



Power Supply Position

12th June'24

	Jun' 23	Jun' 24
Energy Met (MU)	4,817	5,161
Energy Shortage (MU)	7.52	3.19
Generation Outage (MW)	40,314	32,600
Frequency (49.9-50.05)	65.34%	86.24%

	Jun' 23	Jun' 24
Max Demand (MW)	218,673	233,391
Solar Hour Peak (MW)	218,673	233,391
Evening Peak (MW)	206,443	218,386
Peak Shortage (MW)	385	247

Non Fossil Generation (MU)

% Total Generation
23'-27.01% 24'-25.40%

Hydro
Solar
Wind
Nuclear
Others

Jun' 23	Jun' 24
484	468

Jun' 23	Jun' 24
326	360

Jun' 23	Jun' 24
450	411

Jun' 23	Jun' 24
106	141

Jun' 23	Jun' 24
40	36

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan
6.30
Nepal
1.00
Bangladesh
-23.70
Godha – Bangladesh
-33.30
Myanmar
0.00

Source: Grid India

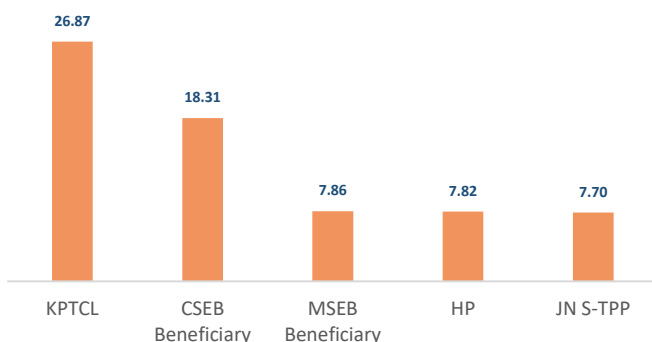
*Note: Import(+ve)/Export(-ve)

Collective Transactions

DAM
G-DAM
RTM

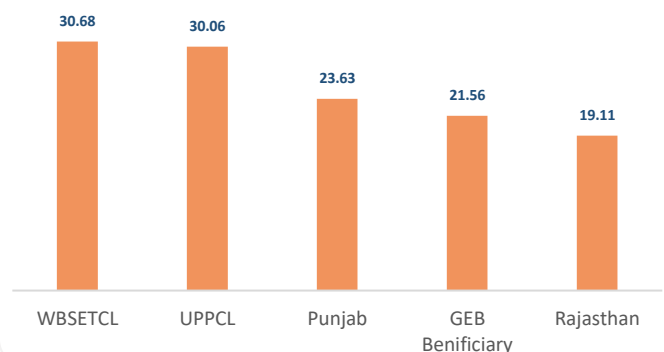
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	302.64	0	0	70.07	0	0	138.46	0	0
Sell Bid (MU)	314.83	0	0	44.68	0	0	135.48	0	0
MCV (MU)	167.01	0	0	20.78	0	0	80.49	0	0
Avg. MCP – 24' (₹/KWh)	5.23	0	0	5.20	0	0	5.24	0	0
Avg. MCP – 23' (₹/KWh)	5.48	0	0	5.96	0	0	4.76	0	0
Wt. Avg. MCP (₹/KWh)	4.63	0	0	3.97	0	0	5.61	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

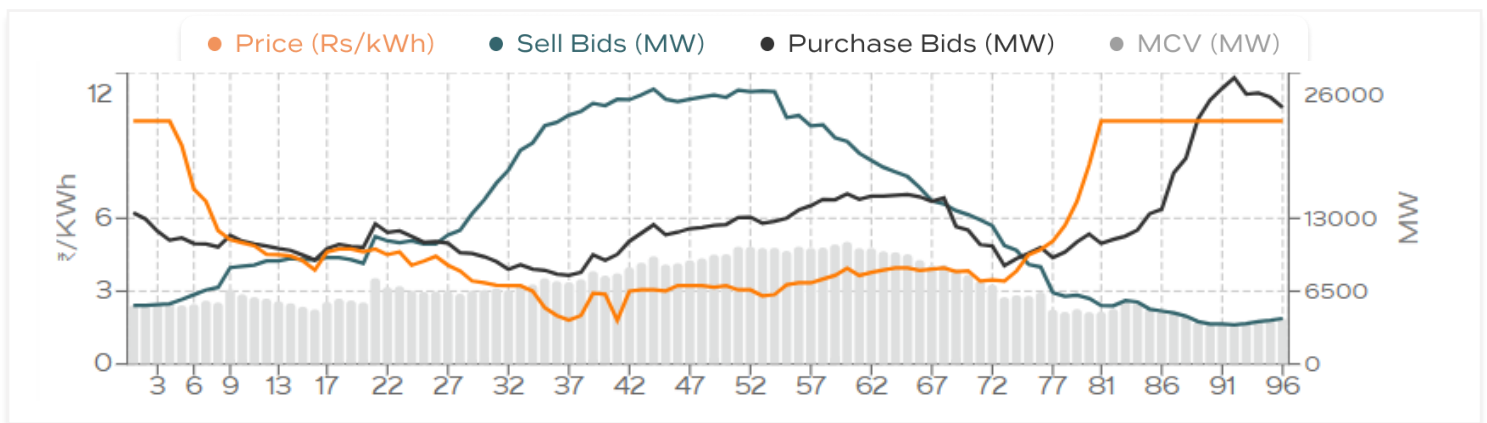
Top Buyers (MU)





Day-Ahead Market (13th Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	25,547.5	24,526.1	10,894.1	10.00
Minimum	7,909.2	3,498.8	3,470.58	1.79
Average	12,610.16	13,118.09	6,958.74	5.23



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
NPCL	HPX	50	18-30 Jun'24	00:00-24:00	7 th Jun'24
NPCL	HPX	50	01-15 Jul'24	00:00-24:00	7 th Jun'24
NPCL	HPX	50	16-31 Jul'24	00:00-24:00	7 th Jun'24
NPCL	HPX	125	01-31 Aug'24	00:00-24:00	7 th Jun'24
NPCL	PXIL	40	12-30 Jun'24	08:00-13:00	7 th Jun'24
NPCL	PXIL	50	18-30 Jun'24	00:00-24:00	7 th Jun'24
NPCL	PXIL	50	01-15 Jul'24	00:00-24:00	7 th Jun'24
NPCL	PXIL	50	16-31 Jul'24	00:00-24:00	7 th Jun'24
NPCL	PXIL	50	01-31 Aug'24	00:00-24:00	7 th Jun'24

Note: DEEP, IEX, HPX, PXIL— No Notices for today

Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
NPCL	HPX	01-15 Jul'24	00:00-24:00	50	31	19	5.75-6.09
NPCL	HPX	16-31 Jul'24	00:00-24:00	50	31	19	5.75-6.09
NPCL	HPX	01-31 Aug'24	00:00-24:00	125	114	11	7.39-7.40

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



NEWS FLASH

Tenders and Projects

Cliantech to establish 1.2 GW solar panel company in Uttar Pradesh

Cliantech Solutions will set up a 1.2 GW solar panel manufacturing line for Alpex Solar in Kosi Kotwan, Mathura, doubling its capacity to 2.4 GW by 2025. The site, purchased for Rs 200 million, is near NH 19 ([PowerLine](#))

Gensol Engineering wins bidding for energy storage project

Gensol Engineering secured a Rs 1,340 crore bid for Gujarat Urja Vikas Nigam's 250 MW/500 MWh Battery Energy Storage Project, enhancing renewable energy availability and grid resilience ([EconomicTimes](#))

BluPine Energy signs PPA with Dalmia Cement for solar plant

BluPine Energy signed a PPA with Dalmia Cement for a 46.87 MWp solar plant in Karnataka, boosting BluPine's C&I RE capacity to over 400 MW. This project contributes to BluPine's 2.4 GW total renewables capacity ([EconomicTimes](#))

Tata Power Renewable Energy deploys more than 850 e-bus charging points

Tata Power Renewable Energy Ltd. has deployed over 850 high-capacity EV charging points across key metropolitan areas, reducing over 1 lakh tonnes of CO2 emissions. The network supports rapid charging at 30+ bus depots, with Delhi leading in e-bus utilization ([BusinessStandard](#))

Events

Windergy India - 23rd Oct '24

India Energy Storage Week – 1st Jul '24

Insights

India will require \$215 bn to reach the target of 500 GW renewable energy by '30

India needs \$190-\$215 billion in investment to achieve 500 GW of renewable energy by 2030, plus \$150-\$170 billion for transmission, distribution, and storage, according to Moody's ([TheNewIndianExpress](#))

Scorching heat sends power demand to new record high in Uttar Pradesh

Uttar Pradesh met a record electricity demand of 29,820 MW on June 11, 2024, amid a severe heatwave, causing power outages and low voltage issues. Despite this, the Uttar Pradesh Power Corporation is ensuring supply continuity and combating electricity theft to improve system reliability ([ZeeBusiness](#))

India sees a 2-fold surge in open-access solar installations in Q1 this year

India saw a two-fold increase in open-access solar installations to 1.8 GW in Q1 2024, with Rajasthan leading capacity additions. The surge reflects growing demand for renewable energy, contributing to India's goal of 500 GW non-fossil-based electricity by 2030 ([ArgusNews](#))

International News

China Warns EU Tariffs On EVs Would 'Harm' Europe's Interests

China criticized the EU's plan to impose up to 25% tariffs on Chinese electric vehicles, calling it protectionism that harms global trade stability. The move counters EU commitments to free trade and could impact China-EU economic cooperation ([EconomicTimes](#))

Reports

EV Sales Surge by 42% in FY2024 to Clock 1.67 Million Units