

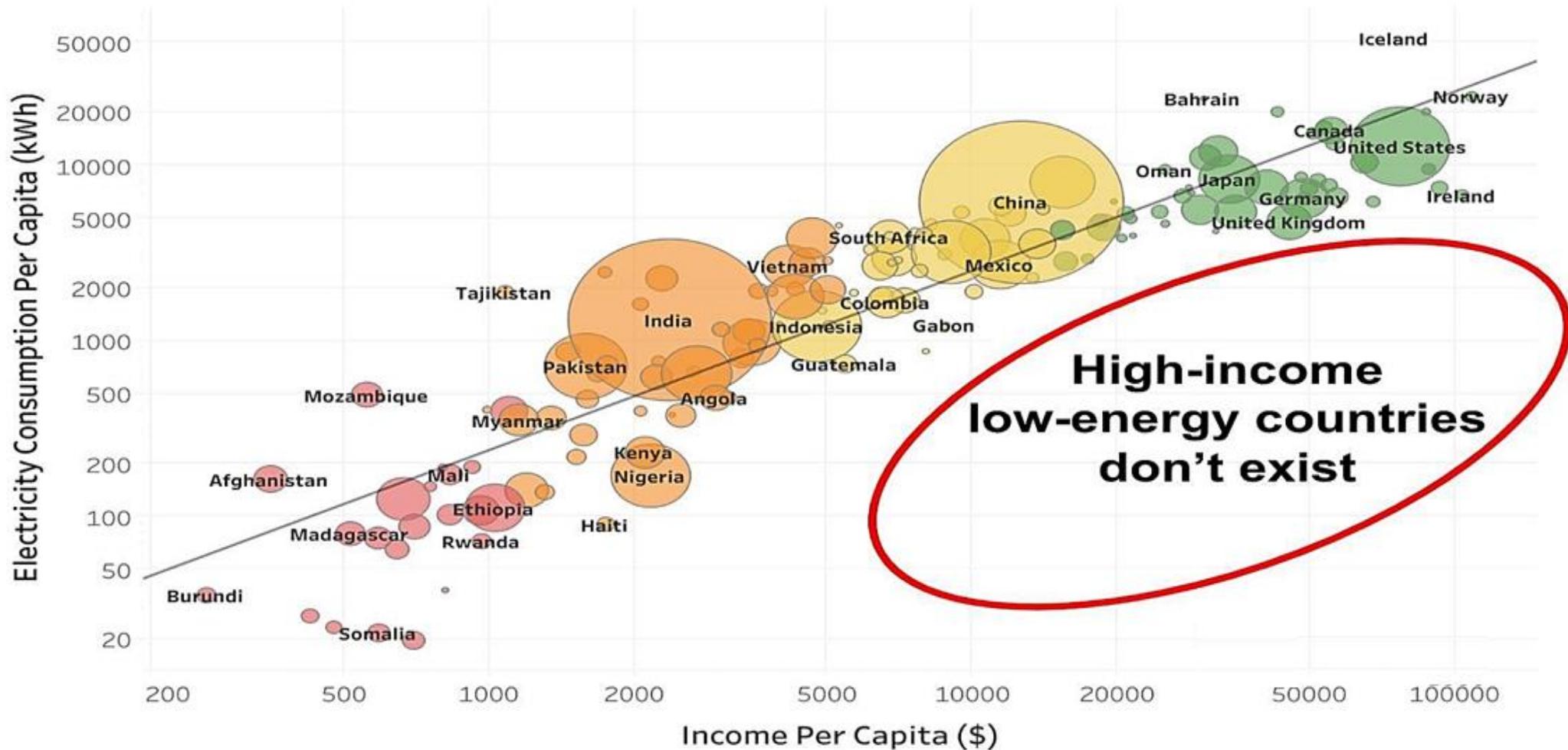
Kotak Energy Opportunities Fund

An open-ended equity scheme following Energy theme

NFO Opens On: 3rd April , 2025 | Closes On: 17th April , 2025

Energy Is A Key To Prosperity

Electricity Consumption Vs Income Per Capita, 2022



Energy Value Chain

Power Value Chain



Generation

Through Thermal, Gas, Hydro, Nuclear, etc.



Transmission

Movement from generating site to sub-stations



Distribution

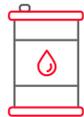
Movement from substations to end consumers

Oil & Gas Value Chain



Upstream

Exploration and extraction of oil & gas.



Midstream

Refining, transportation, and storage.



Downstream

Marketing, and distribution of refined products to end users.

Renewable Energy



Solar Energy

Solar Cell & Module Manufacturing, EPC



Wind Energy

Equipment Providers



Hydro Power

Storage Solutions



Green Hydrogen

Electrolysers



Nuclear Energy

Small modular reactors

Energy Ancillary



Capital Goods

Companies providing support to the energy industry.



Turnkey & EPC Companies

End-to-End project delivery, from design to operation

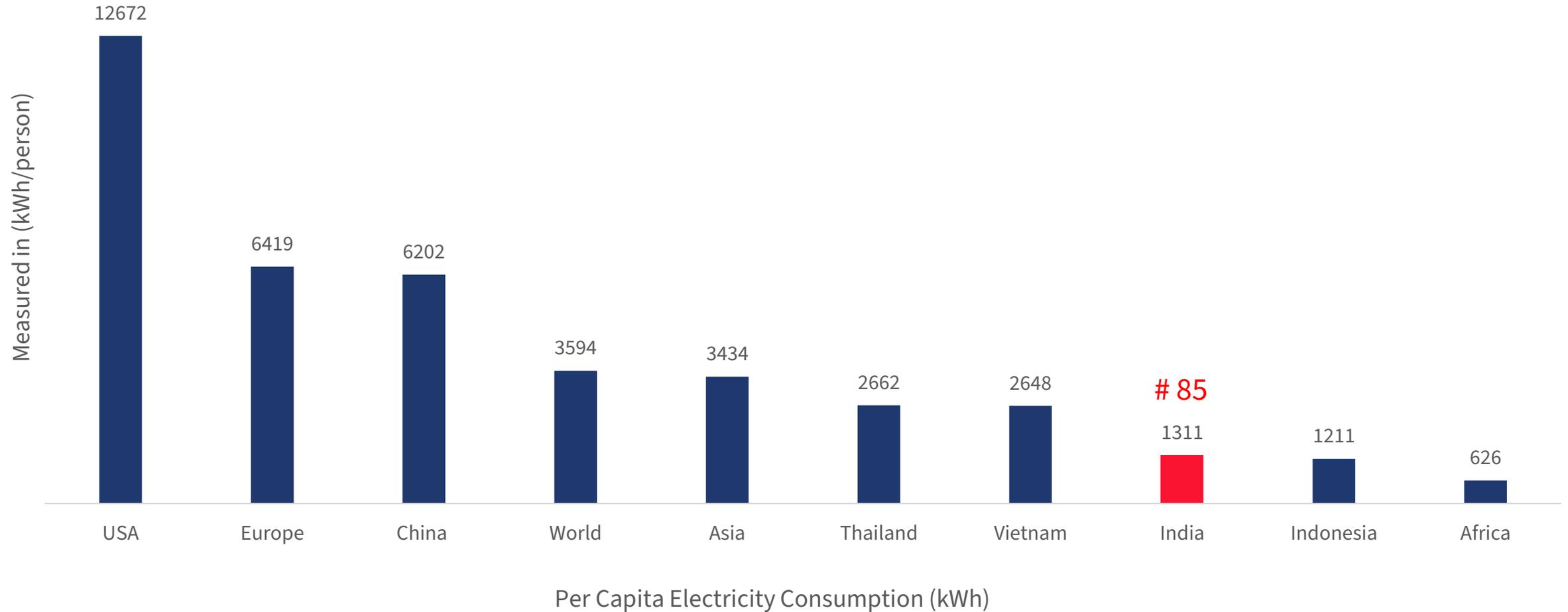


Power Storage Solutions

Include batteries, thermal, or mechanical systems

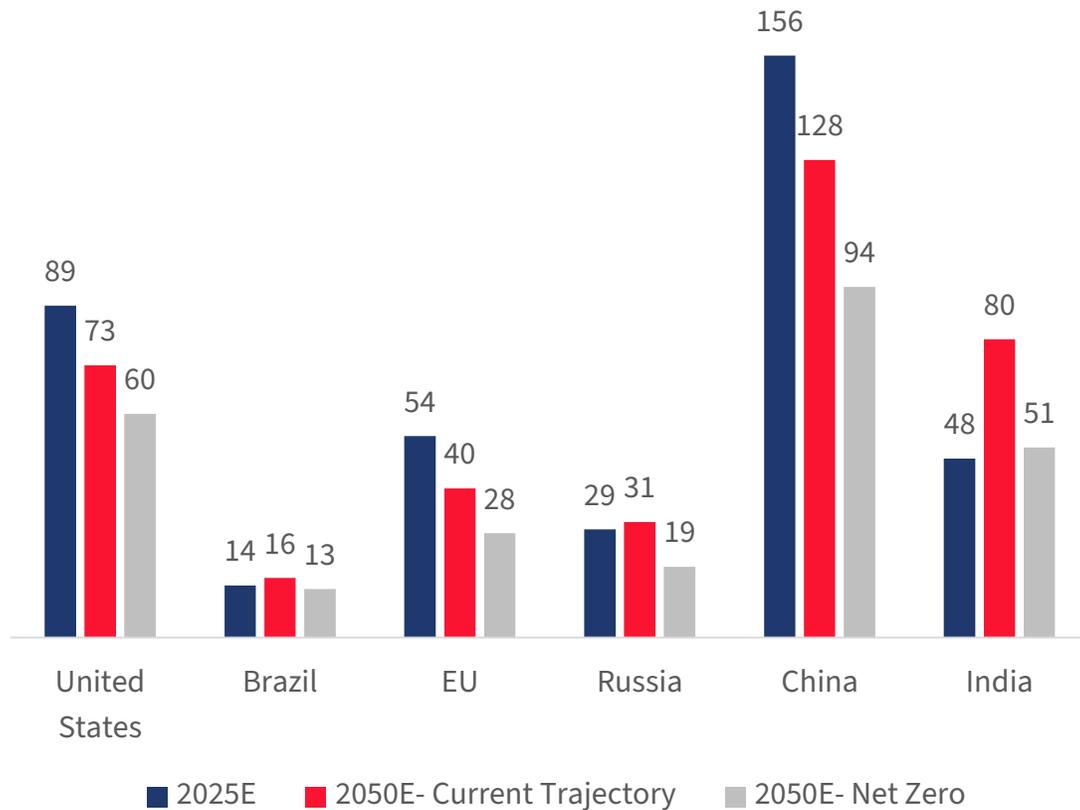
India's Per Capita Power Consumption Is Far Below Global Average

India Ranks 85th In Global Per Capita Electricity Consumption

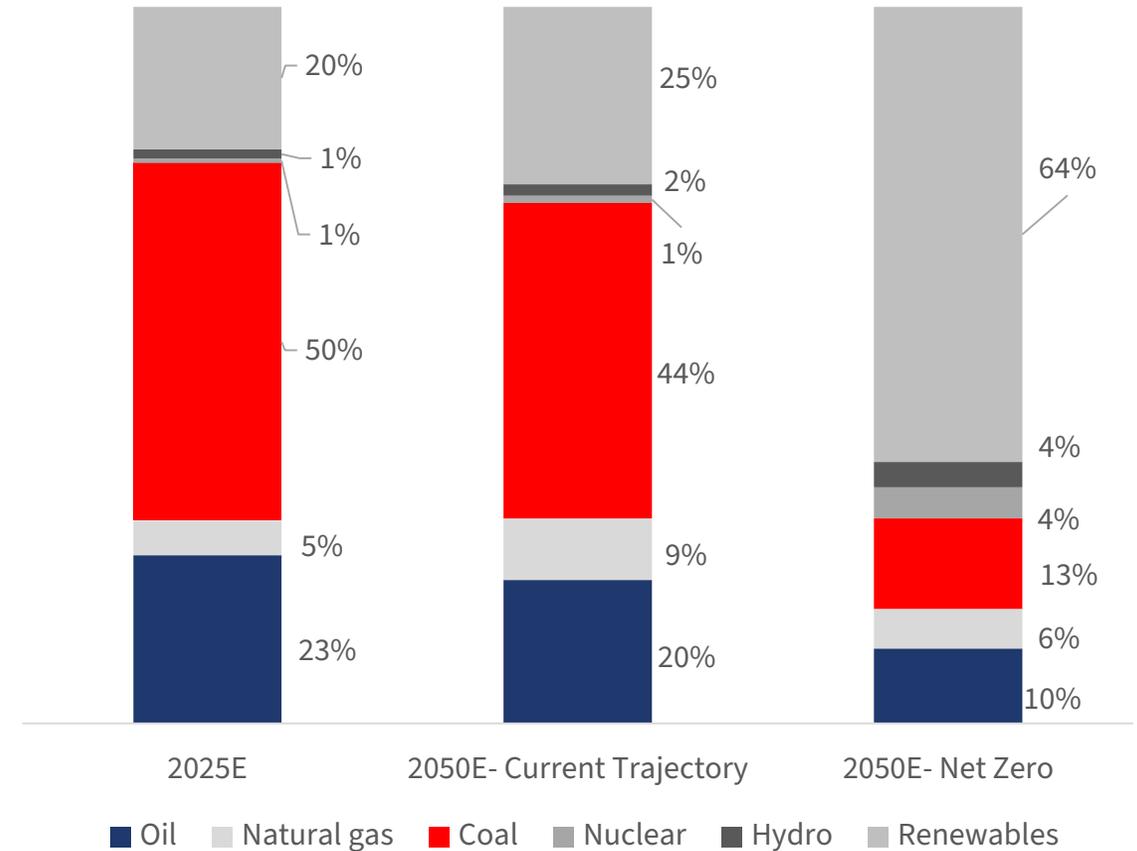


India - The Fastest Growing Energy Consumer In The World

Primary Energy Consumption (in Exajoules)



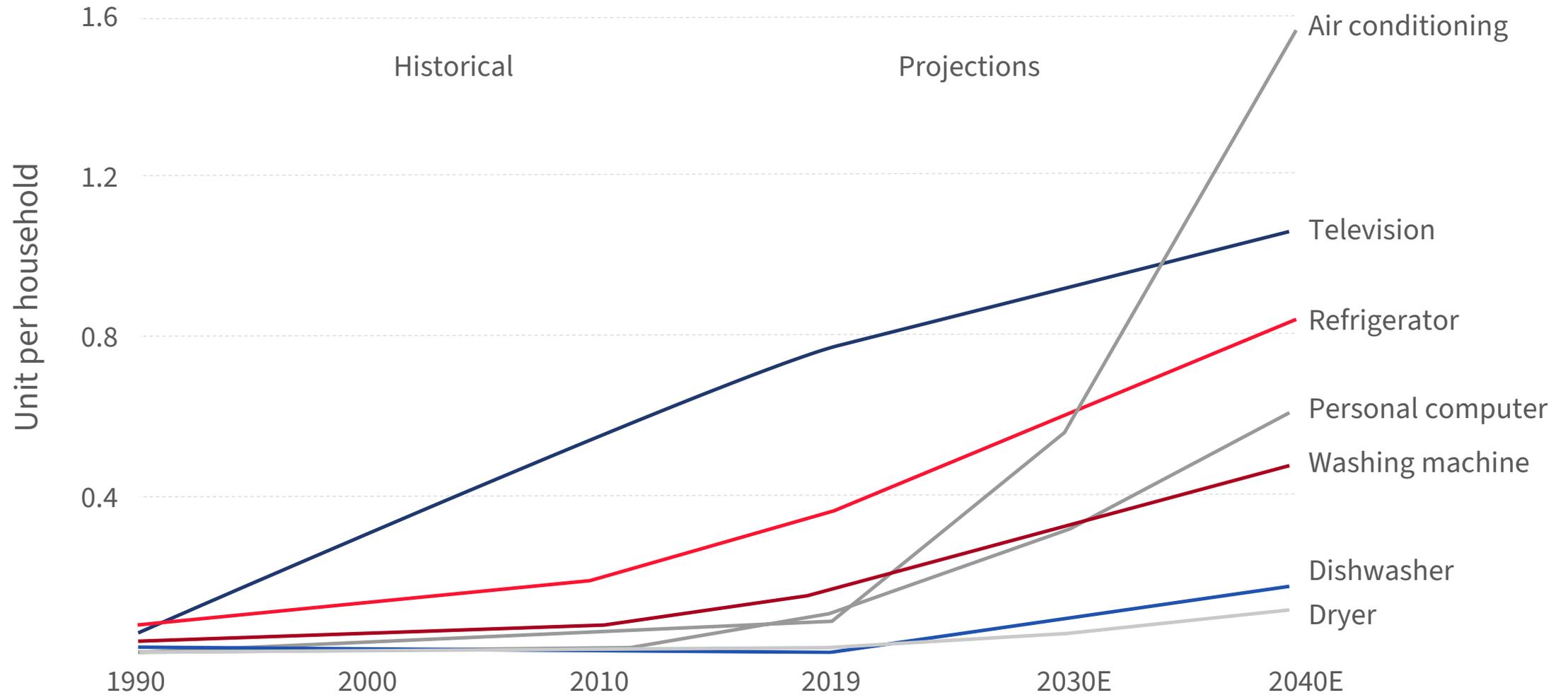
India's Primary Energy Consumption By Fuel (% Share)



Source: BP Energy Outlook 2024; Energy Consumption is measured in Exajoules. 1 Exajoule = 34.1 Mn ton coal equivalent, Renewables include wind, solar, geothermal, biomass, biomethane and biofuels, as per latest data available

Rising Affluence And Evolving Lifestyles Will Drive Energy Consumption

Appliance Ownership In Indian Households



Source: IEA Outlook 2019, Bernstein Report as on Sep 2024, as per latest data available

New-Age Industries That Could Drive The Next Demand Boom

Electro – Intensive Industries



Electric Vehicles



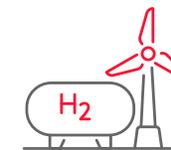
Data Center



Metals & Mining

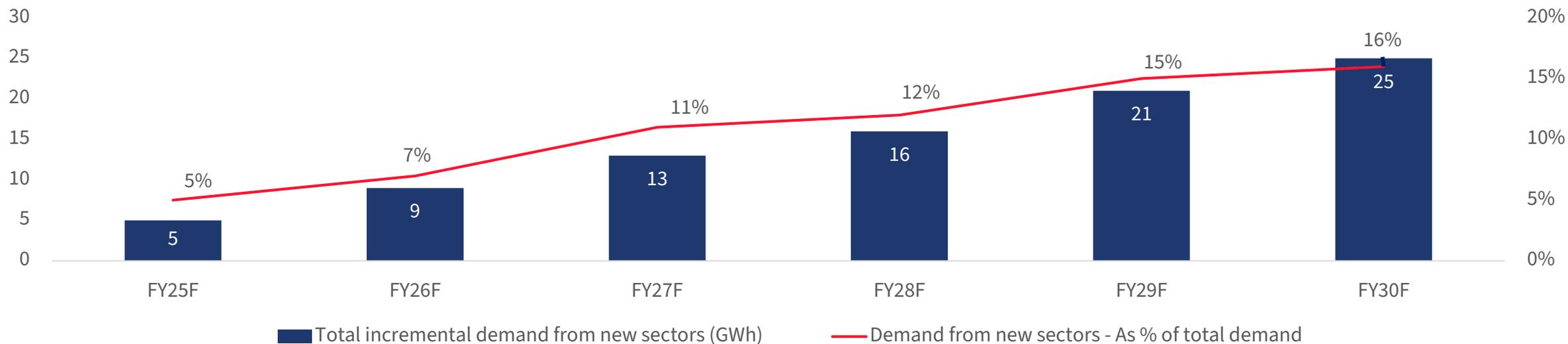


Metro & Railways



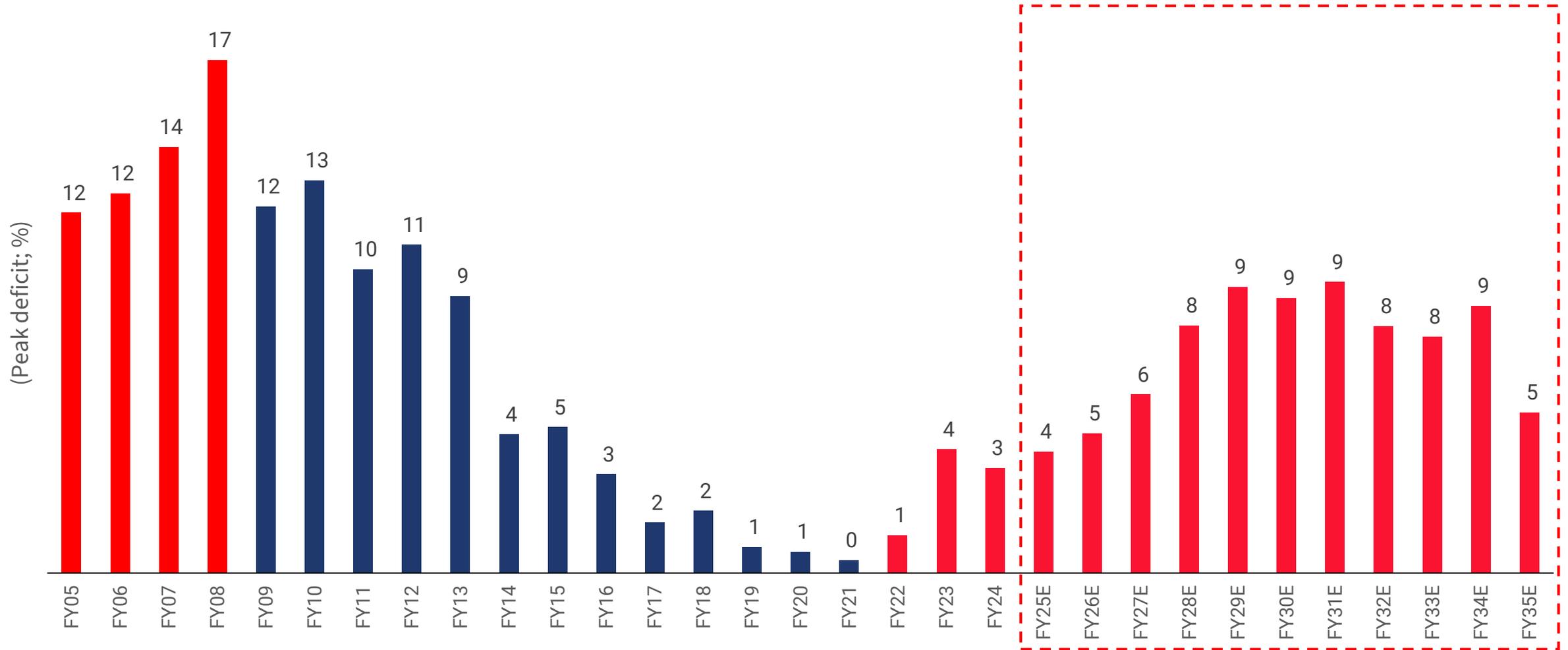
Green Hydrogen

Evs And Data Centers Can Be 16% Of Incremental Electricity Demand By 2030



Source: KMAMC Internal, Nomura Research report dated November 2024. The stock(s)/sector(s) mentioned in this slide do not constitute any recommendation and Kotak Mahindra Mutual Fund may or may not have any future position in these stock(s)/sector(s). Kotak Mahindra Asset Management Company Limited (KAMAMC) is not guaranteeing or promising any returns/futuristic returns.

India Heading Towards Multi-Year Power Supply Deficit

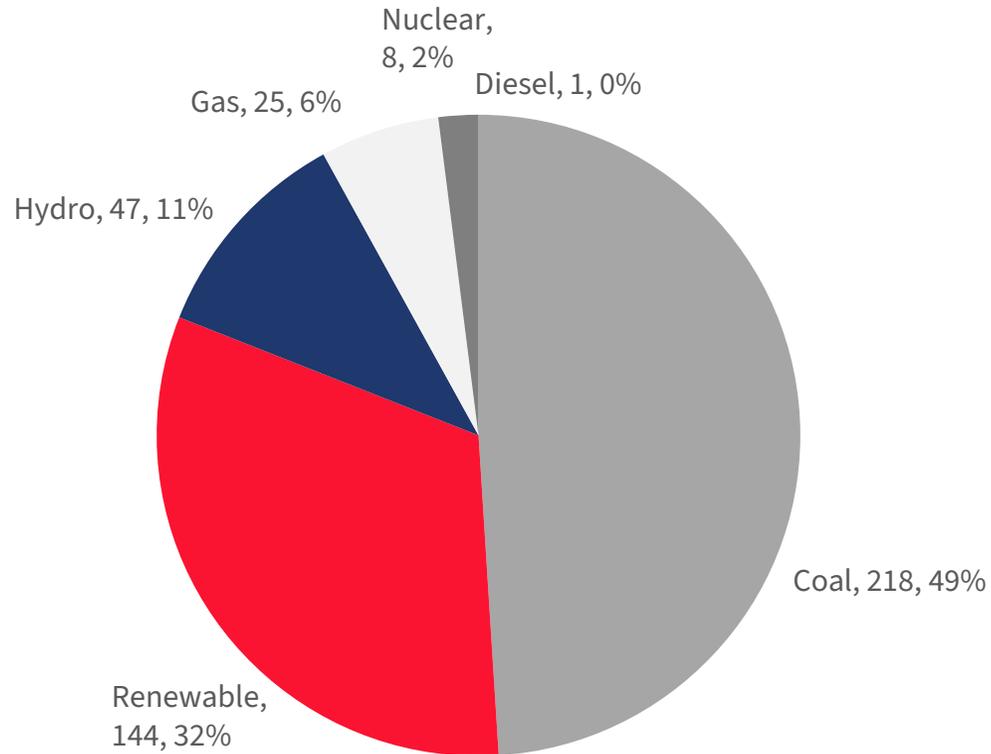


Red bars denotes rising peak deficits, blue denotes declining peak deficits

India's Installed Capacity Is Expected To Double In 11 Years

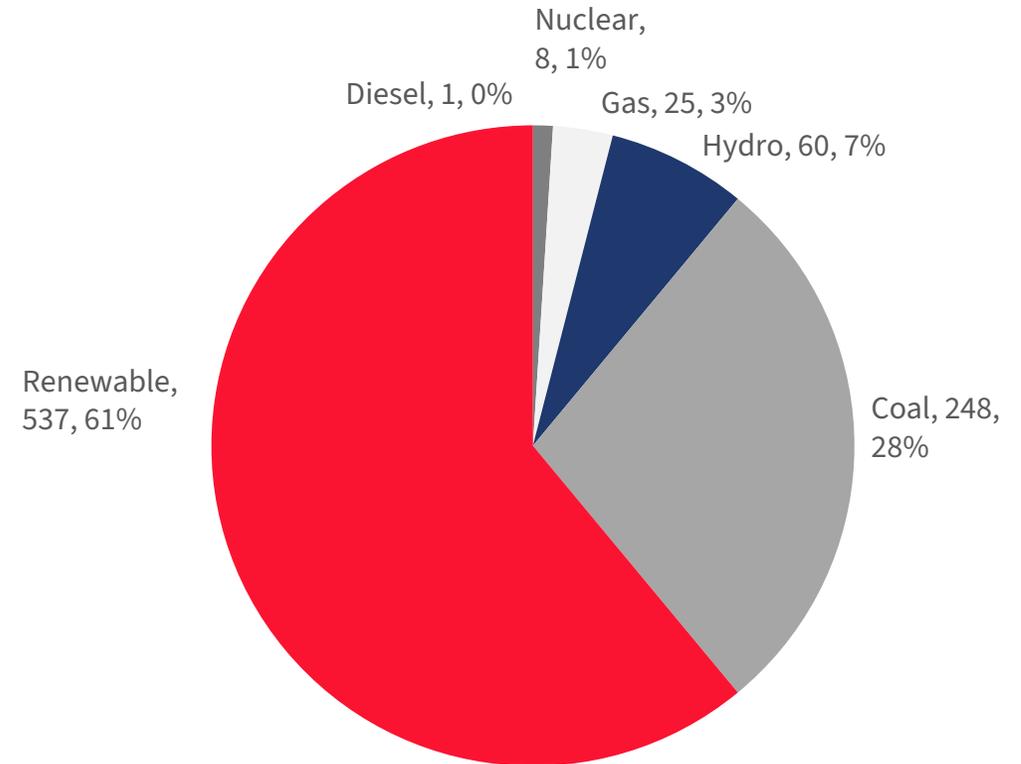
90% Of The Growth To Be Driven By Renewables

Total 443 GW



India's installed power capacity, March fiscal year ends, 2024 (in GW, %)

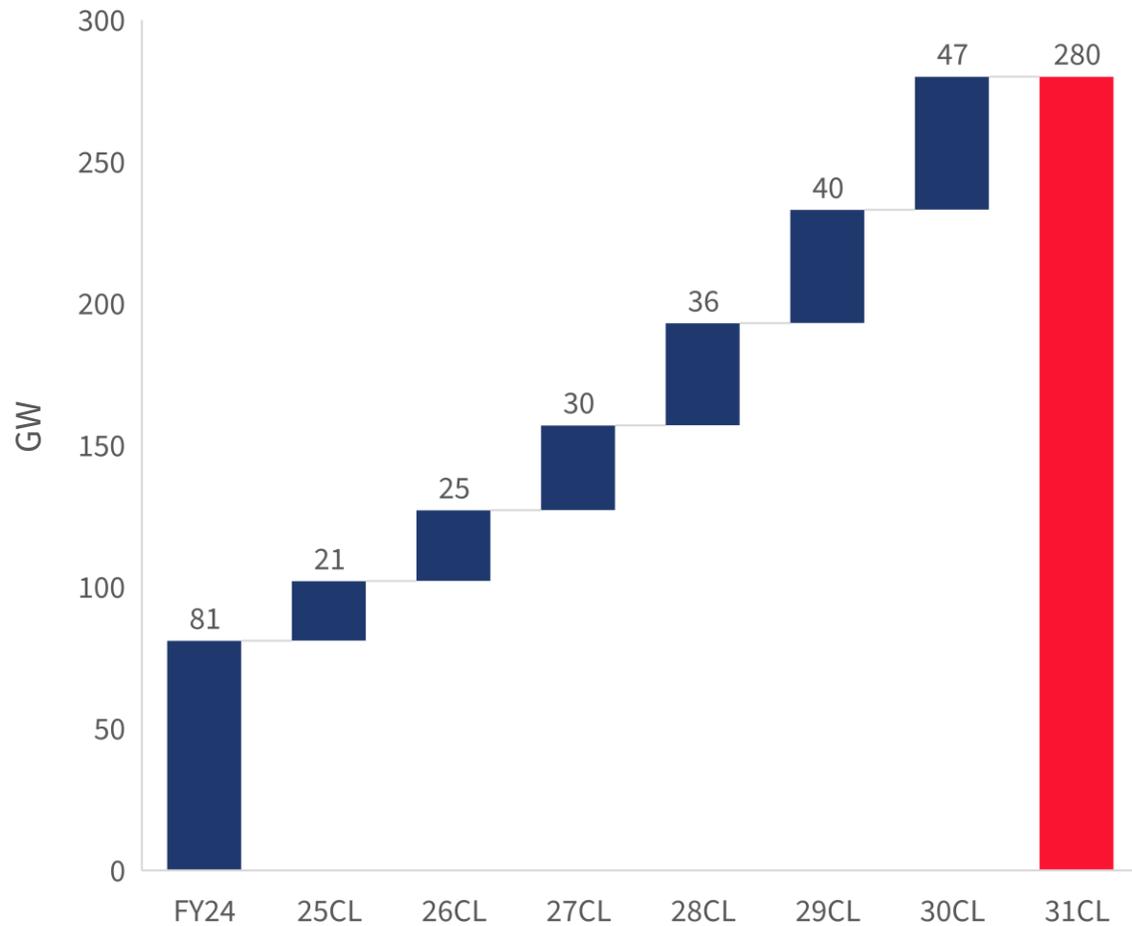
Total 879 GW



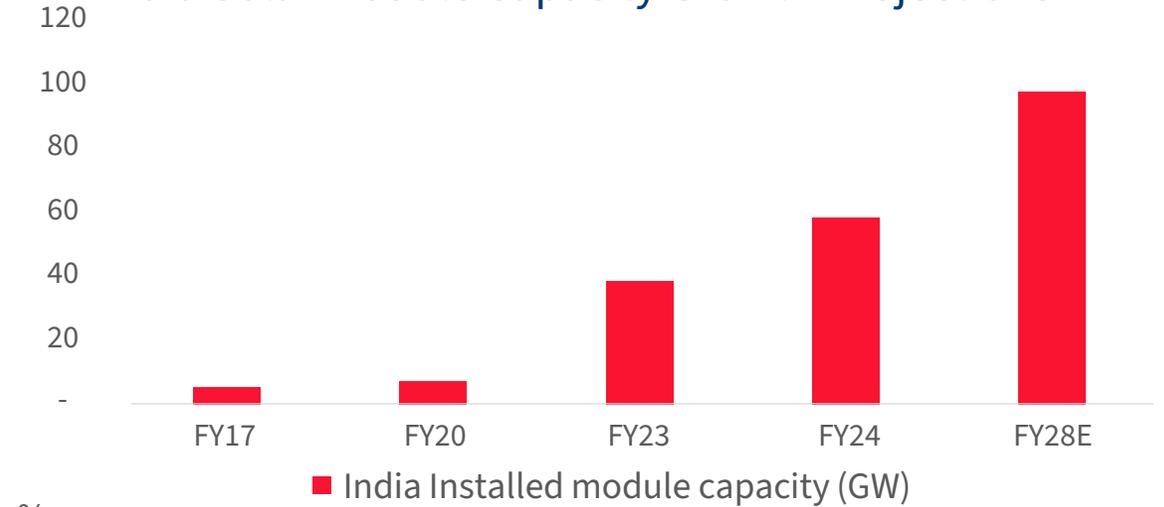
Expected India's installed power capacity, March fiscal year ends, 2035 (in GW, %)

Renewable Energy : Solar To Keep Shining

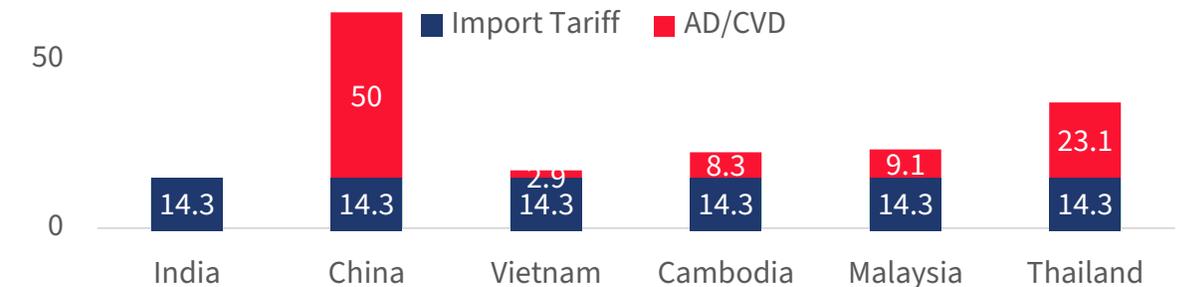
Incremental Annual Solar Demand In India Is Expected To Rise



India Solar Module Capacity Growth Projections



Applicable Tariffs On Solar Cells/ Modules Imported To The US



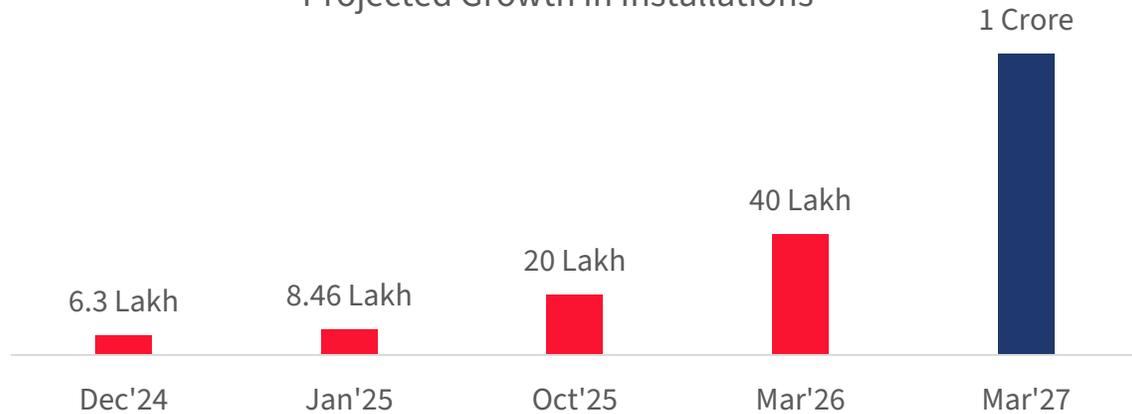
Source : MNRE, CLSA, JP Morgan, PV Magazine, as per latest data available; CL stands for CLSA's Estimate

PM Surya Ghar: Muft Bijli Yojana

World's Largest Domestic Rooftop Solar Initiative

Vision To Supply Solar Power To 1 Cr Households By Mar 2027

Projected Growth In Installations



Avg Monthly Electricity Consumption (units)

Suitable Rooftop Solar Plant Capacity

Subsidy Support

0-150	1-2 kW	Rs. 30k to 60k
150-300	2-3 kW	Rs. 60k to 78k
>300	Above 3kW	78k

- Expansion Of Solar Capacity: Scheme is projected to add **30 GW**
- Around **70000 installations** per month
- 45%** of beneficiaries are now receiving zero electricity bills
- Over their 25-year lifespan, these rooftop systems are expected to **generate 1,000 BUs of electricity.**
- Initiative set to **save Rs. 75,000 crores** annually in electricity costs.

Can Nuclear Fusion Be A Game-Changer ?

FRENCH SCIENTISTS BREAK WORLD RECORD WHILE CREATING 'ARTIFICIAL SUN'

French scientists have achieved a nuclear fusion breakthrough with the WEST reactor, maintaining plasma for over 22 minutes. This milestone could revolutionize clean energy by providing a limitless, environmentally friendly power source.

Source: First Source • February 12, 2025, 13:38:29 IST

HOW INDIA HAS HELPED THE WORLD IN CREATING A 'MINI SUN' IN FRANCE

But what is India's contribution to the ITER project? Simply put, a lot.

Firstly, India has committed Rs 17,500 crores, about 10 per cent of the cost. India has also put its stamp on the ITER project by providing the crucial cryostat — which houses the nuclear reactor and helps keep it cool.

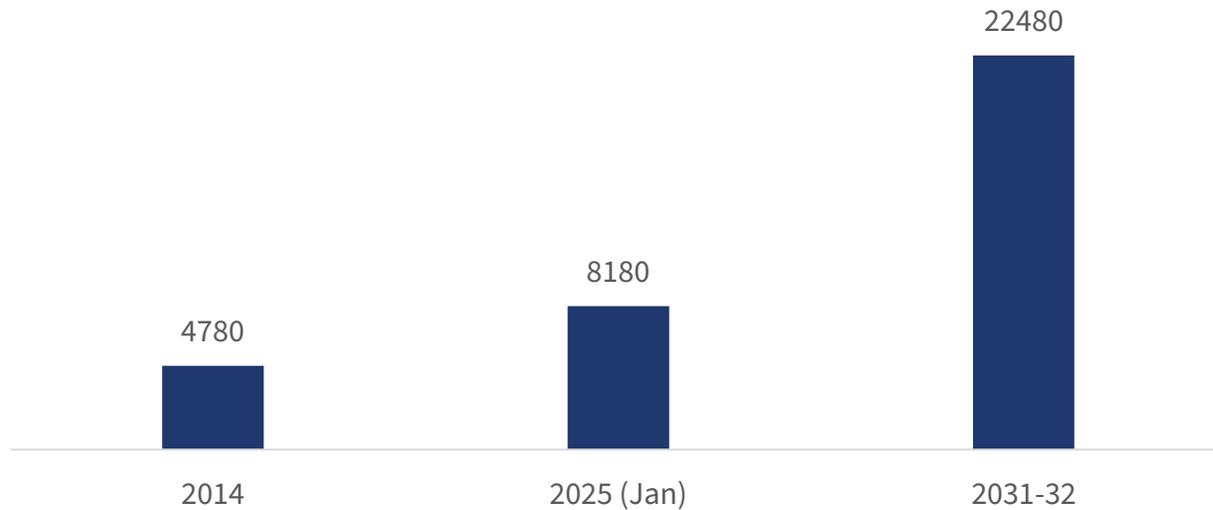
It was made by Larsen & Toubro in Gujarat and is believed to be the biggest of its kind in the world. It will surround the ITER's superconducting magnets and vacuum vessel inside the tokamak, and achieve temperatures as cold as -193 degrees Celsius.

Source: ET Online Feb 21, 2025, 12:58:00 AM IST

Did You Know? India's Role in France's Fusion Project

Small Modular Reactors to Fuel India's Green Energy Transition

Installed Nuclear Capacity (MW)



Outlay **of Rs. 20,000 Crore**
Proposed For The Nuclear
Energy Mission

Aims To Develop At Least **5**
Small Modular Reactors By
2033

INDIA AND FRANCE PLAN SMALL MODULAR NUCLEAR REACTORS

13 February 2025

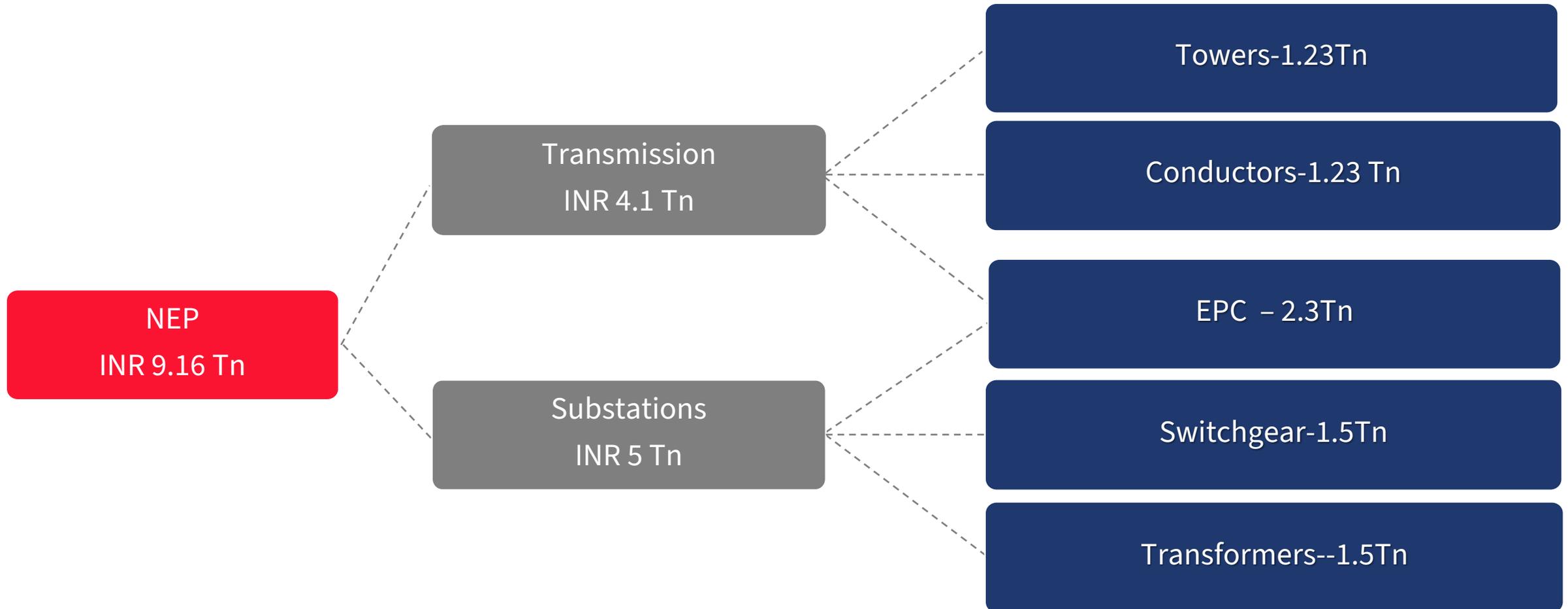
Nikita Yadav

BBC News, Delhi

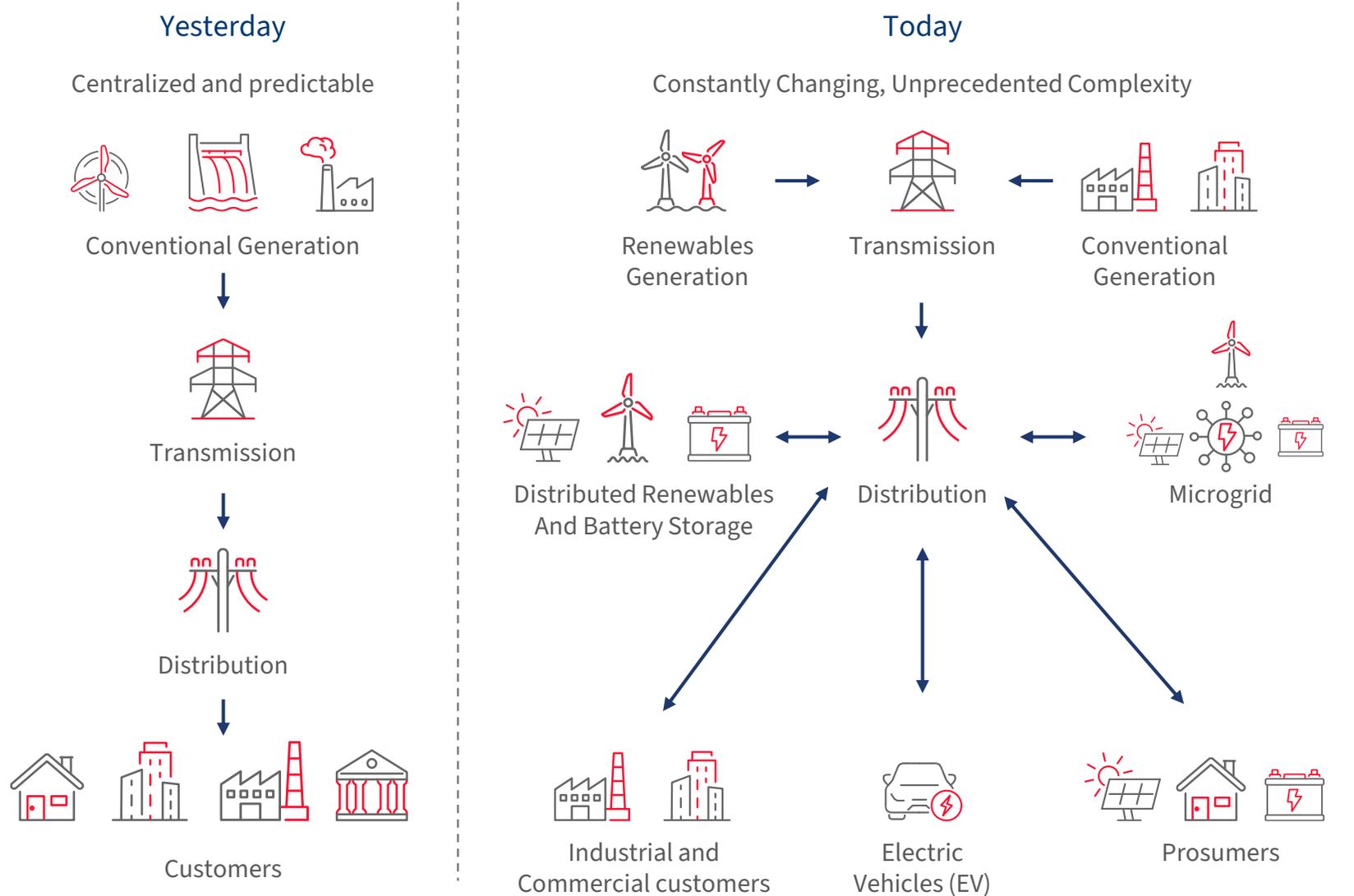
India and France have signed a letter of intent to develop modular nuclear reactors

Transmission And Distribution Segment Is Poised For A Boost

National Electricity Plan (NEP) Capex Target Till FY32 (Estimated Break-up In INR Tn)



Modern, Intelligent, And Expanded Grids: Cornerstones Of Energy Transition



Opportunities In T&D Industry

HVDC Networks: Long Distance & Cross Broder Transmission

Statcom For Voltage Regulation: Renewable Power Absorption

Green Energy Corridors: For Renewable Power Transmission

Grid Digitalization & Utility Asset Management

Cyber Security Enhancement For Secure T&D Grids

Grid Renovation, Modernization & Upgrades

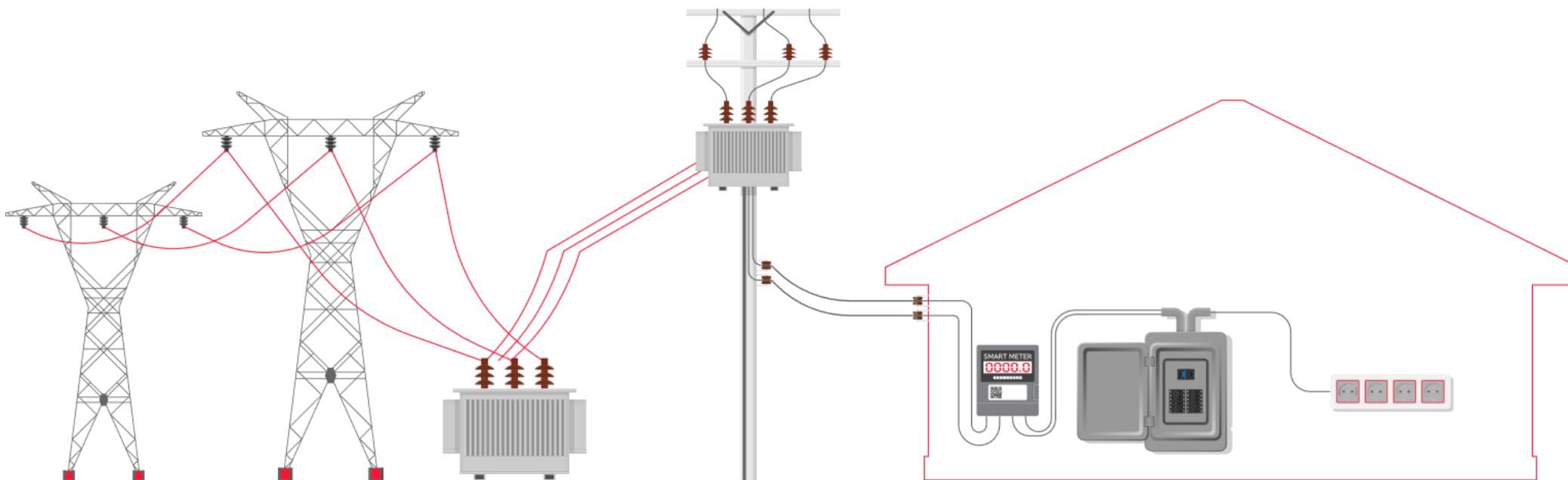
Monitoring & Diagnostics

Prior Push On Transmission Infra Would Be Needed

Transmission System Type/ Voltage Class	Unit	FY22	FY27E	FY32E	Total Addition
Transmission Lines	CKm	456,716	571,403	648,190	191,474
Transformation Capacity	MVA	1,070,950	1,847,280	2,345,135	1,274,185
Total HVDC Bi Pole Link Capacity	MW	30,500	31,500	63,750	33,250

Smart Metering For Optimizing Electricity Management

Smart Meters Present A ~\$20 Bn Opportunity, With AMISP Awards Growing At 25% CAGR Over The Next In 3-4 Years.



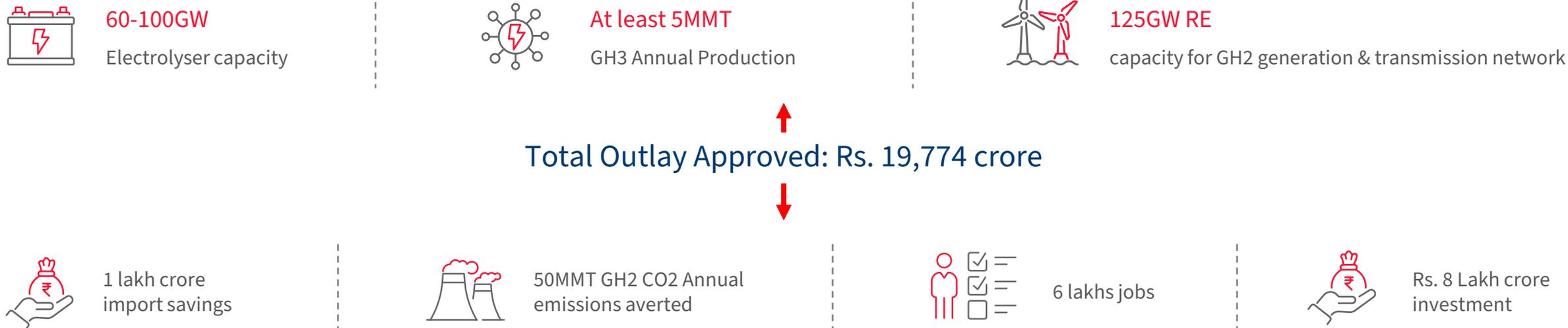
Green Hydrogen Moves Into Fast Lane

Global Initiative Towards Hydrogen Economy

~ US\$10.2t	~ 30 countries	~ 250 cities	~ US\$70b Government	~ 20 countries	~ US\$2.5t Expected	~114 countries
Expected Global Investment until 2050	Announced National Hydrogen Mission Plan	Targets for 100% Renewable energy	support to transition to hydrogen	Announced sales ban on ICE vehicles before 2035	Global Investment until 2050	Countries have or plan to set targets for cutting emission

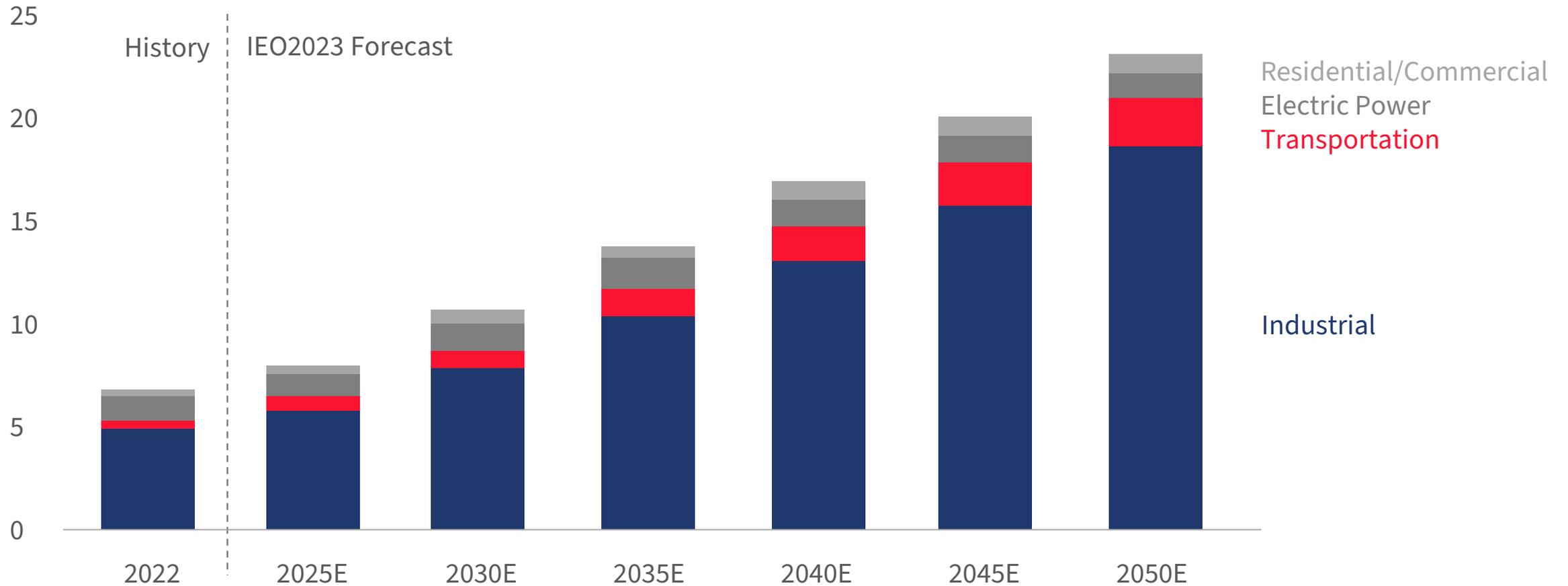
National Green Hydrogen Mission

Expected Outcomes by 2030



Natural Gas: Crucial For Meeting India's Growing Energy Needs

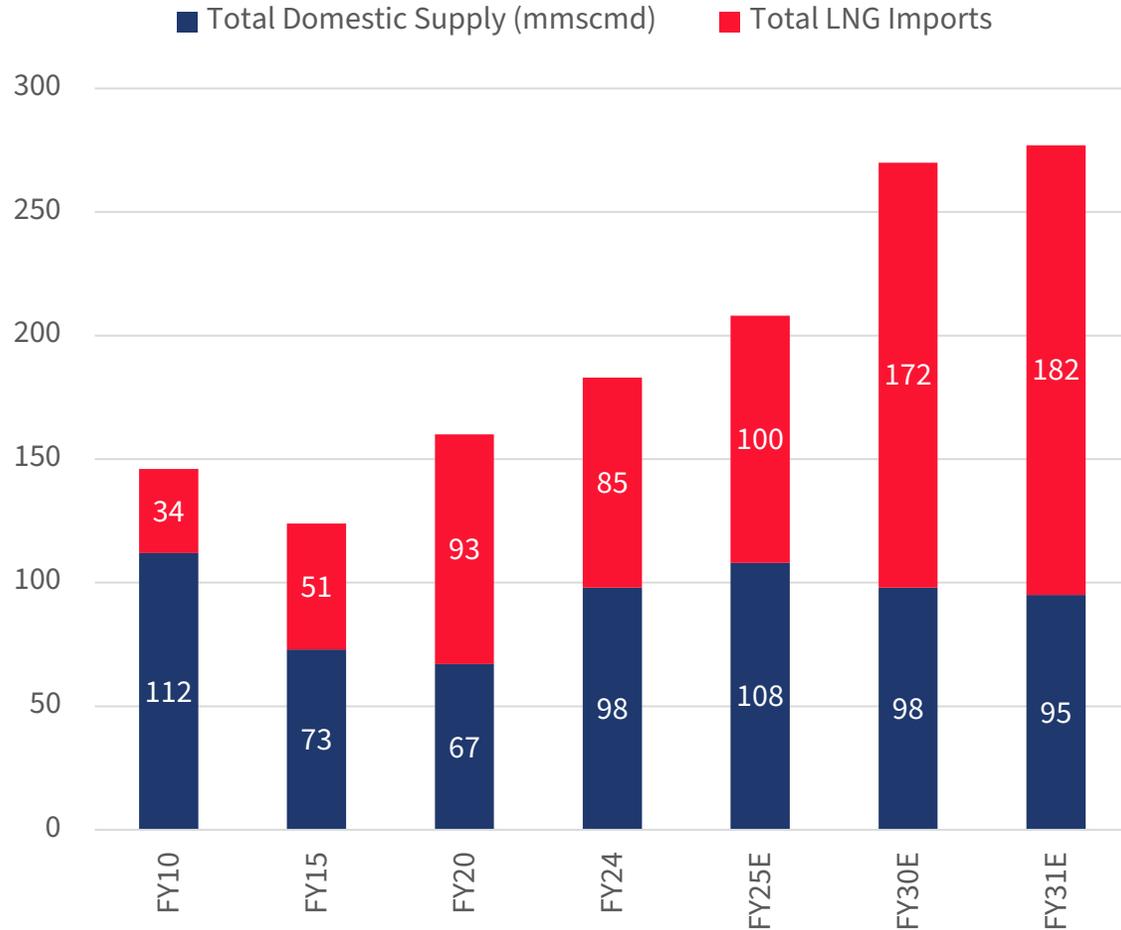
India's Natural Gas Consumption Is Set To Triple By 2050



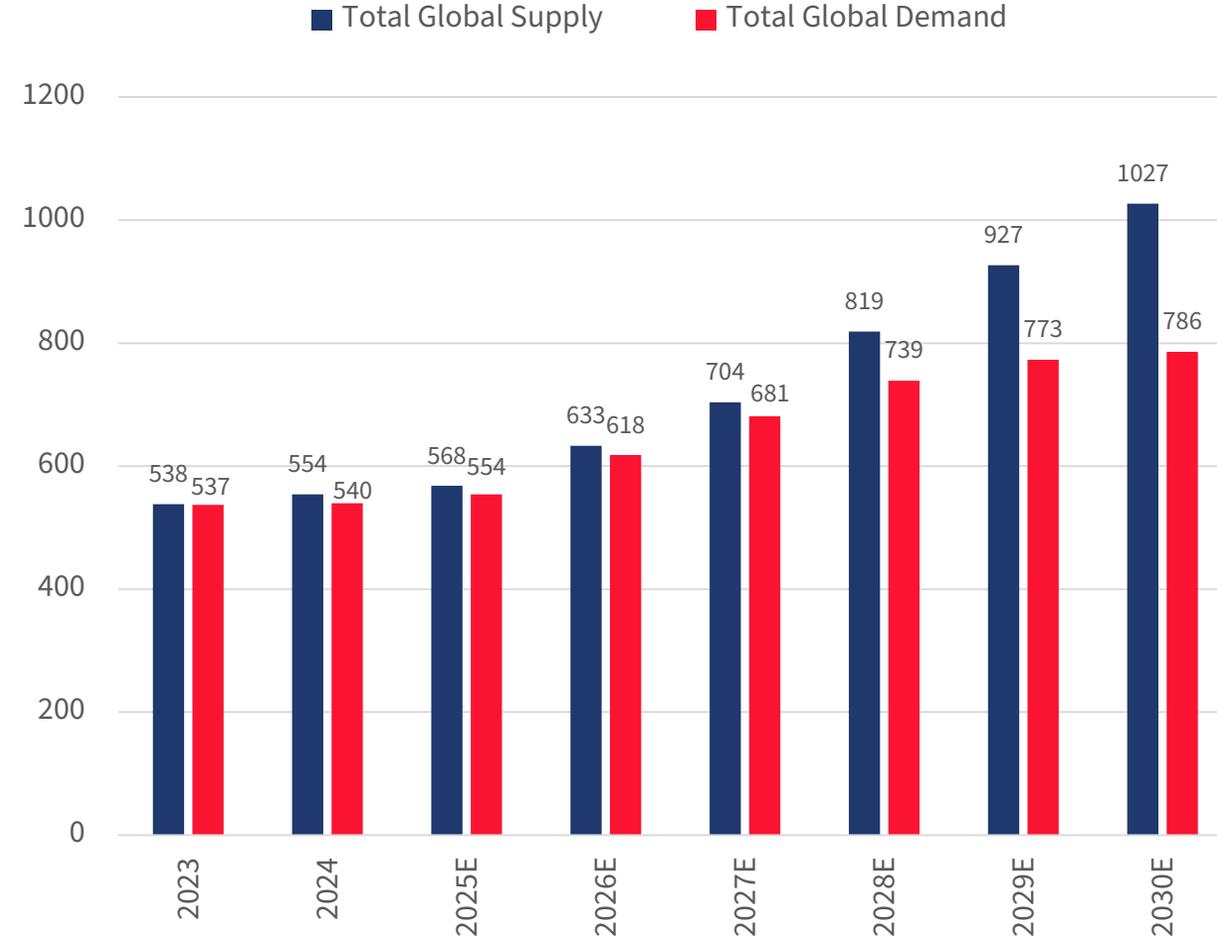
All numbers are measured in Billion Cubic feet per day

Global LNG Surplus Suits India's Energy Requirement

Gas Supply (mmscmd)



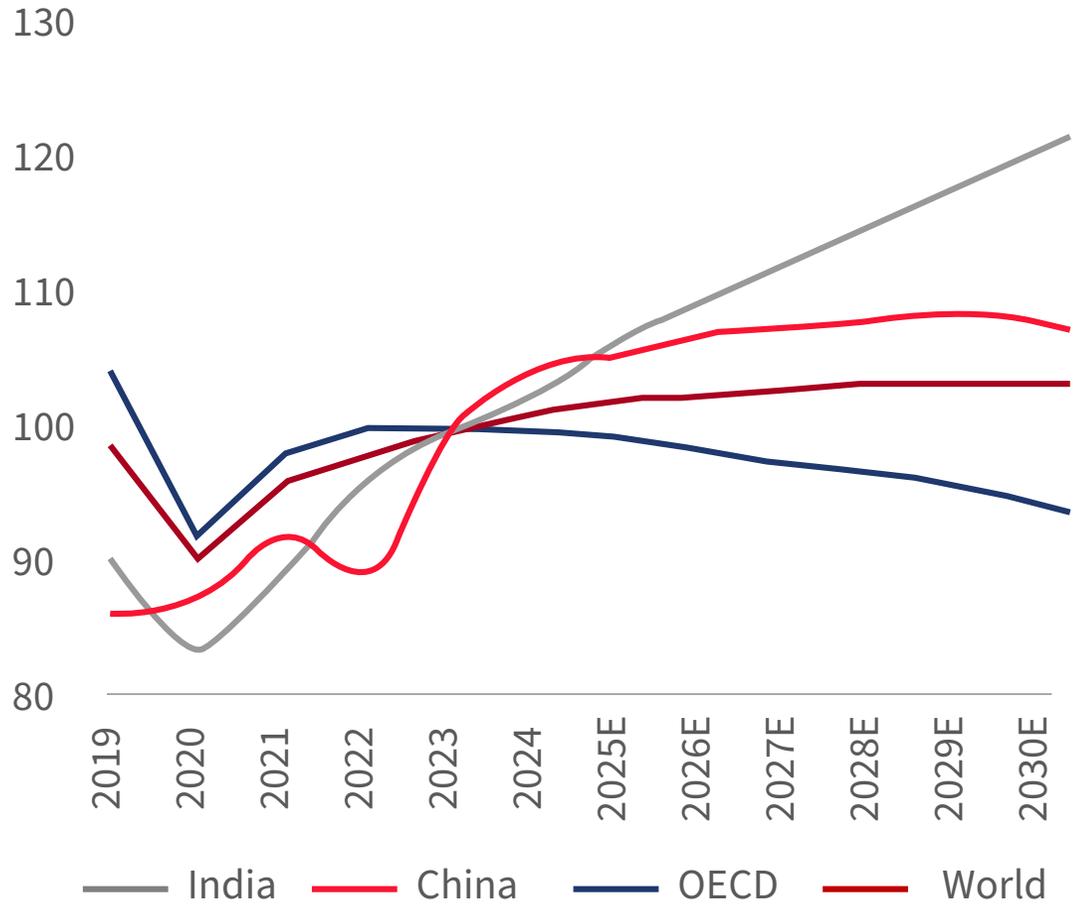
Global LNG Demand Supply Balance (Annual Bcm/y)



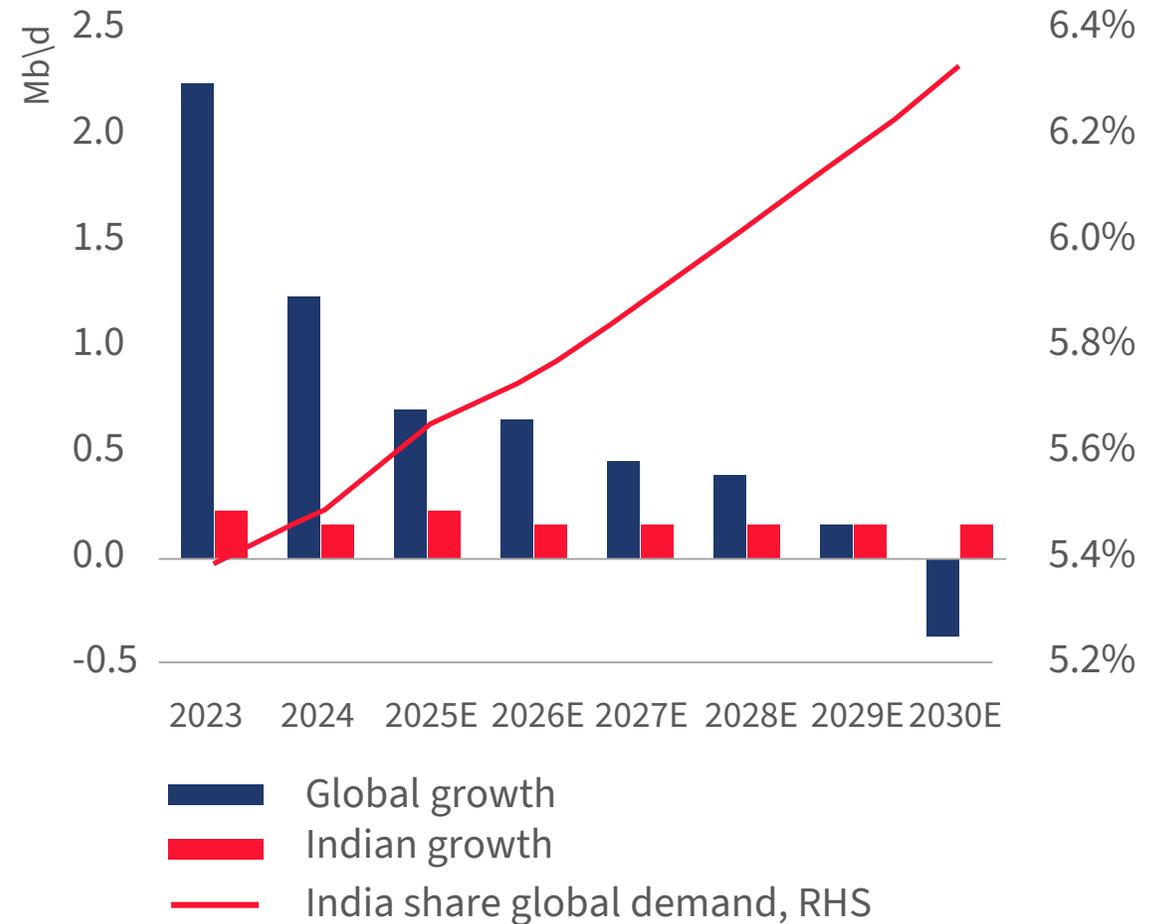
Source: Morgan Stanley report dated Jan 2025, LNG stands for Liquefied Natural Gas MMSCMD stands for Million Standard Cubic Meter Per Day, Bcm stands for billion cubic meters, MnTPA stands for million tonnes per annum

India Will Continue To See Rise In Oil Demand

Oil Demand, selected country/region, 2023 = 100

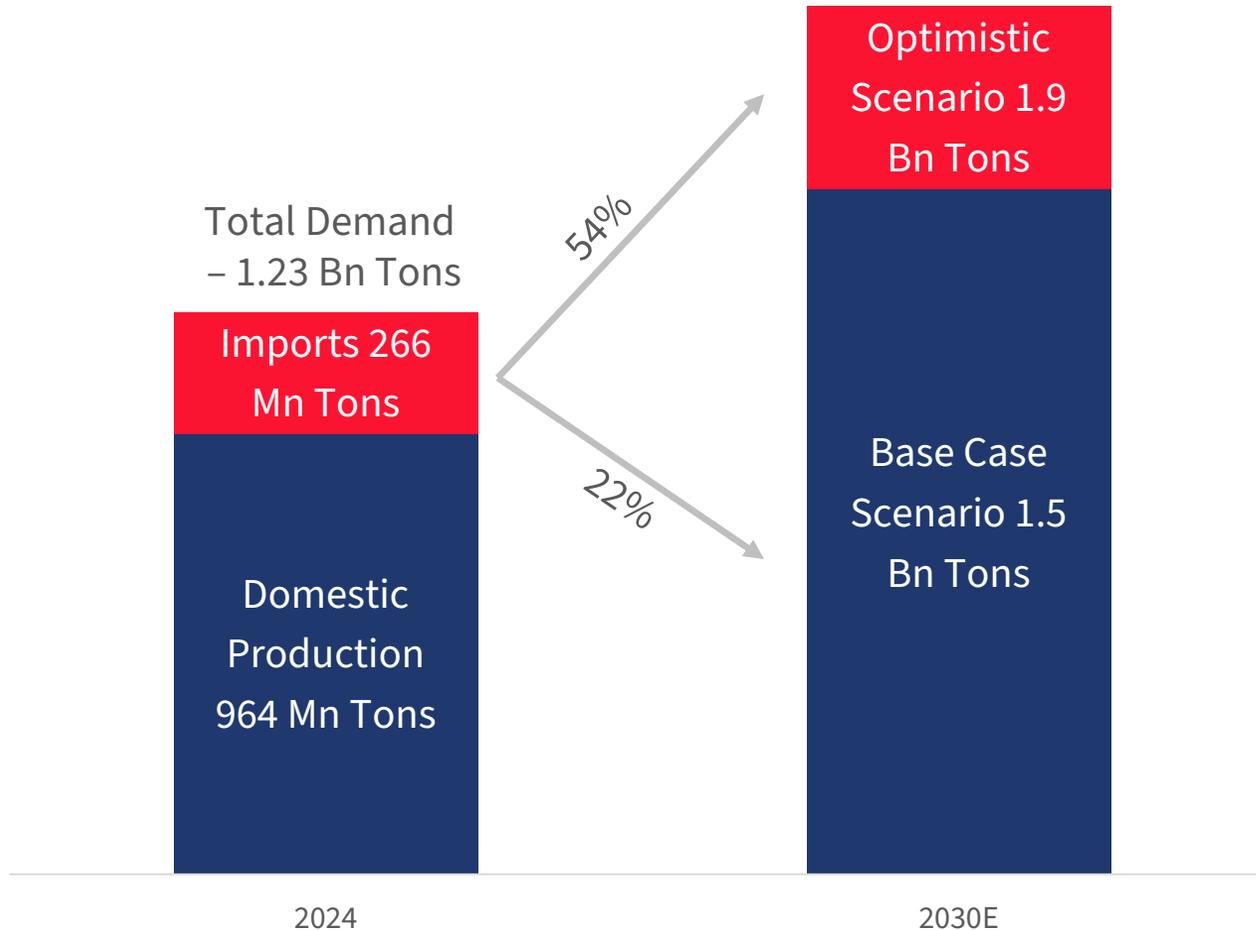


Indian Contribution To Global Growth

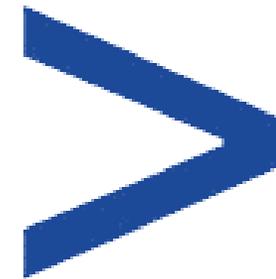


Coal Will Continue To Have Its Relevance

India's Coal Demand



India's incremental coal demand (~300 Mn Tons) in next 6 years



Total annual demand of Germany, (4th-biggest coal-consuming nation)

Policy Reforms In The Energy Sector

-  Pipeline Tariff Rationalization: Unified Tariff for natural gas pipelines with a mission of “One Nation, One Grid, and One Tariff”.
-  Gas pricing reforms – Domestic gas realization linked to crude
-  Govt oil diplomacy helped manage oil imports, despite global conflicts
-  Target to increase gas share in energy mix from 6.7% to 15%
-  Policy enabling Electricity for all (Saubhagya Scheme)
-  Solving The Coal Availability Conundrum : SHAKTI Scheme, Commercial Coal Mine Auction
-  Supporting DISCOMs, financially & Operationally: RDSS, Atmanirbhar package, LPS Scheme, DISCOM Privatization
-  Green Energy Open Access Rules, 2022 have been notified with enabling provisions for higher consumption of renewable energy



How Has The Theme Performed ?

The Nifty Energy Index is used to represent the Energy theme

Nifty Energy Index Returns Have Shown “High Resilience”

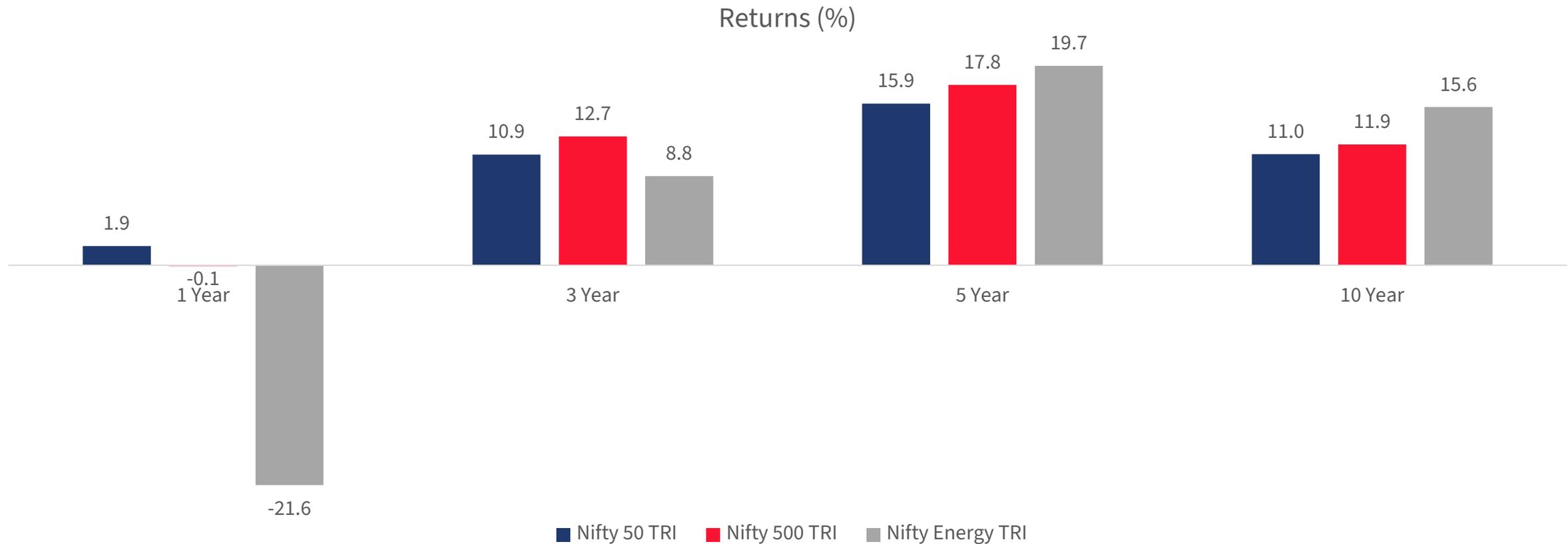
6 Of 10 Years Nifty Energy TRI Index Has Beaten Nifty 50 TRI and Nifty 500 TRI

Calendar Year	Nifty 50 TRI	Nifty 500 TRI	Nifty Energy TRI
CY2024	10%	16%	6%
CY2023	21%	27%	31%
CY2022	6%	4%	17%
CY2021	26%	32%	38%
CY2020	16%	18%	10%
CY2019	14%	9%	13%
CY2018	5%	-2%	3%
CY2017	30%	38%	42%
CY2016	4%	5%	21%
CY2015	-3%	0%	1%

Source: NSE, Inception date of Nifty Energy TRI: 1st Jul, 2005, same is used for Since Inception calculations. The performance of the index shown does not in any manner indicate the performance of the Scheme. Past performance may or may not be sustained in future. Kotak Mahindra Asset Management Company Limited (“KMAMC”) is not guaranteeing or promising, or forecasting any returns.

Nifty Energy Index Has Outperformed Broad Based Indices On 5Y, 10 Year Period

Recent Underperformance Provides A Potential Opportunity



Data as on 28th Feb, 2025

Source: MFI, NSE. The performance of the index shown does not in any manner indicate the performance of the Scheme. Past performance may or may not be sustained in future. Kotak Mahindra Asset Management Company Limited ("KMAMC") is not guaranteeing or promising, or forecasting any returns.

Key Changes In Nifty Energy Index (w.e.f. 31st Dec 2024)

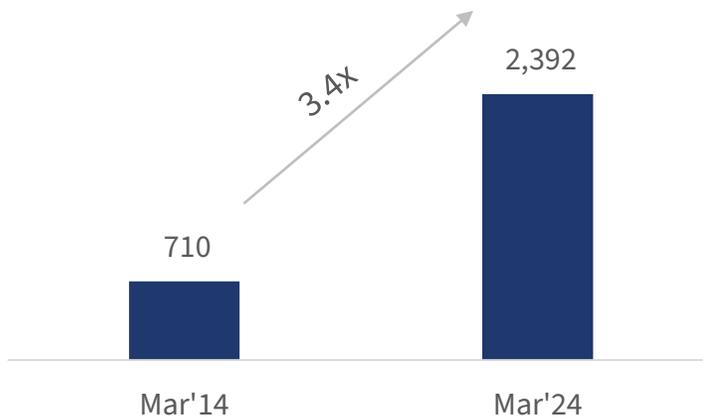
Parameters	Nifty Energy Index (Old)	Nifty Energy Index (New)
Universe		Nifty 500 Index
Eligible stocks	Eligible 10 basic industries	Eligible 17 basic industries
Selection Criteria	Top 10 stocks	Top 40 stocks
No. of stocks	Maximum of 10 stocks	Maximum of 40 stocks
Index Weighing methodology		Free Float Market Capitalization
Industry cap	-	25%
Stock cap limit	Stock Cap - 33%	10%
	Top 3 stocks - 62%	

Profit Pool Within Energy Theme Has Grown Over The Years

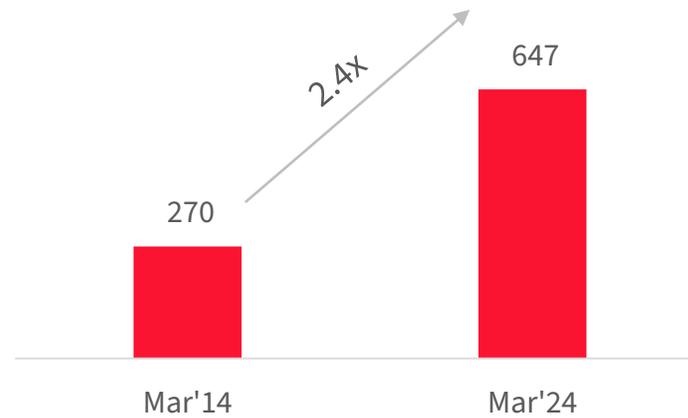
Energy Theme Profit Pool (INR Bn)



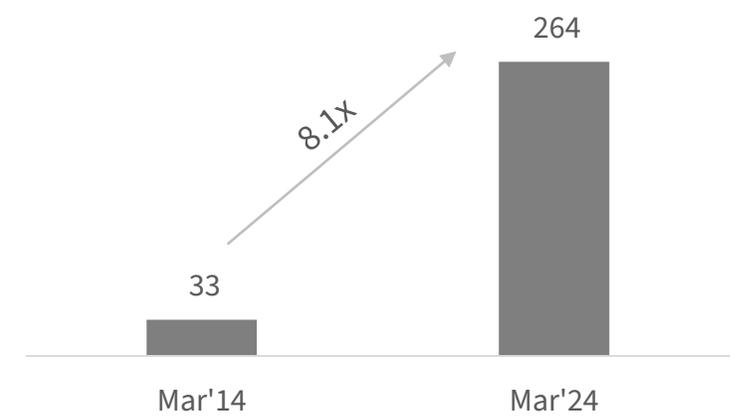
Oil & Gas Sector Profit Pool (INR Bn)



Power Sector Profit Pool (INR Bn)



Capital Goods & Ancillary Sectors Profit Pool (INR Bn)



Source: Bloomberg, For the energy theme profit pool calculation, the profits of companies in the Oil & Gas, Power, Capital Goods, and Ancillary sectors are totalled for the specified period. For profit calculation in the Oil & Gas, Power, Capital Goods, and Ancillary sectors, the profits of companies within each sector are summed up for the mentioned period. "The stock(s)/sector(s) mentioned in this slide do not constitute any recommendation and Kotak Mahindra Mutual Fund may or may not have any future position in these stock(s)/sector(s). Kotak Mahindra Asset Management Company Limited (KAMAMC) is not guaranteeing or promising any returns/futuristic returns. Past performance may or may not be sustained in future.



Introducing



Kotak Energy Opportunities Fund

Selecting The Right Energy Mix

Energy Universe

Oil, Gas & Consumable Fuels

27 Stocks

~ USD 292 bn M'cap

Power

28 Stocks

~ USD 171 bn M'cap

Capital Goods

52 Stocks

~ USD 116 bn M'cap

Other Ancillary

64 Stocks

~ USD 77 bn M'cap

Investment Universe

Suitable Top Ideas to be selected by in-house research from Kotak's coverage

Flexi-Market Cap

Flexibility to buy across all market cap segments

Bottom-Up Stock Selection

Identify Companies with BMV approach from a selected sector

GARP

Selection of Companies showing Growth At Reasonable Price

Why To Invest In Energy Theme ?



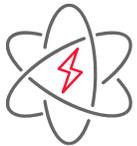
Long Term Growth

Participation in Growth Potential of the Energy & Associated Industries



Innovation

Focused on advancing technology and clean energy solutions



Sustainability

Investment opportunities in climate change and green energy initiatives



Policy Reforms

Capitalizing on unique market situations like policy reforms

Nifty Energy Index Constituents

Oil, Gas & Consumable Fuels - 53.12%

Security Name	Weightage (%)
Reliance Industries Ltd.	11.67
Oil & Natural Gas Corporation Ltd.	10.16
Coal India Ltd.	9.74
GAIL (India) Ltd.	4.9
Petronet LNG Ltd.	2.47
Oil India Ltd.	2.17
Bharat Petroleum Corporation Ltd.	1.85
Adani Total Gas Ltd.	1.79
Indian Oil Corporation Ltd.	1.71
Indraprastha Gas Ltd.	1.54
Hindustan Petroleum Corporation Ltd.	1.13
Aegis Logistics Ltd.	1.11
Gujarat State Petronet Ltd.	0.91
Mahanagar Gas Ltd.	0.82
Gujarat Gas Ltd.	0.74
Castrol India Ltd.	0.41

Power - 25.11%

NTPC Ltd.	7.37
Power Grid Corporation Of India Ltd.	5.68
Tata Power Co. Ltd.	2.86
Adani Power Ltd.	1.88
JSW Energy Ltd.	1.24
Torrent Power Ltd.	1.2
Adani Green Energy Ltd.	1.18
Adani Energy Solutions Ltd.	1.18
NHPC Ltd.	1.15
CESC Ltd.	0.41
Nlc India Ltd.	0.34
Jaiprakash Power Ventures Ltd.	0.32
SJVN Ltd.	0.30

Capital Goods - 21.77%

Suzlon Energy Ltd.	5.29
Siemens Ltd.	3.67
CG Power And Industrial Solutions Ltd.	3.29
ABB India Ltd.	2.32
Bharat Heavy Electricals Ltd.	2.07
GE Vernova T&D India Ltd.	1.23
Thermax Ltd.	1.13
Hitachi Energy India Ltd.	1.06
Inox Wind Ltd.	0.90
Triveni Turbine Ltd.	0.49
Schneider Electric Infrastructure Ltd.	0.32



Mr. Harsha Upadhyaya- Fund Manager CIO –Equity and Debt

Business Experience:

- Mr. Harsha has more than two decades of rich experience spread over Equity Research and Fund Management.
- He has been working with Kotak Mutual Fund as an Fund Manager for 12+ Years.



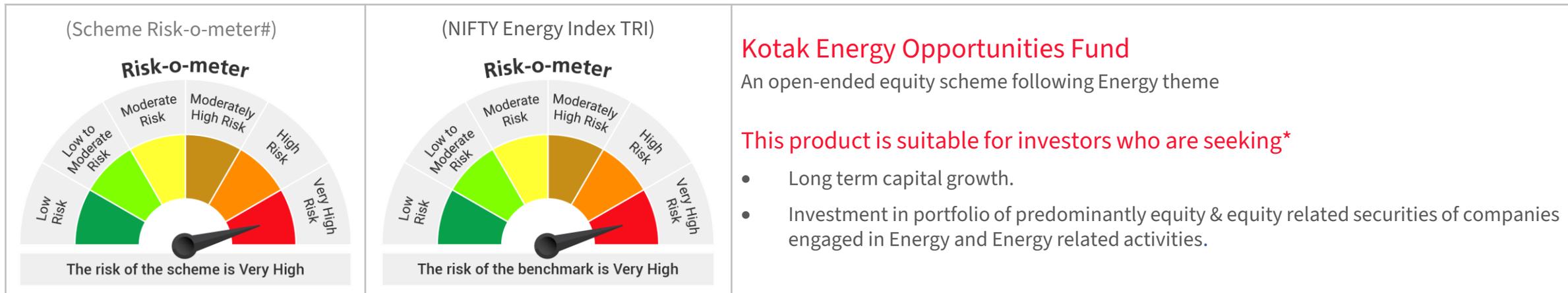
Mr. Mandar Pawar- Co-Fund Manager

Business Experience:

- Mr. Mandar has an overall industry experience of 19 years
- He has been working with Kotak Mutual Fund as an analyst for 16+ years.

Product Details

Feature	Description
Name of Scheme	Kotak Energy Opportunities Fund
Type of Scheme	An open-ended equity scheme following Energy theme
Benchmark Index	Benchmark- NIFTY Energy Index TRI
Investment Objective	The Investment objective of the scheme is to generate long-term capital appreciation from a portfolio that is invested predominantly in equity and equity related securities of companies engaged In Energy and Energy related activities. However, there is no assurance that the objective of the scheme will be achieved.
Fund Manager (s)	Mr. Harsha Upadhyaya and Mr. Mandar Pawar will be co- managers for Equity and Overseas investment of the Scheme. Mr. Abhishek Bisen will be the Fund Manager for debt investment of the Scheme.
Exit Load	<ul style="list-style-type: none">▪ For redemption / switch out of upto 10% of the initial investment amount (limit) purchased or switched in within 1 year from the date of allotment: Nil.▪ If units redeemed or switched out are in excess of the limit within 1 year from the date of allotment: 1%▪ If units are redeemed or switched out on or after 1 year from the date of allotment: NIL
Minimum Purchase Amount	Initial Purchase (Non SIP): Rs. 100/- and any amount thereafter Additional Purchase (Non SIP): Rs. 100/- and any amount thereafter SIP Purchase: Rs. 100/- and any amount thereafter



*Investors should consult their financial advisers if in doubt about whether the product is suitable for them.

(The product labelling assigned during the New Fund Offer is based on internal assessment of the Scheme Characteristics or model portfolio and the same may vary post NFO when actual investments are made)

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The document includes statements/opinions which contain words or phrases such as "will", "believe", "expect" and similar expressions or variations of such expressions, that are forward looking statements. Actual results may differ materially from those suggested by the forward looking statements due to risk or uncertainties associated with the statements mentioned with respect to but not limited to exposure to market risks, general and exposure to market risks, general economic and political conditions in India and other countries globally, which have an impact on the services and/or investments, the monetary and interest policies of India, inflation, deflation, unanticipated turbulence in interest rates, foreign exchange rates, equity prices or other rates or prices etc.

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MUTUAL FUND INVESTMENTS ARE SUBJECT TO MARKET RISKS, READ ALL SCHEME RELATED DOCUMENTS CAREFULLY.

Thank You