



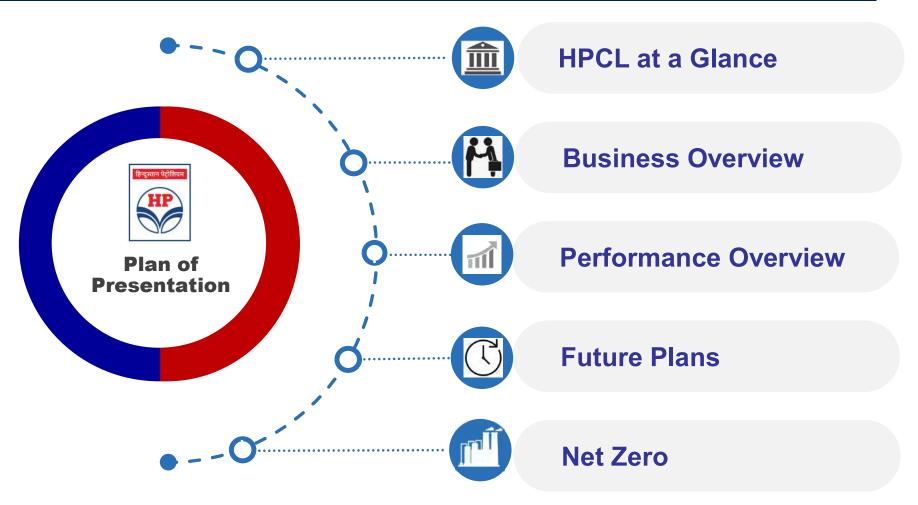
Hindustan Petroleum Corporation Limited

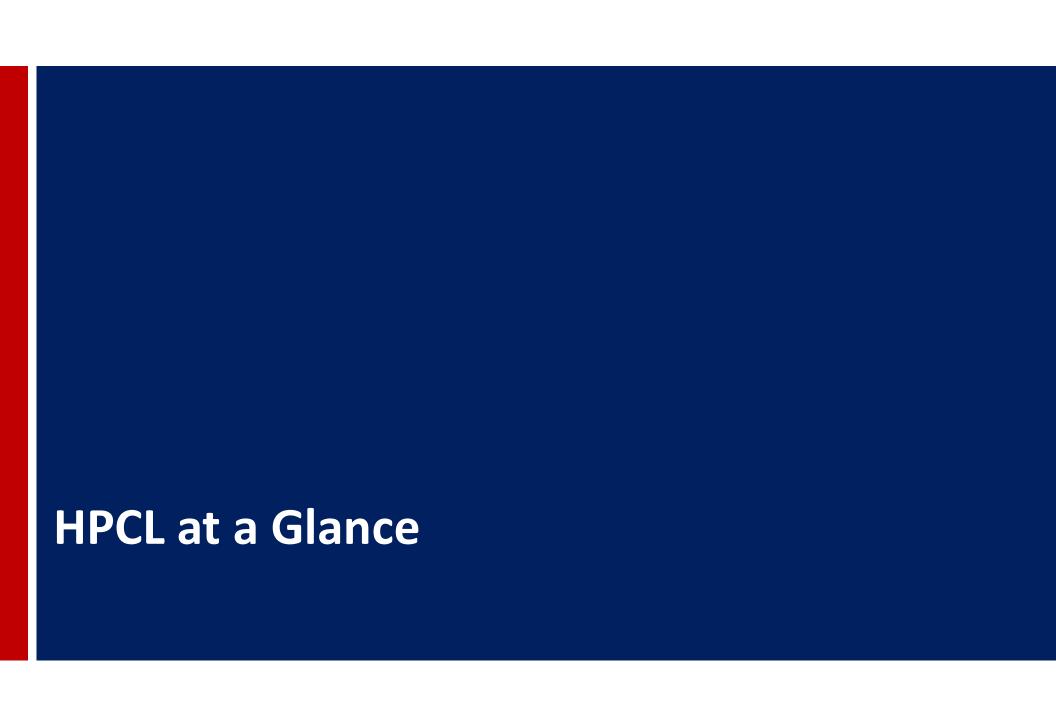
Investor Presentation

Mumbai 10th May, 2024

Plan of Presentation







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

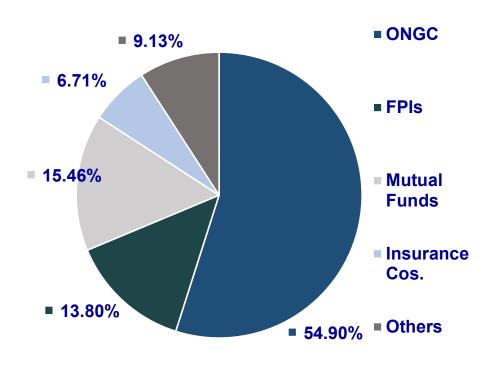


Enduring Relationship with Stakeholders

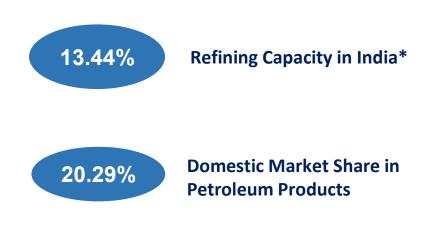
Shareholder Profile and strong presence in Indian O&G Sector







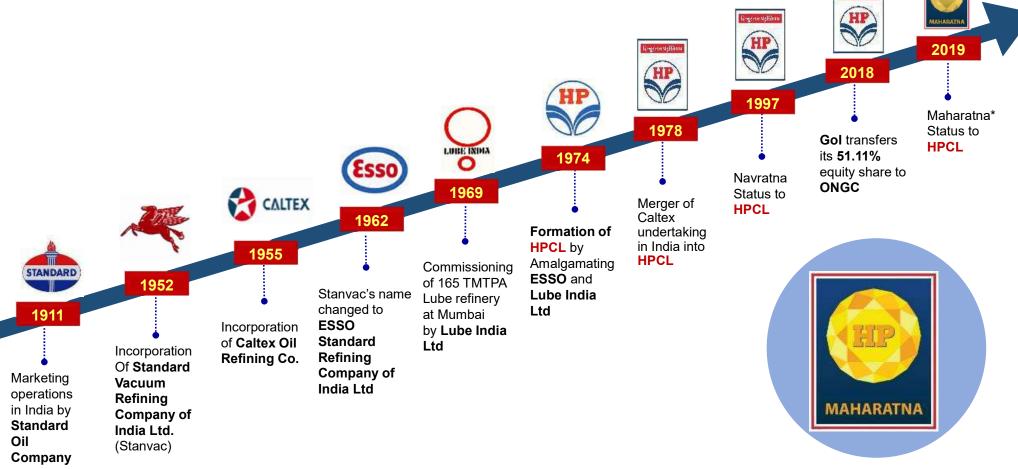
Strong presence in Indian Oil & Gas Sector



^{*} Incl. HMEL capacity and Visakh Refinery expanded Capacity at 13.7 MMTPA

Visakh refinery Under Capacity Expansion to 15 MMTPA
 (~ 16.9% post-expansion of VRMP, HMEL and post-completion of HRRL)

Legacy of over 100 years

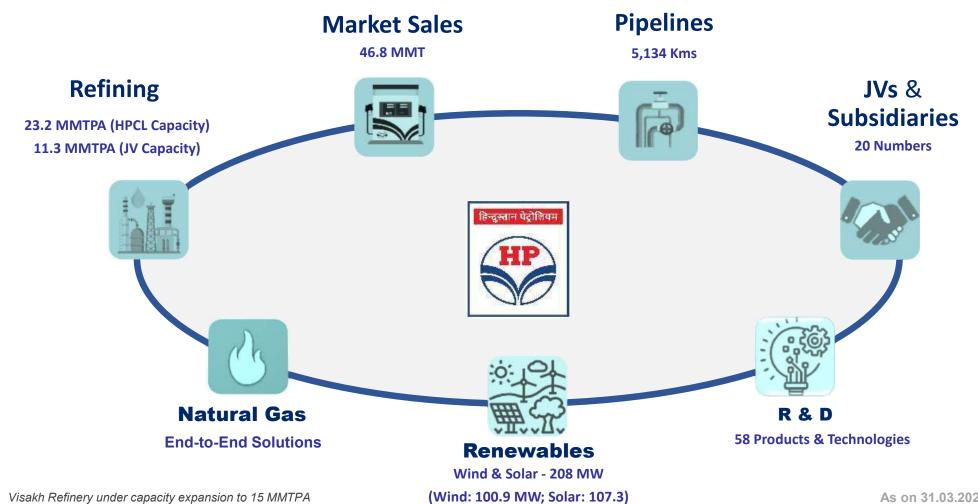




Diversified Portfolio







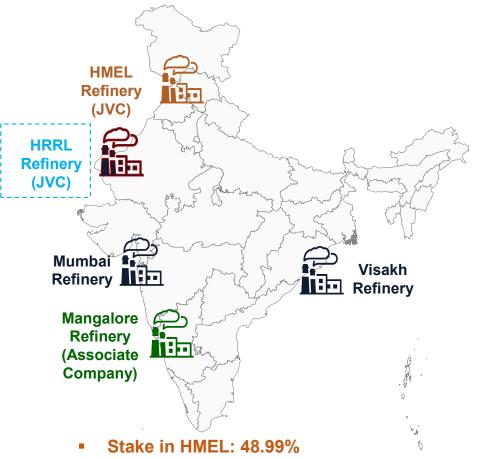
Visakh Refinery under capacity expansion to 15 MMTPA

As on 31.03.2024

Refinery Infrastructure







Stake in MRPL: 16.96%

Stake in HRRL (Under Construction): 74%

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

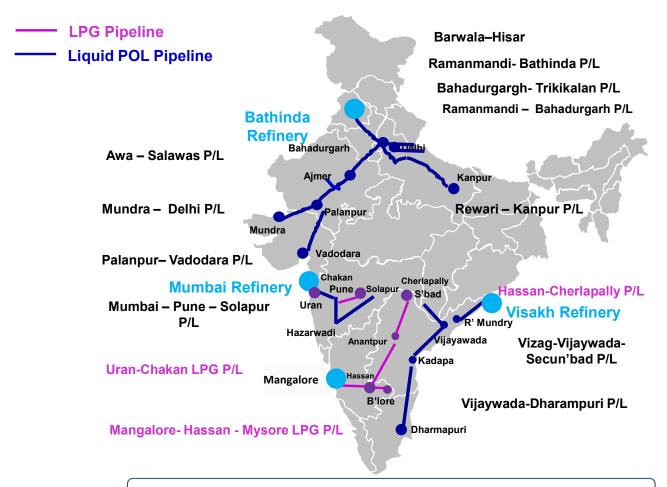
- **Coastal Refineries**
- Pipeline connectivity to hinterlands
- Product evacuation majorly through **Pipelines**

^{*} Visakh Refinery under capacity expansion to 15 MMTPA

Cross Country Pipeline Network







*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

Second largest Petroleum Product Pipeline Network in India

*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



Lube Depots



LPG Plants



ASFs



81

LPG bottling capacity

Lube blending capacity

Petroleum Oil Lubes (POL)Tankage

Description

QC Labs

34

Capacity

3.3 MMT

6.6 MMTPA

340 TMTPA

48 Nos.

56

55
Lube Blending Plants



Strategically located state-of-art Infrastructure

5

As on 31.03.2024

Customer Touchpoints





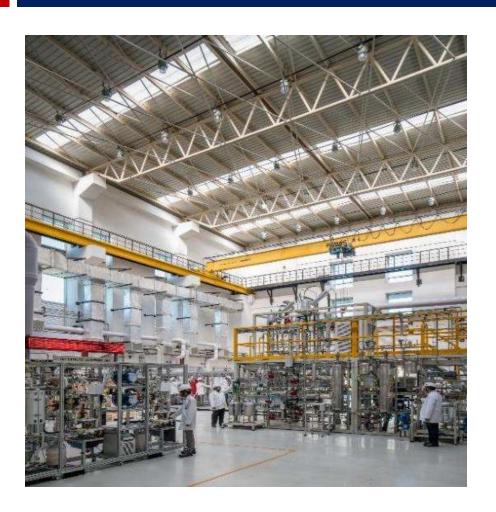
Retail Outlets
LPG Distributorships
SKO / LDO Dealerships
Lube Distributors (Ind & Auto)
Mobile Dispensers
CNG facilities at ROs
EV Charging facilities at ROs
LPG Consumers
Daily Customer Interactions

22,022
6,349
1,638
474
817
1,690
3,603
96 Million
25 Million

Focus on Research and Development







R&D Achievements		
New Technologies / Products demonstrated	58	
Patents applied	547	
Total Patents granted	210	

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

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 Infra and Marketing



Joint Venture in Natural Gas Infrastructure & Marketing



Subsidiaries

Biofuels Natural Up



Overseas Renewables Marketing









GITL- GSPL INDIA TRANSCO LIMITED



Growth through Partnerships

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

Ratings and Accolades



At par with India's Sovereign Rating

Recognitions and Accolades



Baa3 (Stable)



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



BBB- (Stable)



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 Highlights: FY 2023-24







Record Consolidated Net Profit at Rs. 16,015 Cr

Highest Ever Standalone Net Profit at Rs. 14,694 Cr



Recorded Highest ever Market Sales of 46.8 MMT

- Sales Volume Growth of 7.8%; Market Share gain of 47 bps vis-à-vis PSU counterparts



Highest Ever Refinery Thruput of 22.33 MMT

- 103% Capacity Utilization



Refinery GRM US\$ 9.08/bbl

Improved Refinery Distillate Yield and Lower F&L



Highest Ever Pipeline Thruput of 25.83 MMT

- Efficient economic and environment friendly transportation thru pipelines

Strong Refining & Marketing Performance



\$17.15



\$13.08



LPG

Retail

Direct

Market Sales (in MMT)

Others



\$9.20

\$6.92

\$8.12

\$14.82

\$7.60

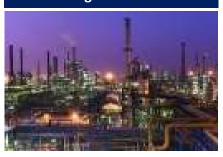
\$10.35

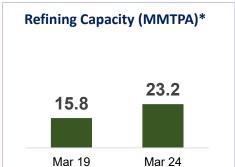
Infrastructure Capability enhancement in last 5 Years



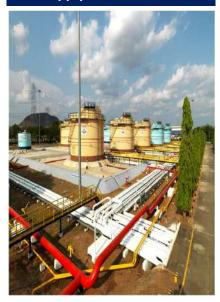


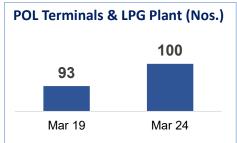
Refining Infrastructure

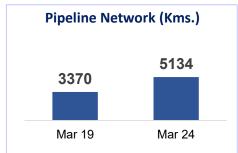




Supply & Distribution





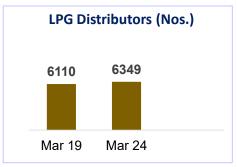


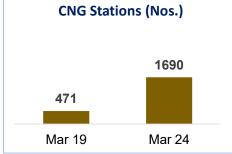
Customer Touchpoints Infrastructure

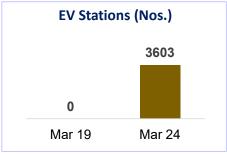












^{*} Considering enhanced VR capacity of 13.7 MMTPA eff. Nov'23

Strengthening of Infrastructure across value chain



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



Return to Shareholders Number of Shares

Before 2016 Bonus

Sep 2016 (2:1)

Post 2016 Bonus

12

Post 2017 Bonus

July 2024 (1:2)*

July 2017 (1:2)

18

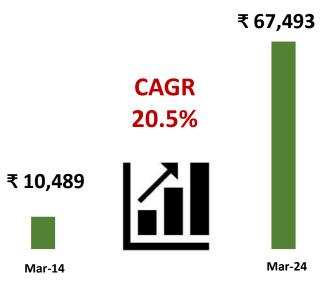
Post 2024 Bonus*

4 shares in 2016 will become 27 Shares in July,2024*

27

Market Cap (Rs. Cr)*



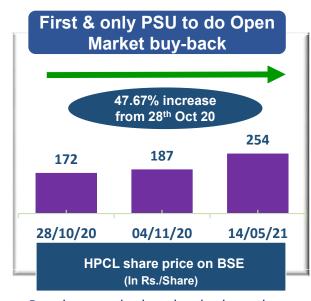


*BSE at close of month.

Total return to Shareholders ~ 30.8%

Consistent returns to Stakeholders

Share buy-back Program



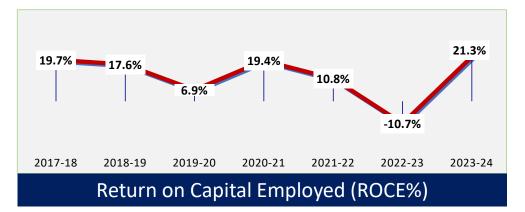
- Board approval share buy back worth Rs. 2500 Cr on 4th November 2020
- Maximum Buyback Price at a premium of 45.52% and 45.43% over the closing prices on both BSE and NSE, respectively, on October 28, 2020.

^{*} Subject to approval of Shareholders

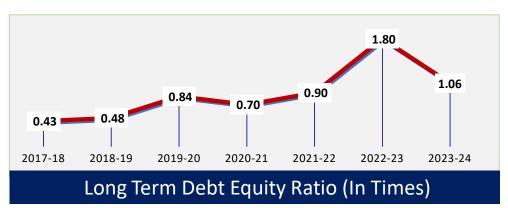
Key Financial Performance Parameters

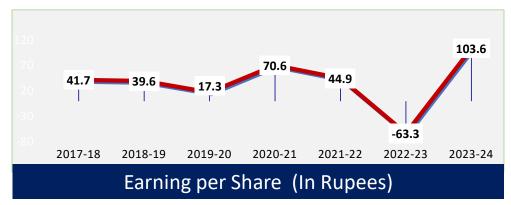








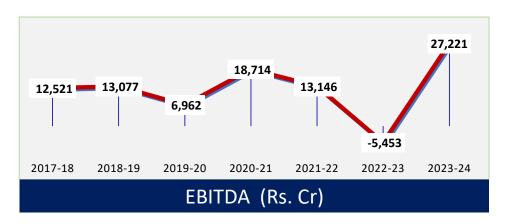




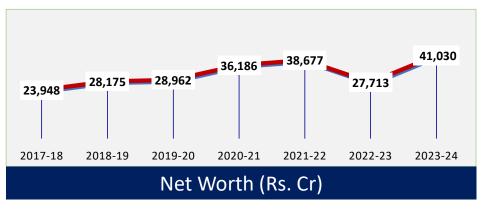
All Financial parameters reflecting inherent strength & growth potential

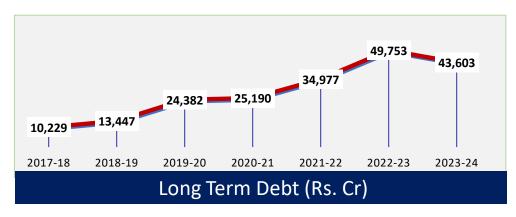
Key Financial Performance Parameters











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

34.5 MMTPA



45.3

MMTPA

2023-24

2027-28

Refinery	2023-24 (MMTPA)	2027-28 (MMTPA)	Capacity Addition (MMTPA)
MR	9.5	9.5	0.0
VR	13.7	15.0	1.3
HMEL (JV)	11.3	11.8	0.5
HRRL	0.0	9.0	9.0
Total	34.5	45.3	10.8



Project Completed	Physical progress	Project Cost (Rs. Cr)
MR Expansion (7.5 to 9.5 MMTPA)	Commissioned	5,060
VR Modernization (8.3 to 15.0 MMTPA)	Progressive Commissioning	26,264
HRRL – 9 MMTPA Green Field Refinery & Petrochemical complex	77.5%	72,937

Rajasthan Refinery (HRRL): Project Snapshot





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

■ Project cost: Rs. 72,937 Cr.

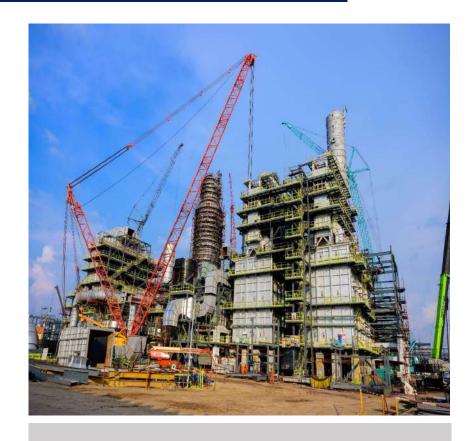
Capacity : 9 MMTPA

Location : Pachpadra, Rajasthan

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

: ~ 4,500 acres Land

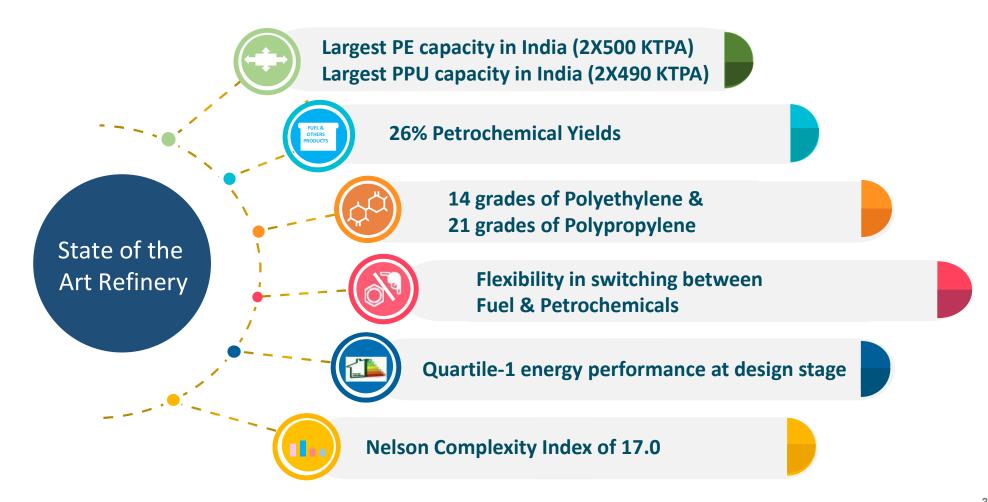
■ Expenditure : ~ Rs. 45,479 Cr. (31st Mar 24)



HRRL Project, Rajasthan

HRRL: Uniqueness of the Project





HRRL: Units, Product Slate & Expected Margins





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:

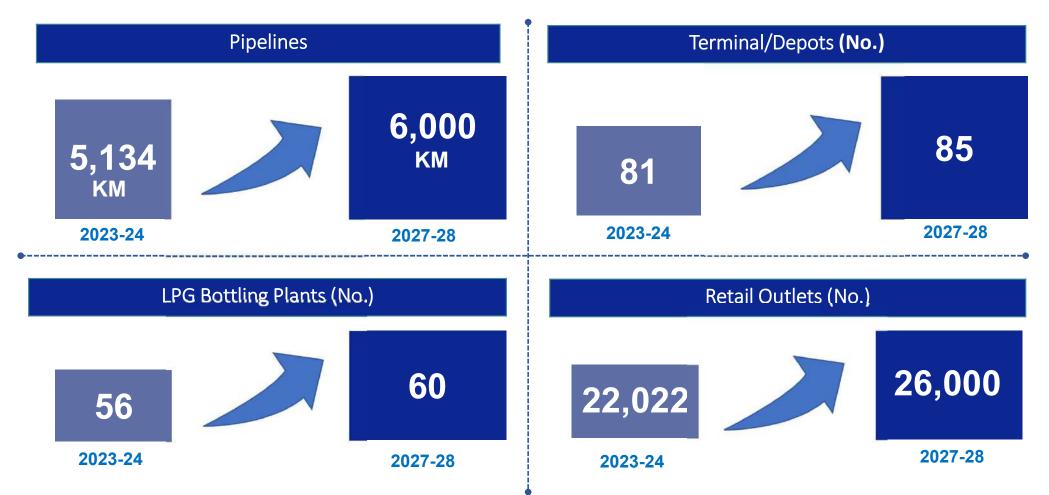
Crude P/L Mundra to HRRL Crude P/L from Mangala Processing Terminal Raw water Pipeline

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

Expected Complex GRM: US\$ 20.95/Barrel

Marketing Network Expansion





Portfolio expansion in Petrochemicals & Natural Gas



Petrochemical Capacity

2.2 MMTPA



4.6 MMTPA

2023-24

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
- 45.6 TMT sales in FY 2023-24

Natural Gas

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

CNG Stations (No.)



2023-24

3,000

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 (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

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

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. 4,293 Cr

Current Status

- Mechanically completed
- Pipeline Connectivity at advanced stage (BY GSPL)
- Breakwater facilities under construction
 (By Simar Port Private Ltd.)



Green Opportunities - Biofuels



Biofuel Capacity

12.06 TMT



300

TMT

2027-28

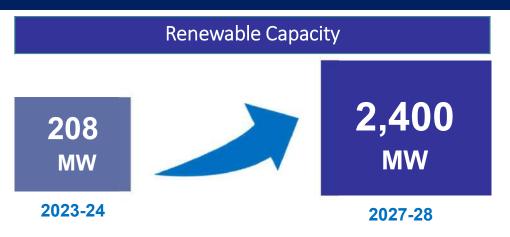


CBG Plant at Budaun- Milling Section

Biofuels Projects	Status	Project Cost (Rs. Cr)
14 TPD Capacity CBG Plant at Budaun, UP	Commissioned	133
1.6 TPD CBG Plant at Pathmeda, Rajasthan	Commissioned	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





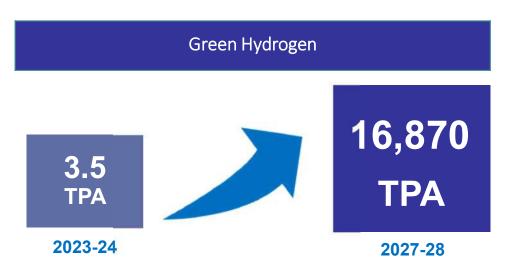


- Current power requirements to renewable sources (500MW) under Conversions
- Participation in Tariff Bidding
- 100% Solarisation of Retail Outlets (80% completed)
- Wholly owned subsidiary 'HPCL Renewables and Green Energy Limited' for consolidation of 'Green & Renewable' Business opportunities under one umbrella is now operational.

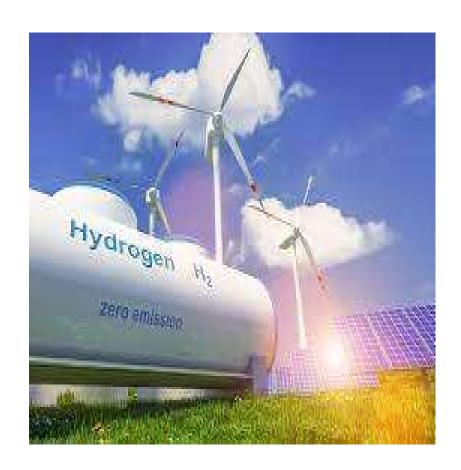
Renewables Project	Status	Project Cost (Rs. Cr)
Jhansi Solar Project	Commissioned	37
Panipat Solar Project	Mechanically completed	45
Solar Power Plant at Galiveedu	Upcoming	682
Greening Retail Outlets- Delhi	Upcoming	55

Green Opportunities - Green Hydrogen





- 370 TPA Green Hydrogen Plant under construction at Visakh Refinery
- 12,200 TPA Green Hydrogen Project at Visakh Refinery
- 4,300 TPA Green Hydrogen Project at HRRL



Digital Vision & Strategy

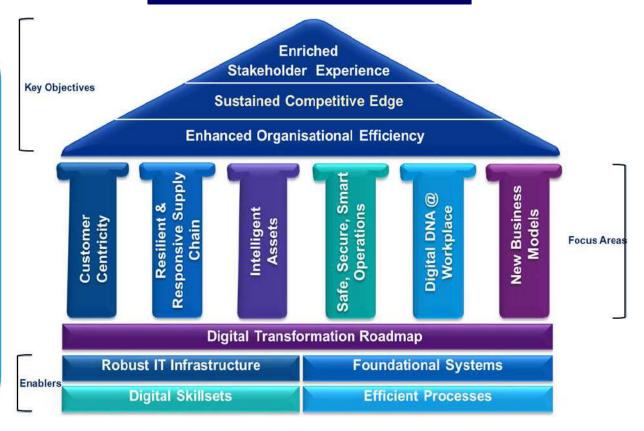




HPCL Digital Vision

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

New Business Models

E- commerce Platform

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

11



Workforce Enablement

HR Analytics Connected worker **Smart Helmets**

Project Portfolio Management Office Warehouse Management





Demand Forecasting Smart Fleet 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

<u>^</u>

8

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





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











Rs. 77,000 Crore



8%
Renewable



15%

Gas



4%

Biofuels



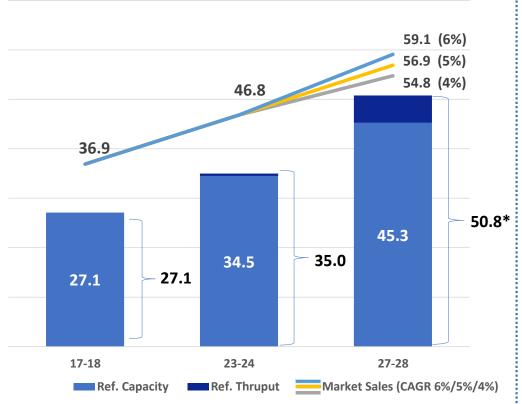
3%

EV/alter nate

Maturing CAPEX to help Boost Bottomline







* 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 31st Jan 2022



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

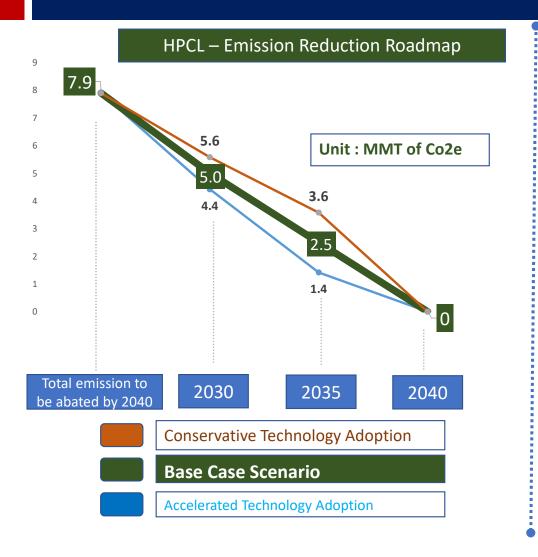
- HPCL is committed to conduct business with an objective of preserving the environment and contributing to sustainable development.
- Plans underway to achieve Net zero Scope 1 & 2 emissions by 2040.
- Dedicated Energy Transition Cell





HPCL Net Zero Plan: Development of Roadmap

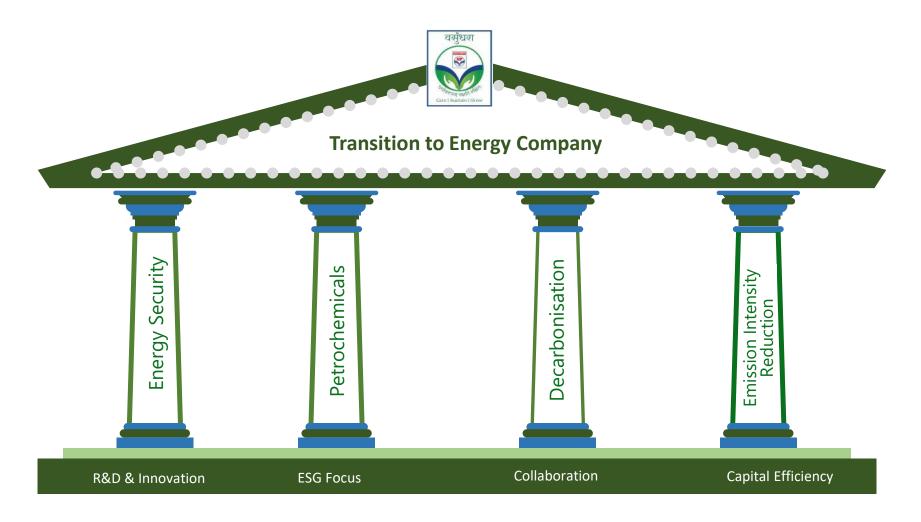




Key Levers/investment for emission reduction			
Lever	Investment	% Reduction	
1 Efficiency	> Rs. 10,000 Cr	17%	
2 Renewables	> Rs. 10,000 Cr	17%	
Fuel switch to bio gas	> Rs. 29,200 Cr	48%	
Green Hydrogen	> Rs. 4,200 Cr	7%	
5 ccus	> Rs. 6,400 Cr	11%	
Flare 6 reduction	> Rs. 200 Cr	0.3%	
Total	Rs. 60,000 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. Pushp Kumar Joshi, Chairman & Managing Director

- He is a Doctorate in Human Resource Management, Post Graduate in Human Resource Management from XLRI, Jamshedpur and Bachelor of Law from Andhra University. Prior to this, he was Director, HR of the Corporation from August 01, 2012. In past, he also held key portfolios in HR functions viz. Executive Director, HRD and Head, HR of Marketing Division. During his tenure as Director HR, he was responsible for overseeing the design and deployment of key HR policies and strategies while leading Human Resources practices that are employee-oriented and aimed at building high performance culture
- He also holds the directorship on the boards of Hindustan Colas Pvt Ltd (HINCOL), HPCL Rajasthan Refinery Limited (HRRL) and HPCL Mittal Energy Ltd. (HMEL)



Mr. Rajneesh Narang, Director - Finance

- He is Director -Finance of HPCL 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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