



Power Supply Position

26th May'24

	May' 23	May' 24		May' 23	May' 24
Energy Met (MU)	4,294	4,979	Max Demand (MW)	196,387	222,114
Energy Shortage (MU)	1.92	1.16	Solar Hour Peak (MW)	196,387	217,981
Generation Outage (MW)	55,593	44,295	Evening Peak (MW)	188,380	207,031
Frequency (49.9-50.05)	66.77%	79.69%	Peak Shortage (MW)	171	0

Non Fossil Generation (MU) % Total Generation 23'-29.91% 24'-28.51%

Hydro	Solar	Wind	Nuclear	Others
May' 23 464	May' 23 328	May' 23 454	May' 23 114	May' 23 30
May' 24 484	May' 24 370	May' 24 516	May' 24 133	May' 24 33

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan	Nepal	Bangladesh	Godda – Bangladesh	Myanmar
8.00	-3.70	-22.30	-31.10	0.00

Source: Grid India

*Note: Import(+ve)/Export(-ve)

Collective Transactions

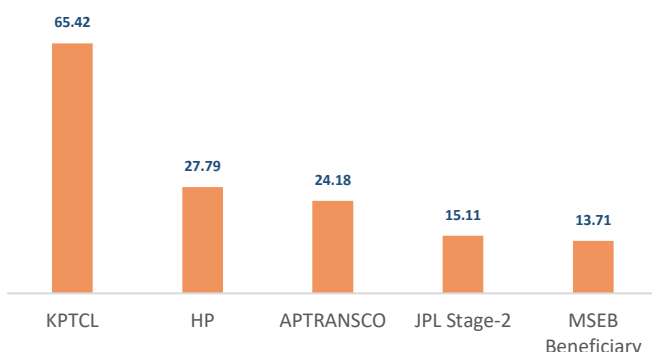
DAM

G-DAM

RTM

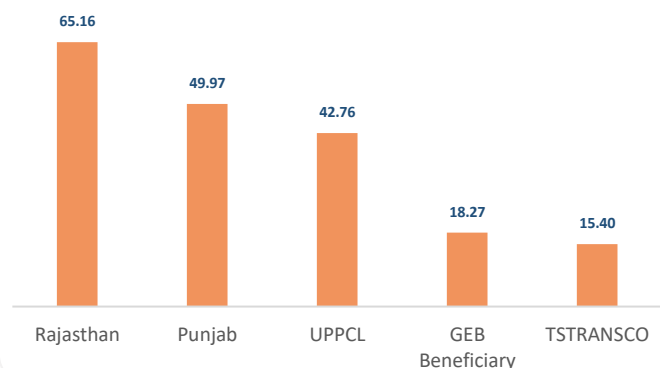
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	307.10	0	0	65.26	0	0	160.29	0	0
Sell Bid (MU)	317.75	0	0	60.77	0	0	290.42	0	0
MCV (MU)	174.39	0	0	27.08	0	0	129.14	0	0
Avg. MCP – 24' (₹/KWh)	5.46	0	0	4.61	0	0	3.35	0	0
Avg. MCP – 23' (₹/KWh)	2.89	0	0	3.98	0	0	2.53	0	0
Wt. Avg. MCP (₹/KWh)	4.90	0	0	3.72	0	0	3.00	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

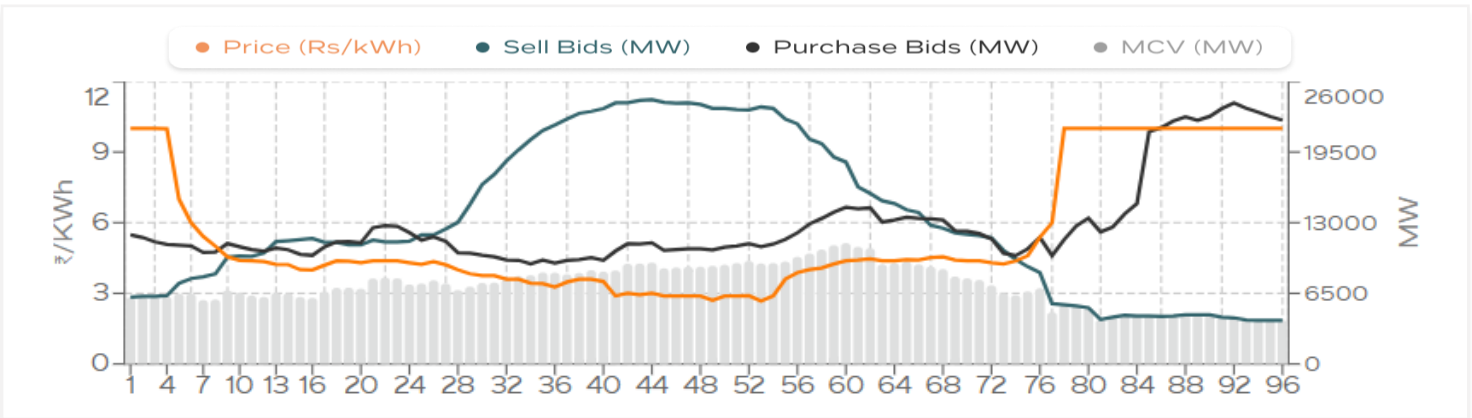
Top Buyers (MU)





Day-Ahead Market (27th May'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	24,005.7	24,334.1	11,141.4	10.00
Minimum	9,200.1	4,000.1	4,000.1	2.67
Average	12,795.92	13,239.59	7,266.32	5.46



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
UPPCL	IEX	300	01-30 Jun'24	19:00-24:00	27 th May'24
UPPCL	IEX	300	01-30 Jun'24	00:00-05:00	27 th May'24

Note: HPX, DEEP, PXIL – No Notices

Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
UPPCL	IEX	01-30 Jun'24	19:00-24:00	300	14	286	9.69-9.90
UPPCL	IEX	01-30 Jun'24	00:00-5:00	300	0	300	9.69-10.00

Note: HPX, PXIL, DEEP, IEX – No Results for today

NEWS FLASH (25th-27th May)

Tenders and Projects

GAIL's green hydrogen plant in Madhya Pradesh inaugurated

GAIL (India) Ltd has commissioned a 10 MW green hydrogen plant at Vijaipur, Madhya Pradesh, producing 4.3 TPD of 99.999% pure hydrogen ([EconomicTimes](#))

Hero Future orders Emmvee solar modules

Hero Future Energies has contracted Emmvee Photovoltaic Power to supply up to 600 MWp of solar modules over two years for its projects in India ([RenewableWatch](#))

New power grid for villages in Sanchore, Jalore

Jaipur's Jodhpur discom and energy department completed the 220kV GSS at Reodar, providing high-voltage relief to 73,000 consumers in rural Sanchore and Jalore ([TOI](#))

CSIR-CMERI introduces cost-efficient electric tiller for marginal farmers

CSIR and CMERI unveiled an electric tiller for small farmers, offering high torque, reduced operational costs, and eco-friendly farming. The tiller supports various attachments, features ergonomic design, and allows AC and Solar DC charging ([EconomicTimes](#))

Adani Solar to steer business expansion in Kerala

Adani Solar plans to expand in Kerala, partnering with Almiya Group to install a 225-MW solar plant in Purapura and streamline deliveries via a Coimbatore warehouse ([EconomicTimes](#))

TANGEDCO to implement PM-KUSUM scheme to encourage solar-powered pump sets

TANGEDCO introduces guidelines for the PM-KUSUM scheme, aiming to install solar-powered pump sets for 5,000 agriculture units in Tamil Nadu. Solar panels can be double the contracted load; meters will track solar generation and grid interaction ([TheHindu](#))

Events

India Net Zero Forum – 14th Jun '24
Transmission and Distribution Conclave - 13th Jun '24

Insights

Tata Power seeks loans for clean energy projects

Tata Power plans to raise \$1 billion for clean energy projects, potentially marking India's largest local currency loan this year. The funds will support its \$1.6 billion investment in pumped hydro storage ([EconomicTimes](#))

NTPC net profit jumps 33% amid increased demand

NTPC Ltd reported a 33% increase in Q4 FY24 consolidated net profit to Rs 6,490.05 crore, driven by higher power demand. Revenue rose 7.6% to Rs 47,622.06 crore ([EconomicTimes](#))

India sets sights on the global renewable ammonia market

India is advancing in the renewable ammonia market with significant trade agreements and aims to produce 5 million metric tons of renewable hydrogen by 2030 ([EconomicTimes](#))

Peak power demand hits season's new high

India's peak power demand surged to a season-high of 239.96 GW due to soaring temperatures, nearing the record of 243.27 GW ([BusinessStandard](#))

TNERC orders status quo on open access regulations

TNERC grants relief to MSMEs, and maintains regulations for open access to power for consumers with less than 1 MW load under the HT category, enabling direct purchase from private generators. Intra-state open access is governed by the State Electricity Regulatory Commission ([The Hindu](#))

International News

Iran to use AI to improve electricity generation

Iran's Niroo Research Institute (NRI) and Thermal Power Plant Holding (TPPH) are spearheading efforts to integrate Artificial Intelligence (AI) into the country's electricity sector to advance AI adoption, with a focus on electricity generation ([TehranTimes](#))

Reports

Indian States' Electricity Transition (SET): 2024