



Power Supply Position

4th June '24

	Jun' 23	Jun' 24		Jun' 23	Jun' 24
Energy Met (MU)	4,335	5,207	Max Demand (MW)	199,064	240,890
Energy Shortage (MU)	3.86	4.11	Solar Hour Peak (MW)	185,217	240,890
Generation Outage (MW)	48,530	34,688	Evening Peak (MW)	182,336	217,156
Frequency (49.9-50.05)	65.19%	78.89%	Peak Shortage (MW)	37	343

Non Fossil Generation (MU)

% Total Generation

23'-24.10% 24'-23.89%

Hydro

Solar

Wind

Nuclear

Others

Jun' 23	Jun' 24
388	506

Jun' 23	Jun' 24
286	380

Jun' 23	Jun' 24
319	280

Jun' 23	Jun' 24
112	140

Jun' 23	Jun' 24
26	34

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

2.20

Nepal

-0.10

Bangladesh

-23.60

Godha – Bangladesh

-30.20

Myanmar

0.00

Source: Grid India

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

Collective Transactions

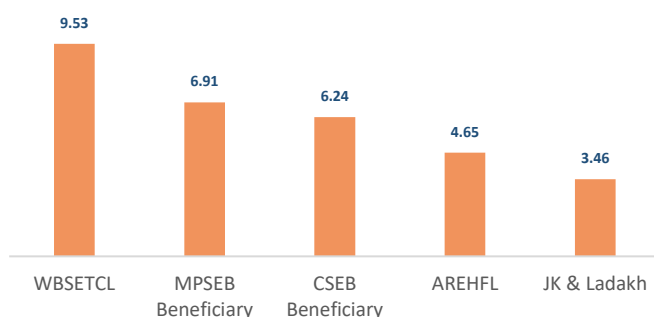
DAM

G-DAM

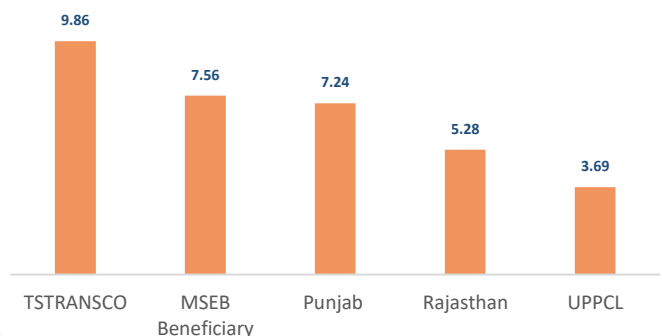
RTM

	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	332.57	0	0	70.88	0	0	225.13	0	0
Sell Bid (MU)	225.35	0	0	28.07	0	0	165.04	0	0
MCV (MU)	144.23	0	0	18.56	0	0	116.95	0	0
Avg. MCP – 24' (₹/KWh)	6.47	0	0	6.80	0	0	5.92	0	0
Avg. MCP – 23' (₹/KWh)	5.71	0	0	6.63	0	0	4.30	0	0
Wt. Avg. MCP (₹/KWh)	5.50	0	0	4.81	0	0	6.13	0	0

Top Sellers (MU)



Top Buyers (MU)



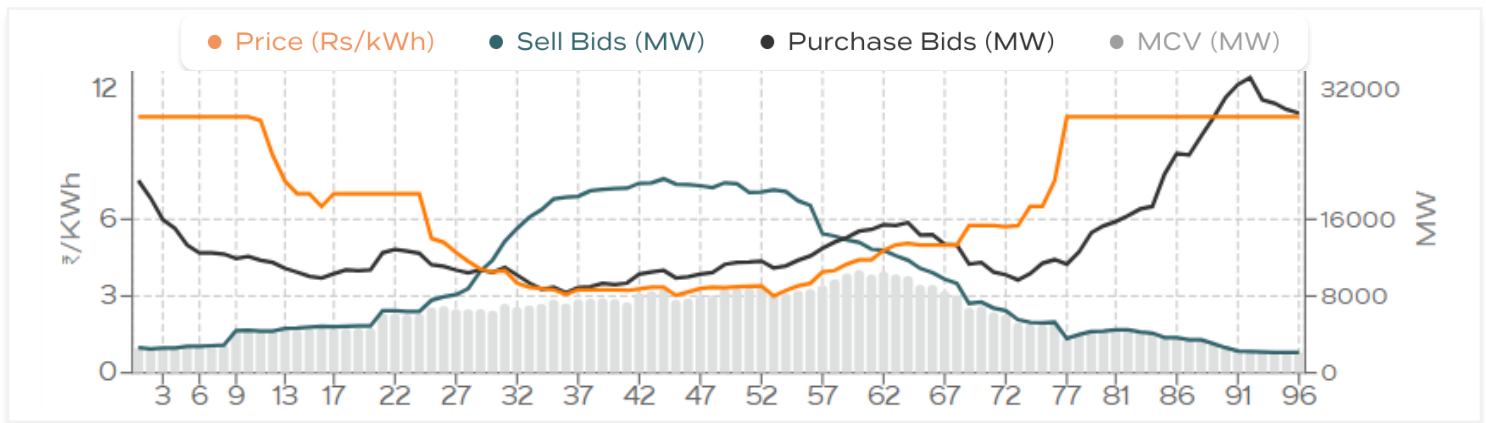
Source: IEX, HPX, PXIL

Note: IEX DAM data is not available for buyers and sellers



Day-Ahead Market (5th Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	30,788.1	20,211.4	10,702.13	10.00
Minimum	8,347.8	2,148.3	2,148.3	3.00
Average	13,856.98	9,389.56	6,009.65	6.47



Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
UPCL	PXIL	200	01-31 Jul'24	00:00-24:00	4 th Jun'24
UPCL	PXIL	150	01-31 Aug'24	00:00-24:00	4 th Jun'24

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

Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
WBSEDCL	DEEP	01-31 Jul'24	00:00-24:00	1500	0	1500	6.41-6.98
WBSEDCL	DEEP	01-31 Jul'24	00:00-24:00	500	295	205	9.89-9.90
WBSEDCL	DEEP	01-31 Jul'24	00:00-24:00	500	475	25	9.90
WBSEDCL	DEEP	01-31 Aug'24	00:00-24:00	1500	0	1500	6.65-6.98
WBSEDCL	DEEP	01-31 Aug'24	00:00-24:00	500	0	500	9.83-9.90
WBSEDCL	DEEP	01-31 Aug'24	19:00-24:00	500	435	65	9.90-12.50
WBSEDCL	DEEP	01-30 Sep'24	00:00-24:00	1500	0	1500	6.69-7.20
WBSEDCL	DEEP	01-30 Sep'24	00:00-05:00	300	0	300	9.83
WBSEDCL	DEEP	01-30 Sep'24	19:00-24:00	300	185	115	9.90-12.50

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



NEWS FLASH

Tenders and Projects

Waaree Renewable receives LoA for EPC works for solar power project

Waaree Renewable Energy Technologies Ltd secured a Rs 652.2 million contract for EPC services for a 26.4 MWp solar project from an Indian steel manufacturer, set for completion in 2024-25 ([PowerLine](#))

BPCL Invites bids solar power project in Uttar Pradesh

BPCL has released an open domestic tender for the development of a ground-mounted solar power project in Prayagraj, Uttar Pradesh. The project, with a capacity of 71 MWp (DC) or 52 MW (AC), will be executed on a Lump Sum Turnkey (LSTK) basis ([SolarQuarter](#))

Ceres signs contract with Shell for green hydrogen in India

secures a phase two contract with Shell to design a solid oxide electrolyzer (SOEC) for industrial applications like synthetic fuels, aiming for 35% more hydrogen production efficiency. Targeting module-level efficiency of less than 36kWh/kg of hydrogen, aligning with EU SOE 2030 targets ([EconomicTimes](#))

SJVN's 900 MW project in Nepal to start power generation

SJVN's 900 MW Arun-3 hydro-electric project in Nepal is expected to begin power generation next year, with over 74% of the work completed. The project aims to generate 3924 million units of electricity annually ([BusinessStandard](#))

Himachal Pradesh implements comprehensive grid management regulations

Himachal Pradesh Electricity Regulatory Commission's new regulation enforces grid discipline, timely deviation settlement, and payment, ensuring stability and reliability. It introduces strict timelines, a State Power Systems Development Fund, and emphasizes transparency for grid security ([SolarQuarter](#))

Events

Trans Tech India - 7th Oct '24

India Renewables Summit - 25th Jul '24

Insights

AESL to invest Rs 200 billion in eight years

Adani Energy Solutions Limited plans to invest Rs 200 billion over eight years to expand its distribution business, targeting a customer base of 4.5 million, with parallel license applications in Uttar Pradesh, Maharashtra, and Gujarat ([PowerLine](#))

REC may approve up trillions for coal-fired power projects by 2032

REC Limited aims to disburse up to Rs 1.75 trillion in loans for coal-fired power plants by 2032, supporting India's goal of adding 80 GW of thermal power capacity ([PowerLine](#))

BERC introduces amendments to accelerate rooftop solar uptake

BERC seeks input on rooftop solar amendments, with comments due by June 20 and a Public Hearing on June 25, 2024. Changes aim to speed up approvals, including automatic acceptance of applications up to 10 kW and load enhancements, for faster rooftop solar integration ([Energetica](#))

The future of solar energy: How R&D can bridge the gap between supply and demand

Solar power, aided by tech advancements and supportive policies, is crucial for India's sustainable energy future. Investment in R&D and global cooperation are vital for maximizing solar energy's potential ([PV Magazine](#))

International News

Cleaner German power sector coming under scrutiny in 2024

Germany's power system achieves cleaner energy milestones with 30% lower wholesale prices, aiding industrial recovery. However, reduced electricity output from utilities poses challenges for meeting further demand without increased fossil fuel use ([Reuters](#))

Reports

COP28 Tripling Renewable Capacity Pledge