



Power Supply Position

22nd May'24

	May' 23	May' 24		May' 23	May' 24
Energy Met (MU)	4,735	5,168	Max Demand (MW)	220,974	235,062
Energy Shortage (MU)	15.87	5.03	Solar Hour Peak (MW)	220,974	235,062
Generation Outage (MW)	38,265	26,221	Evening Peak (MW)	204,558	220,040
Frequency (49.9-50.05)	66.25%	84.32%	Peak Shortage (MW)	766	300

Non Fossil Generation (MU) % Total Generation 23'-22.35% 24'-22.00%

Hydro

Solar

Wind

Nuclear

Others

May' 23	May' 24	May' 23	May' 24	May' 23	May' 24	May' 23	May' 24	May' 23	May' 24
423	512	335	383	238	168	113	133	35	37

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda – Bangladesh

Myanmar

3.90

-8.80

-22.60

-16.60

0.00

Source: Grid India

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

Collective Transactions

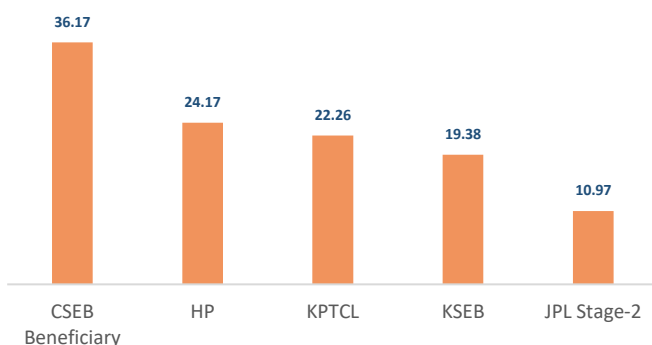
DAM

G-DAM

RTM

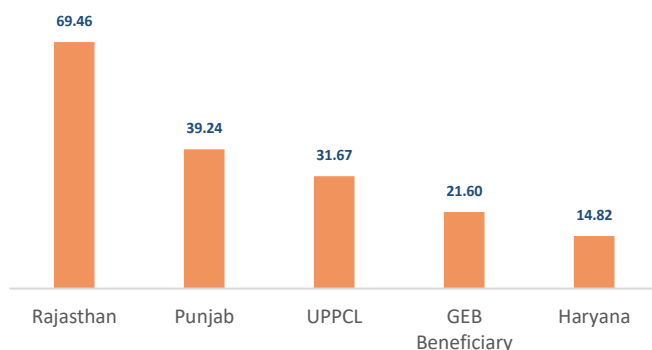
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	300.99	0	0	59.52	0	0	283.43	0	0
Sell Bid (MU)	283.08	0	0	28.44	0	0	180.89	0	0
MCV (MU)	170.77	0	0	20.88	0	0	104.40	0	0
Avg. MCP – 24' (₹/KWh)	5.81	0	0	5.79	0	0	5.61	0	0
Avg. MCP – 23' (₹/KWh)	5.02	0	0	5.68	0	0	5.45	0	0
Wt. Avg. MCP (₹/KWh)	5.25	0	0	3.98	0	0	5.03	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

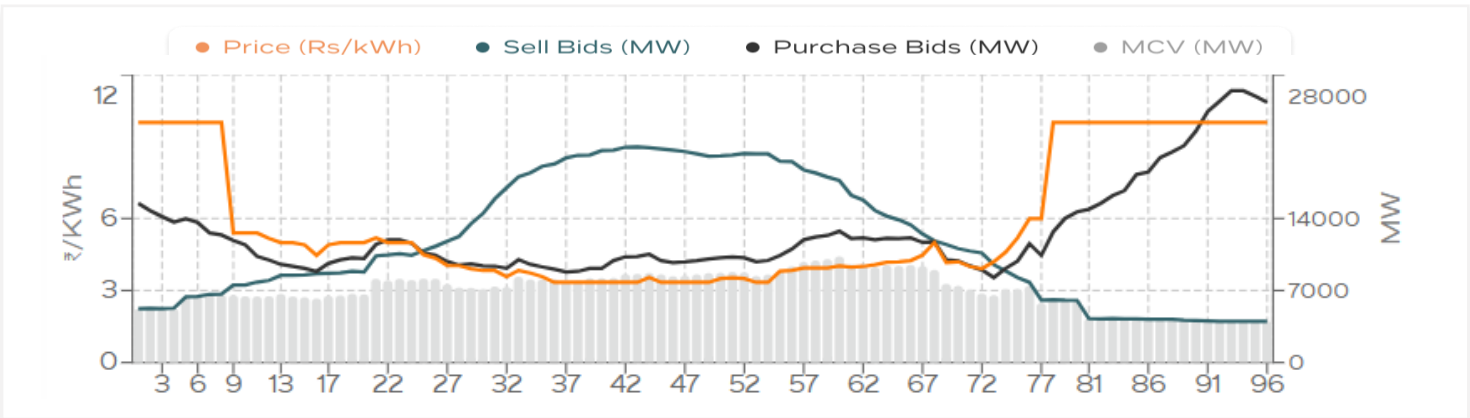
Top Buyers (MU)





Day-Ahead Market (23rd May'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	26,432.4	20,978.3	10,338.8	10.00
Minimum	8,264.9	3,994.2	3,994.19	3.34
Average	12,541.58	11,795.25	7,115.43	5.81



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
TGDCL	HPX	300	01-30 Jun'24	00:00-02:00	22 nd May'24
TGDCL	HPX	300	01-30 Jun'24	18:00-24:00	22 nd May'24
TGDCL	PXIL	300	01-30 Jun'24	18:00-24:00	22 nd May'24
TGDCL	PXIL	300	01-30 Jun'24	00:00-02:00	22 nd May'24

Note: IEX, DEEP— No Notices

Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
APDCL	IEX	16-31 Jul'24	18:00-24:00	100	25	75	9.75
APDCL	IEX	16-31 Jul'24	00:00-03:00	100	35	65	9.75
APDCL	IEX	01-30 Jun'24	18:00-24:00	100	100	0	NA

Note: HPX, PXIL, DEEP— No Results

NEWS FLASH

Tenders and Projects

Suzlon bags 402-MW turbine deal from Juniper Green

Suzlon Energy Ltd will supply 134 units of its 3-MW S144-140m turbines to Juniper Green Energy for a 402 MW wind project in Rajasthan, including installation, commissioning, and comprehensive O&M services ([EconomicTimes](#))

Rajasthan's renewable energy tariff dispute

The commission dismissed RVUN's petition to adopt a ₹2.64/kWh tariff for a new 900 MW solar project, ruling that a transparent competitive bidding process was essential ([SolarQuarter](#))

Soleos Solar Energy secures Rs 48.5 crore funding

Soleos Solar Energy secured Rs 48.5 crore for working capital, renewable portfolio development, and global expansion, with Rs 450 crore in orders for 140 MW projects ([EconomicTimes](#))

Navigating contractual and regulatory disputes presents significant challenges in Gujarat

Solar companies in Gujarat dispute regulatory bodies and utilities over policy non-compliance and delays, seeking compensation for financial losses and operational setbacks ([SolarQuarter](#))

Motovolt Mobility partners with FuturElectra to deploy 2,000 electric scooters in India

Motovolt Mobility and FuturElectra are launching 2,000 M7 electric scooters in India, enhancing sustainable urban mobility and last-mile deliveries with advanced features and a 166 km range ([EconomicTimes](#))

Events

Windergy India 2024- 23rd Oct '24

Transmission and Distribution Conclave - 13th Jun '24

Insights

India Leads in Solar Energy, Targets 500 GW by 2030

India ranks 4th globally in solar power, with 81.81 GW installed, making up 63.4% of its renewable energy. The nation aims for 500 GW by 2030, driven by strong government supports ([ConstructionWorld](#))

India looks to harness 10 GW of geothermal power by 2030

India targets harnessing 10 GW of geothermal energy by 2030 through global collaboration, aiming for sustainable energy solutions in remote areas to meet renewable energy goals set for 2022 and 2030 ([Mint](#))

Ramesh Babu V. Sworn in as a Member of the Central Electricity Regulatory Commission

Shri Ramesh Babu V. was sworn in as a Member of CERC by Union Minister R. K. Singh, bringing extensive experience from NTPC ([SolarQuarter](#))

International News

Uzbekistan to get Central Asia's first renewable energy facility with utility-scale battery storage

World Bank, Masdar, and Uzbekistan fund a 250 MW solar plant with a 63 MW battery system, aiming to provide clean energy to 75,000 households while cutting 327,000 tons of CO2 emissions annually in Uzbekistan's Bukhara region ([ETN](#))

Reports

Integrating Renewables in the Indian Power System