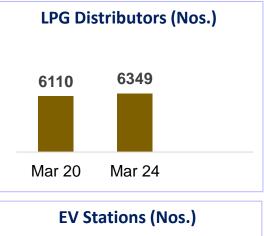


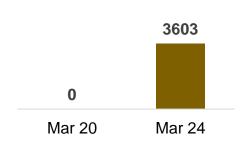




Mar 24

Mar 20





* Considering enhanced VR capacity of 13.7 MMTPA eff. Nov'23

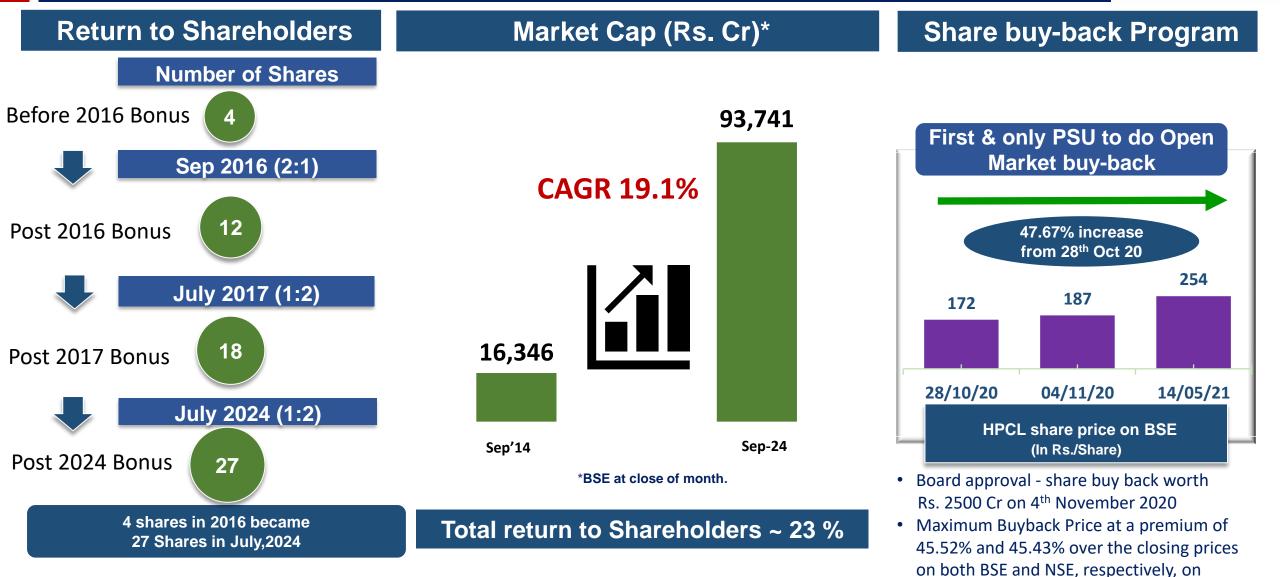
23



Area of Value Chain	Investment (Rs. Cr)
Refining Capacity Expansions	31,000
Expansion of Pipeline Network	8,500
LPG Plants / POL Depots / Capacity Augmentations	5,800
Expansion of CGD Network	2,000
Enhancing Biofuels & Renewable capacities	1,000
Expanding Customer touch points	14,000
Equity Investment in JVs & Subsidiaries	10,000
Others (R&D, Digital Transformation etc.)	1,700
Investments during last 5 years	74,000

Return to Stakeholders



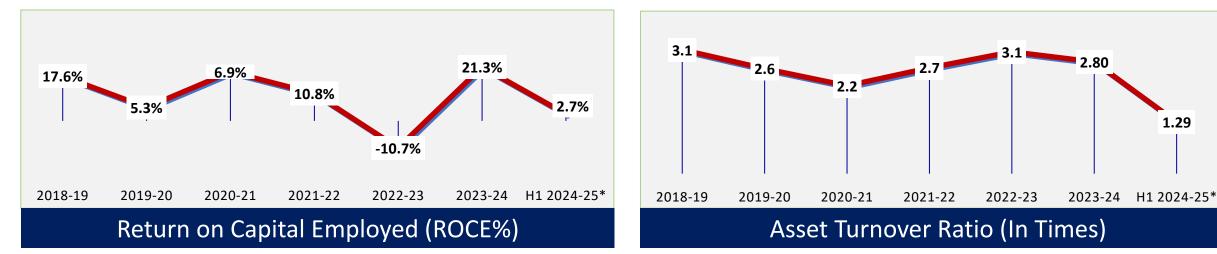


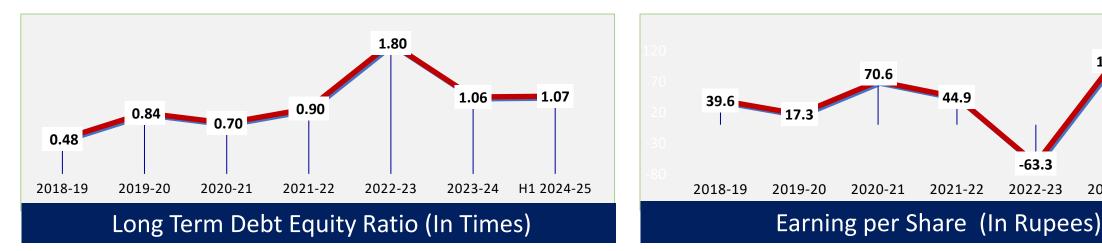
Consistent returns to Stakeholders

October 28, 2020.

Key Financial Performance Parameters







All Financial parameters reflecting inherent strength & growth potential

-63.3

2022-23

2021-22

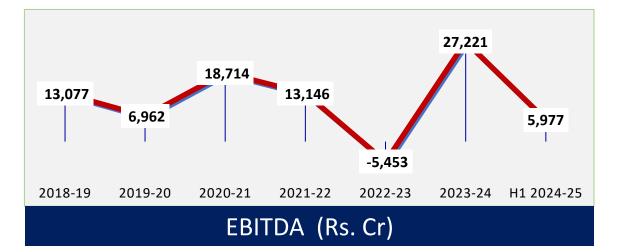
103.6

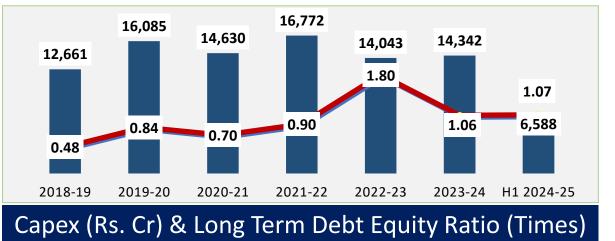
4.6

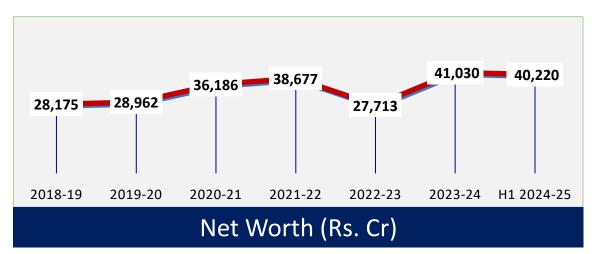
2023-24 H1 2024-25

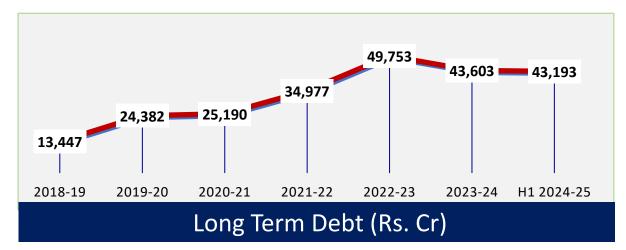
Key Financial Performance Parameters











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

Capex includes Equity Investments in JVCs/Associates/Subsidiaries etc.

Future Plans

Future Plans: Focus Areas



Existing Business Area

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

Adjacent Business

Area

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

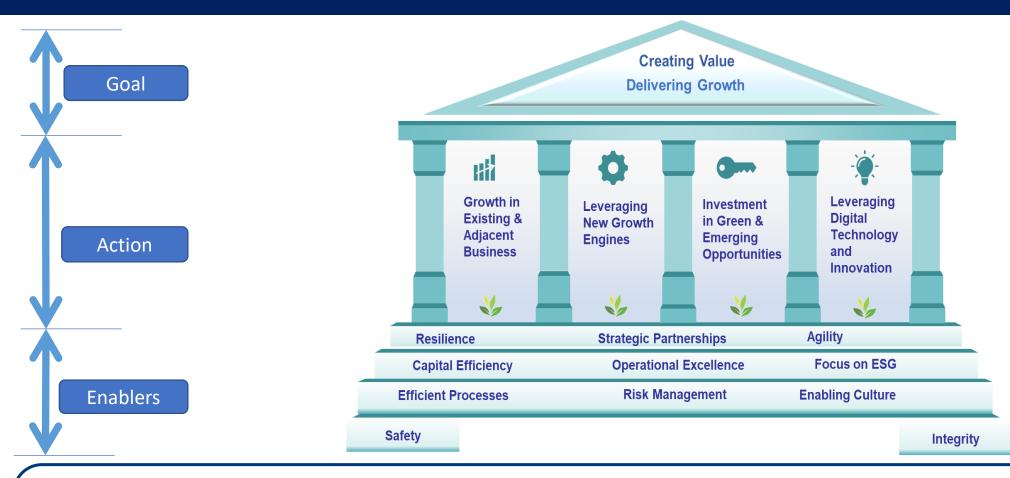
New Business

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



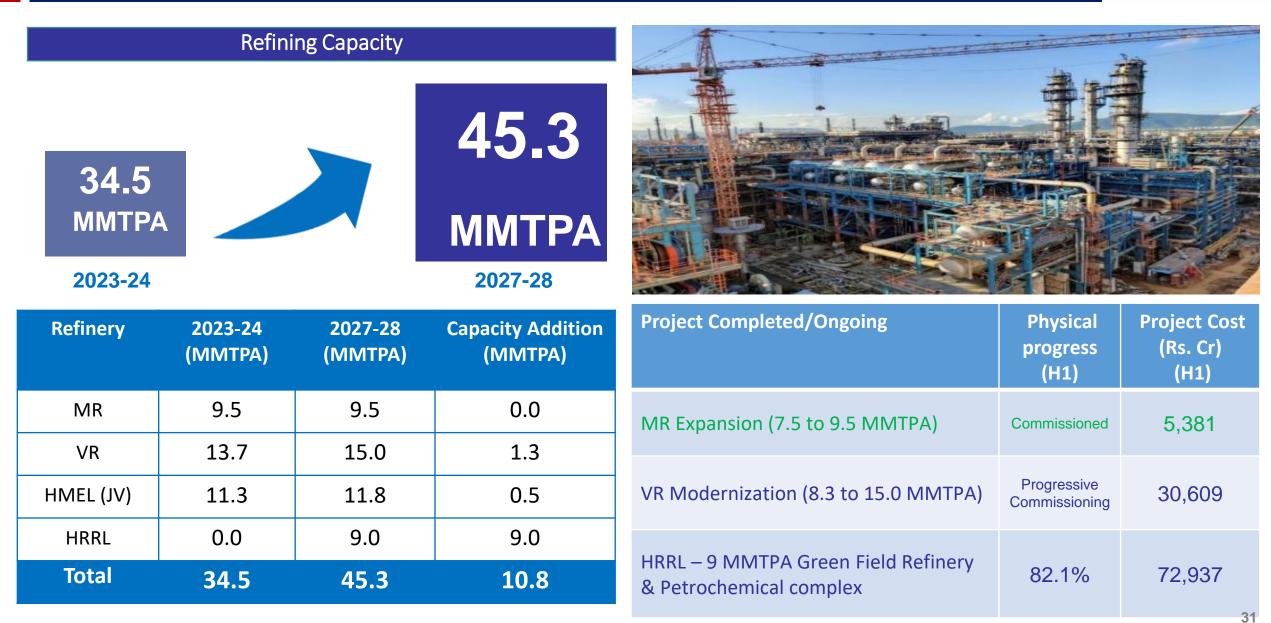


Creating Value and Delivering Growth Responsibly

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

Refinery Capacity Additions

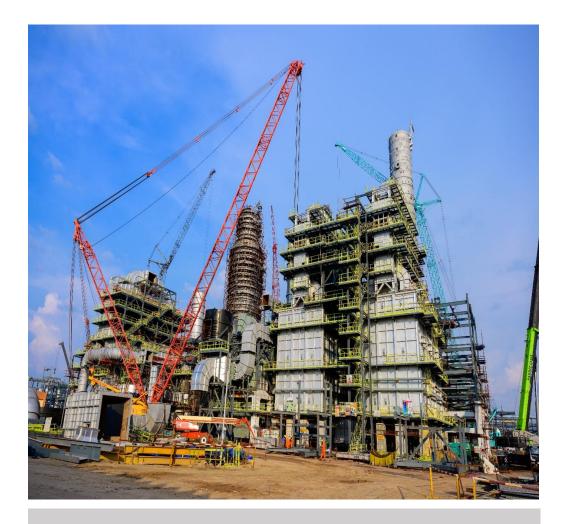




Rajasthan Refinery (HRRL): Project Snapshot



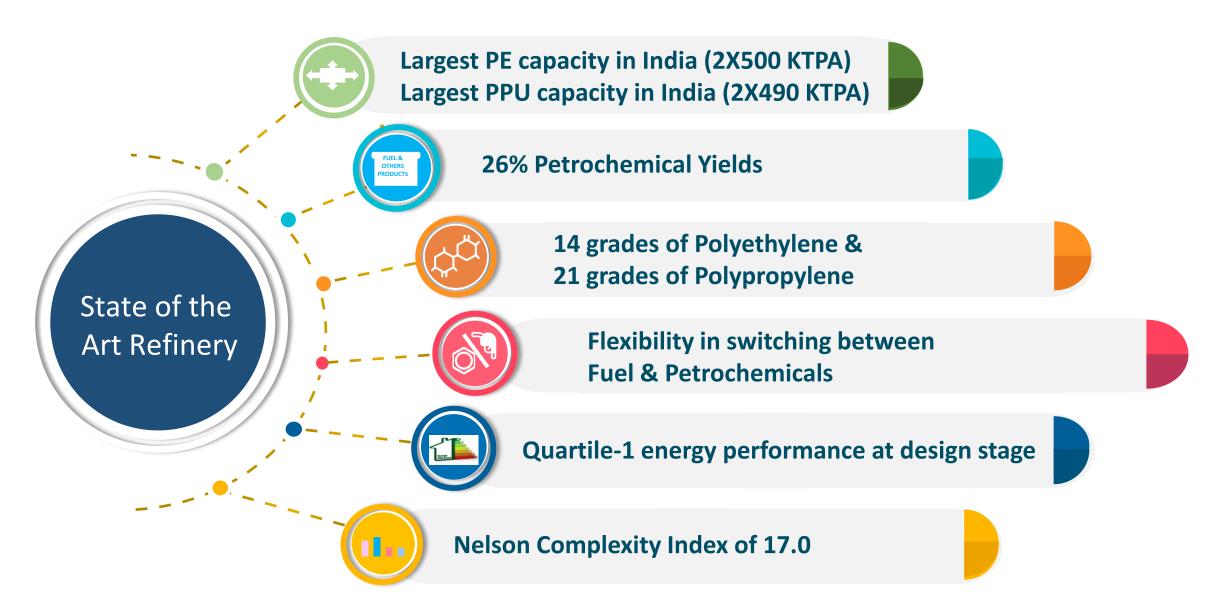
- JV of HPCL (74%) and Govt. of Rajasthan (26%)
- Project cost : Rs. 72,937 Cr.
- Capacity : 9 MMTPA
- Location : Pachpadra, Rajasthan
- Configuration based on local crude from Barmer oil field / imported crude
- Land : ~ 4,500 acres
- Expenditure : ~ Rs. 50,570 Cr. (30th Sep 24)



HRRL Project, Rajasthan

HRRL: Uniqueness of the Project





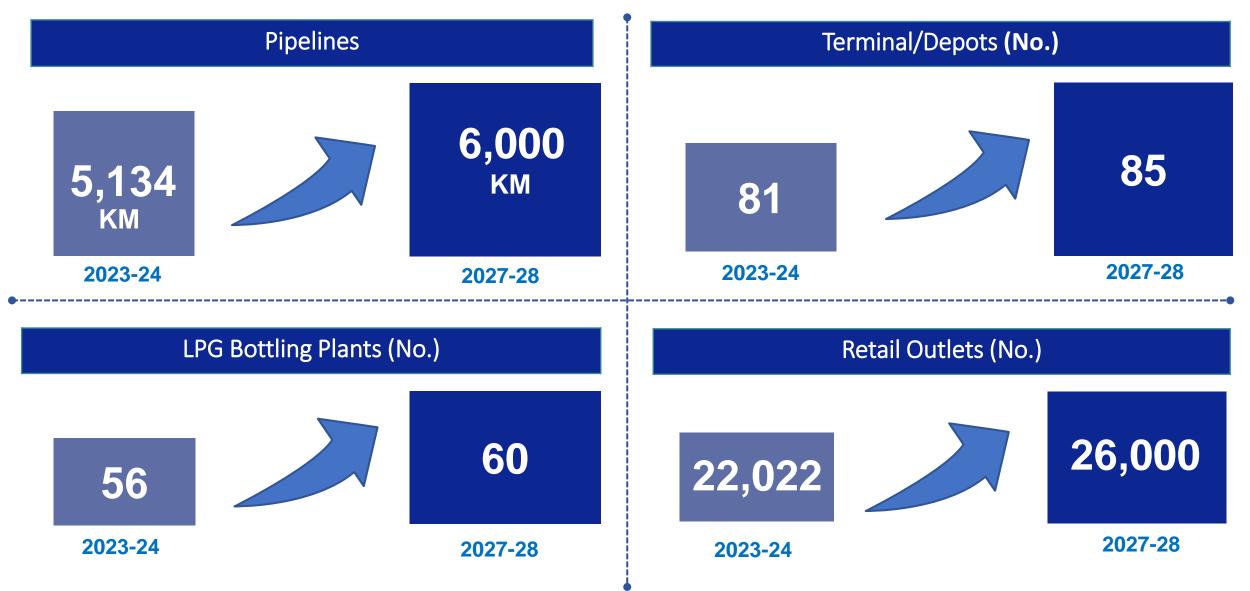
HRRL: Units, Product Slate & Expected Margins



Refinery Complex :	Product	Production (KTPA)
CDU/VDU, MS Block Unit, Prime G, DHDT Unit, HGU,	MS	995
SRU, VGO-HDT, PFCC Unit, DCU, Treating /sweetening facilities	HSD	4,035
	Poly Propylene (PP)	1,073
Petrochemical Complex : DFCU, PPU, Butene-1, LLDPE/HDPE Swing	LLDPE	479
	HDPE	479
Utilities & Offsite/Associated Facilities: DCPP, Raw Water Reservoir at Nachna, Township, Crude Import Facilities	Butadiene	146
	Benzene	134
	Toluene	104
Pipelines:	Sulphur	157
Crude P/L Mundra to HRRL		
Crude P/L from Mangala Processing Terminal Raw water Pipeline	Expected Complex G	RM : US\$ 20.95/Barrel

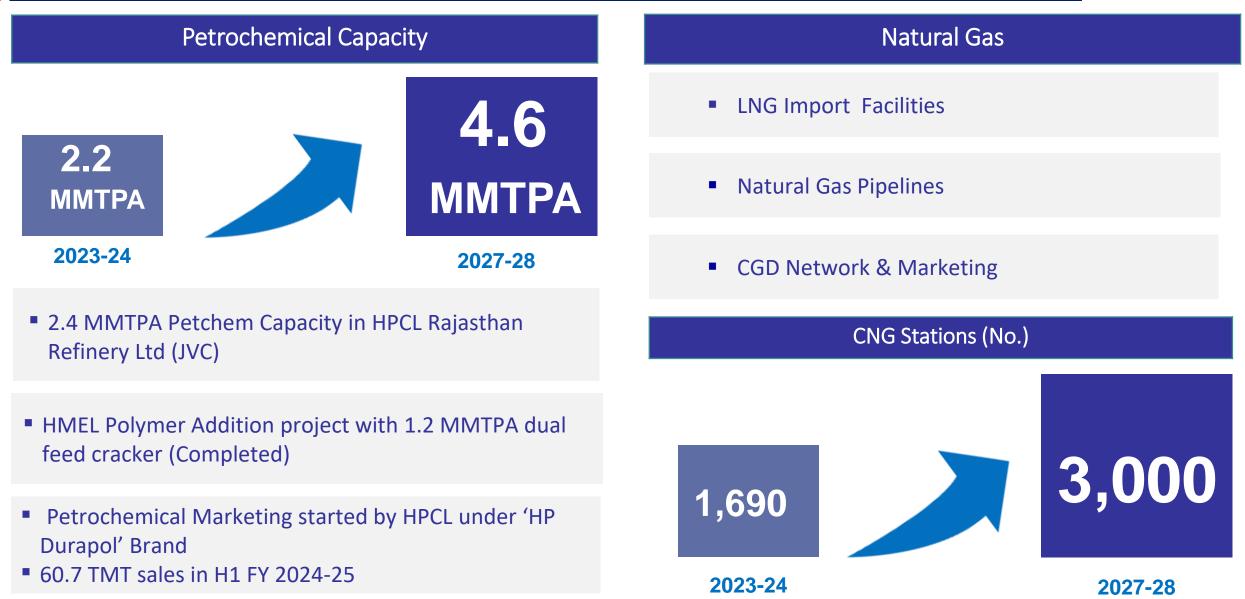
Marketing Network Expansion





Portfolio expansion in Petrochemicals & Natural Gas







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 (1669 Km) – GIGL(JV)
- Bathinda to Gurdaspur (260 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

Snapshot: 5 MMTPA LNG Import & Regasification Facilities

LNG Import Facilities

- 5 MMTPA LNG Regasification Terminal at Chhara, Gujarat
- Executed by 100% Subsidiary of HPCL HPLNG Limited
- Project Cost Rs. 4,792 Crore

Current Status

- Mechanically completed in March'24
- Scheduled to be commissioned in the current FY



Green Opportunities - Biofuels



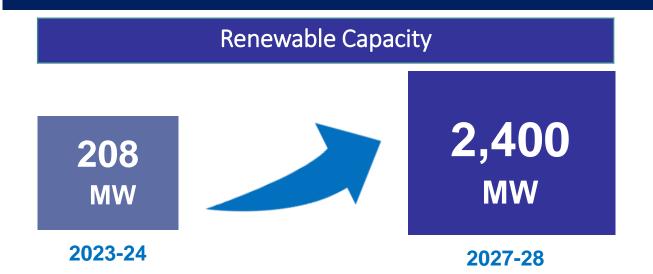


CBG Plant at Budaun- Milling Section

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







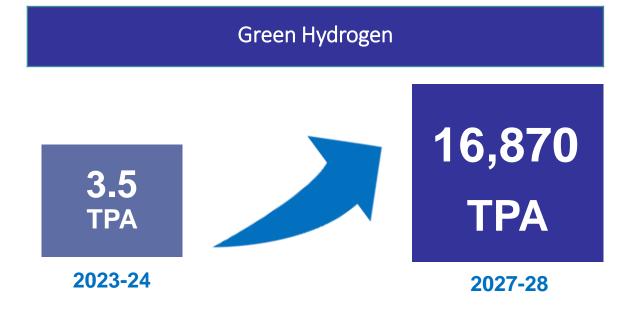
Solar Panels at HRGRDC, Bengaluru

- Current power requirements to renewable sources (500MW) under Conversions
- Participation in Tariff Bidding
- 100% Solarisation of Retail Outlets (93% complete as of Sep'24)
- Wholly owned subsidiary 'HPCL Renewables and Green Energy Limited' for consolidation of 'Green & Renewable' Business
 opportunities under one umbrella is now operational.

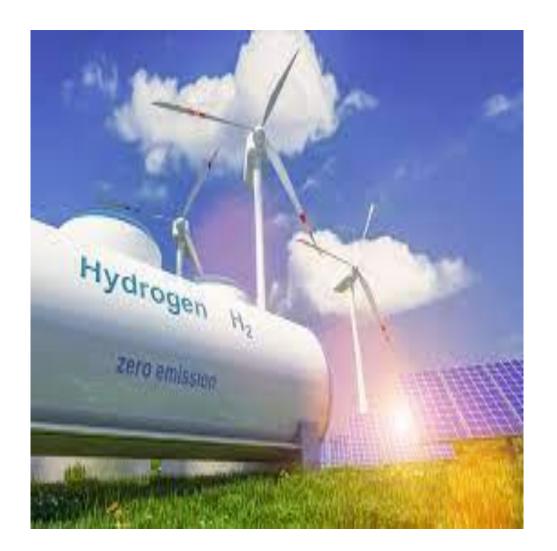
Renewables Project	Status	Project Cost (Rs. Cr)
Jhansi Solar Project	Commissioned	37
Panipat Solar Project	Mechanically completed	45
Solar Power Plant at Galiveedu	PO Placed	682
Greening Retail Outlets- Delhi	Work in Progress	55

Green Opportunities - Green Hydrogen



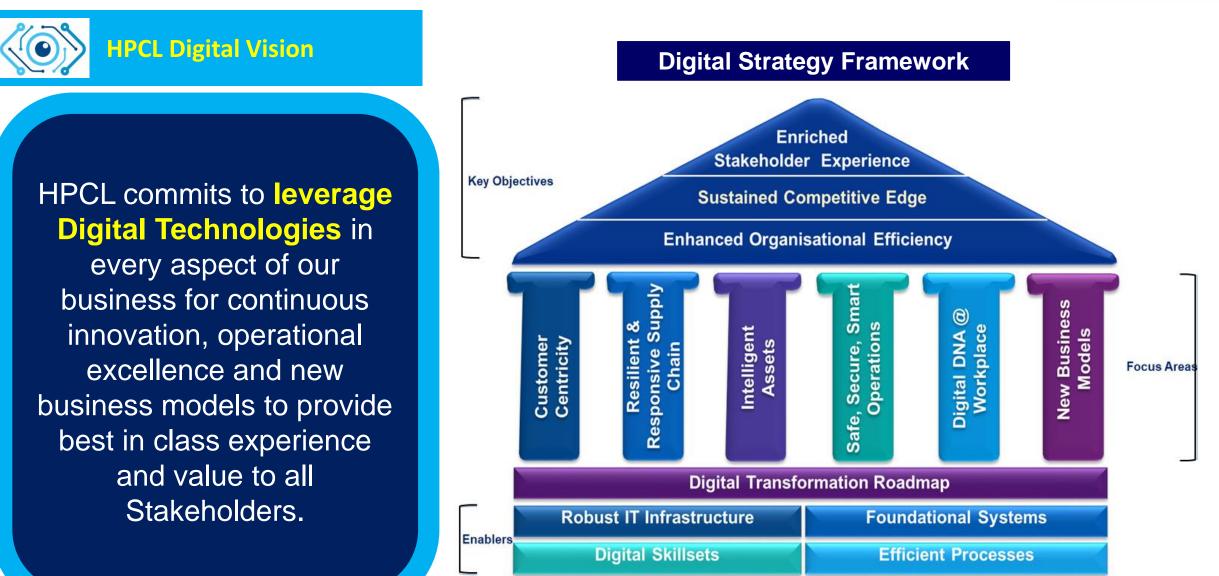


- 370 TPA Green Hydrogen Plant at Visakh Refinery (Commissioned)
- 12,200 TPA Green Hydrogen Project at Visakh Refinery
- 4,300 TPA Green Hydrogen Project at HRRL



Digital Vision & Strategy





Leveraging Digital Technologies





Customer Experience HP Pay – Unified loyalty & Payment Solution Omni Channel Chatbot

Data driven Decisions ERP Modernization Enterprise Data Repository & Analytics Connected Enterprise Supply Chain Control Tower Centralized Command centre

New Business Models E- commerce Platform

Supply Chain Management Demand Forecasting Smart Fleet management





Capability Building Digital Experience Centre AR/VR Based Training Metaverse Generative AI



Workforce Enablement HR Analytics Connected worker Smart Helmets



Assets & Project Mgmt. Central Energy Mgmt. System Project Portfolio Management Office Warehouse Management

Operational Excellence

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



An array of Digital Initiatives spanning across technologies

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



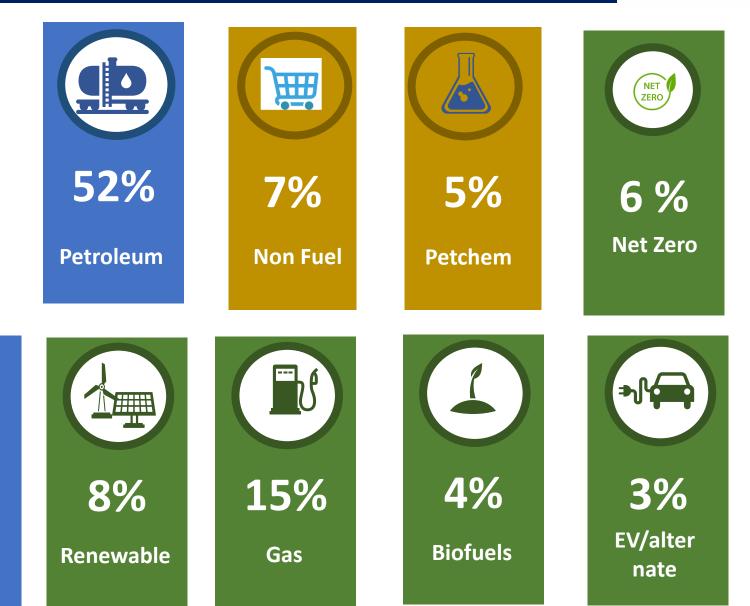


36% Investment in Renewables,
 Biofuels, Natural Gas, Alternate
 Fuels & Net zero

Investment

Rs. 77,000 Crore

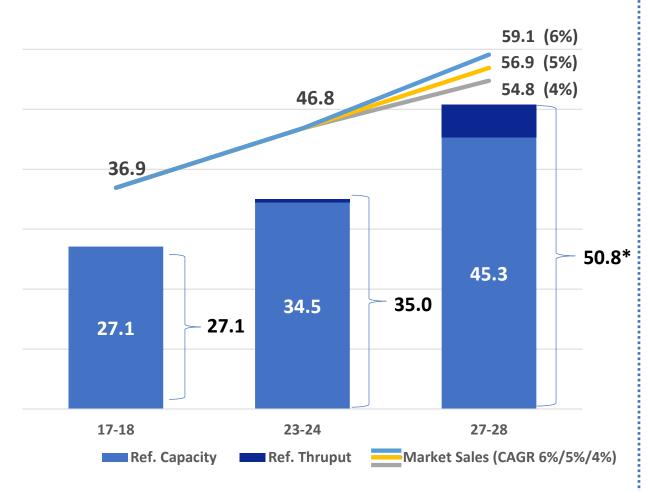
• 12% in Non-Fuel & Petchem



Maturing CAPEX to help Boost Bottomline



Refinery Capacity, Thruput & Market Sales (MMT)



* 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 FY 28
- 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 31st Jan 2022



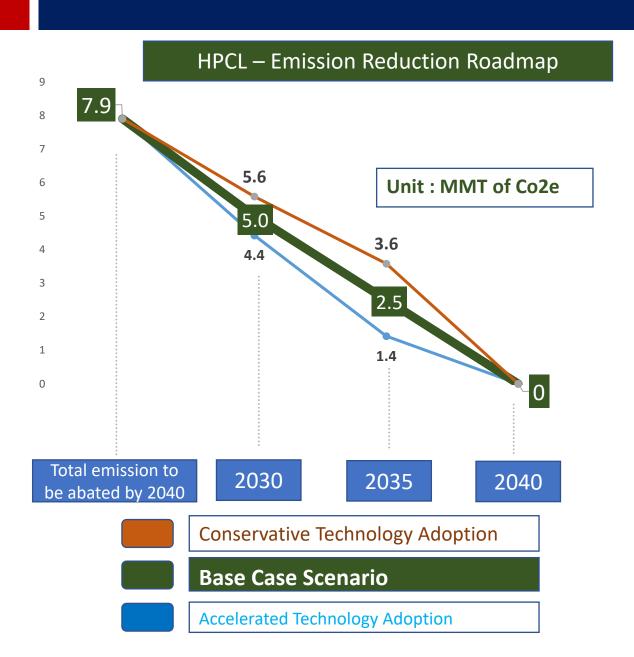
Investment of Rs. 60,000 Crore towards Net-zero plans by 2040

- 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

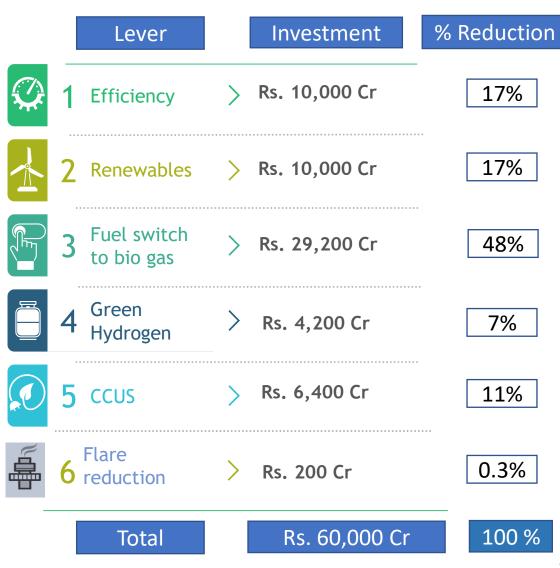


HPCL Net Zero Plan: Development of Roadmap



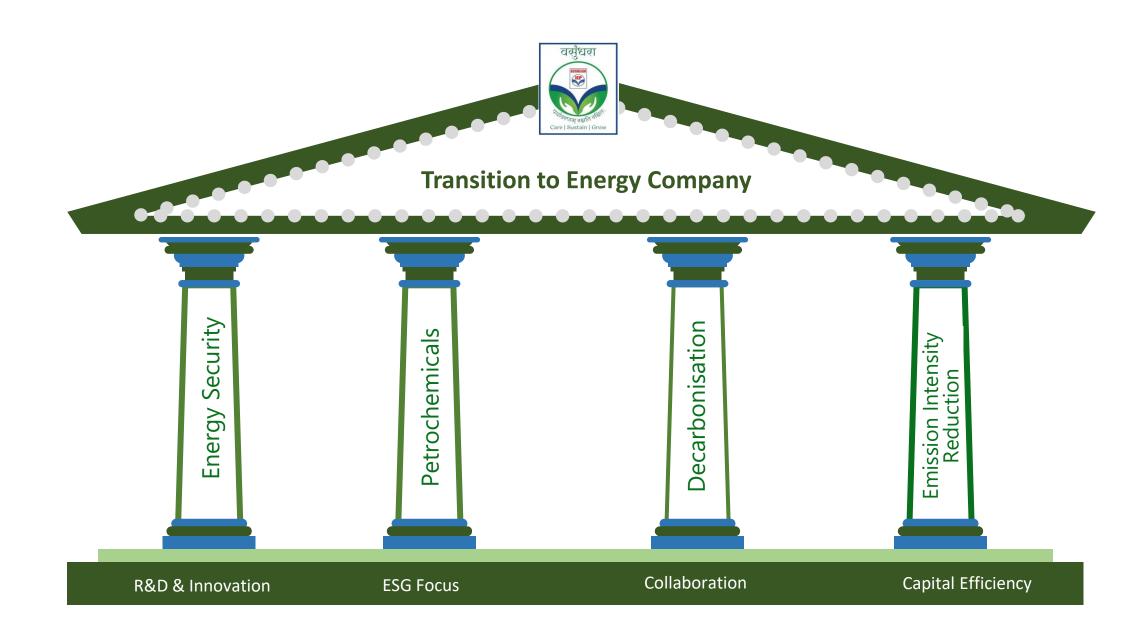


Key Levers/investment for emission reduction



Energy Transition Strategy Framework









- 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. Rajneesh Narang, Chairman & Managing Director (Additional Charge) & Director (Finance)

- He has taken additional charge as the Chairman & Managing Director (C&MD) of the company effective September 1, 2024, Alongside this role, he continues to serve as Director (Finance), a position he has held since 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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