



Power Supply Position

28th May'24

	May' 23	May' 24		May' 23	May' 24
Energy Met (MU)	4,218	5,259	Max Demand (MW)	190,900	237,946
Energy Shortage (MU)	11.66	3.40	Solar Hour Peak (MW)	188,306	237,946
Generation Outage (MW)	56,608	36,834	Evening Peak (MW)	178,666	226,187
Frequency (49.9-50.05)	65.52%	76.31%	Peak Shortage (MW)	455	308

Non Fossil Generation (MU) % Total Generation 23'-24.97% 24'-29.94%

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
433	511	274	397	283	619	114	133	30	32

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda – Bangladesh

Myanmar

9.50

3.90

-14.00

-15.10

0.00

Source: Grid India

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

Collective Transactions

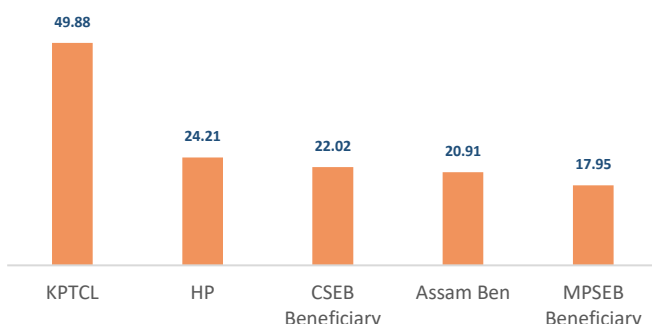
DAM

G-DAM

RTM

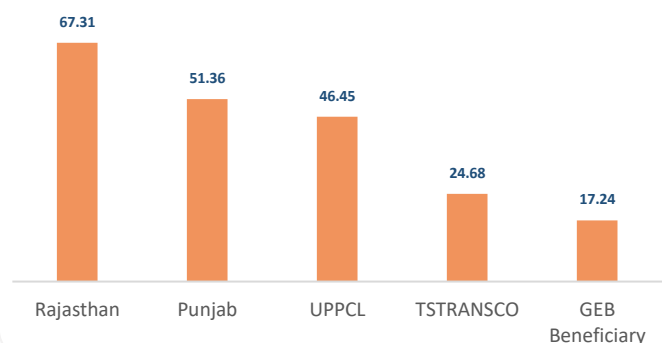
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	276.55	0	0	65.85	0	0	197.16	0	0
Sell Bid (MU)	326.43	0	0	46.95	0	0	282.41	0	0
MCV (MU)	177.14	0	0	28.56	0	0	148.62	0	0
Avg. MCP – 24' (₹/KWh)	4.83	0	0	5.03	0	0	4.35	0	0
Avg. MCP – 23' (₹/KWh)	5.57	0	0	5.78	0	0	4.60	0	0
Wt. Avg. MCP (₹/KWh)	4.42	0	0	3.63	0	0	4.19	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

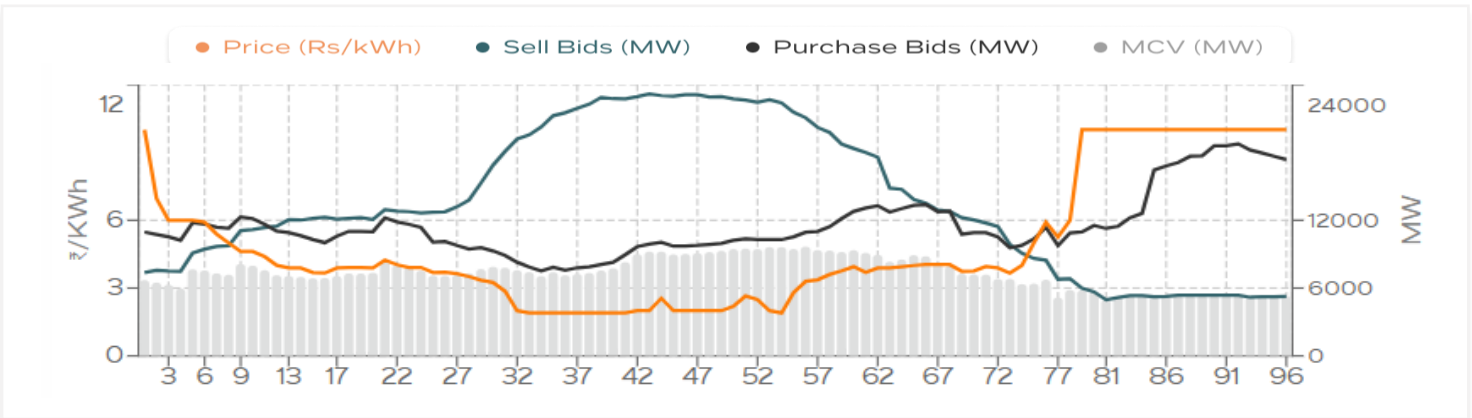
Top Buyers (MU)





Day-Ahead Market (29th May'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	18,752.4	23,161.5	9,662	10.00
Minimum	7,522.8	4,955.5	4,955.5	1.89
Average	11,523.05	13,601.46	7,381.01	4.83



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
UPPCL	IEX	500	01-30 Jun'24	19:00-24:00	28 th May'24
UPPCL	IEX	500	01-30 Jun'24	00:00-05:00	28 th May'24

Note: HPX, PXIL, DEEP— 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	175	125	9.97
UPPCL	IEX	01-30 Jun'24	00:00-05:00	300	225	75	9.97
UPPCL	HPX	01-30 Jun'24	00:00-05:00	500	415	85	9.95
UPPCL	HPX	01-30 Jun'24	19:00-24:00	500	415	85	9.95
UPPCL	PXIL	01-30 Jun'24	19:00-24:00	300	175	125	9.97
UPPCL	PXIL	01-30 Jun'24	00:00-05:00	300	150	150	9.96
APDCL	DEEP	01-31 Jul'24	00:00-24:00	100	0	100	5.97
APDCL	DEEP	01-31 Aug'24	00:00-24:00	100	0	100	5.29
APDCL	DEEP	01-30 Sep'24	00:00-24:00	100	0	100	6.10
NPCL	DEEP	01 Jul'24-31 Mar'26	00:00-24:00	50	10	40	5.99-6.30



NEWS FLASH

Tenders and Projects

NTPC gives first green hydrogen microgrid project to Simhadri plant

Engineers India (EIL) seeks renewable energy developers to supply 6 million units of power annually in Gurugram and New Delhi, with a possible 10% adjustment based on yearly reviews ([Mercom](#))

Telangana solar program hindered by DCR policy, Discom officials' attitude

The DCR policy is hindering Telangana's rooftop solar program by increasing costs, causing delays, and discouraging adoption. Despite subsidies, high installation costs and Discom officials' slow approvals are major obstacles ([TelanganaToday](#))

Adani's green project with IHI, Kowa

Adani Power, in collaboration with Japan's IHI Corporation and Kowa Company, is likely to commission its green power project in 2025, according to Japanese Ambassador Hiroshi Suzuki ([TOI](#))

India's Adani Energy Solutions plans to raise \$1.5bn for expansion

Adani Energy Solutions (AESL) plans to raise Rs125bn (\$1.50bn) through equity shares, pending approvals at the AGM on June 25, 2024. The funds will support AESL's goal of establishing 30,000 ckm of transmission lines by 2030 ([PowerTechnology](#))

Events

India Net Zero Forum – 14th Jun '24
Energy Leadership Summit- 25th Sep '24

Insights

PGCIL commissions a project that'll allow Reliance's Jamnagar oil refinery to meet its RPO

Power Grid Corporation of India (PGCIL) has commissioned the transmission project connecting Reliance's Jamnagar oil refinery to Jam Khambaliya ISTS pooling station, effective from May 5, 2024 ([PSUWatch](#))

Engie to double renewable energy capacity in India to 2.2 GW by 2025

Engie plans to double its renewable energy capacity in India to 2.2 GW by 2025, investing around \$870 million. The company is currently constructing 4 new projects, including a 400 MW solar project in Gujarat ([BusinessLine](#))

As India faces record power demand, shift toward sustainable energy gains momentum

The government's strategy includes significant advancements in grid-scale Energy Storage Systems (ESS) and firm and dispatchable renewable energy (FDRE) solutions, which are crucial for managing the variability of solar and wind energy. ([EconomicTimes](#))

International News

Petra Diamonds secures long-term renewable energy agreements with Etana Energy

Petra Diamonds has partnered with Etana Energy to source 36%-72% renewable energy for its Cullinan and Finsch Mines from FY2026, reducing GHG emissions and cutting energy costs. ([SolarQuarter](#))

Reports

Powering India's Energy Vision 2030