



Power Supply Position

20th Jun'24

	Jun' 23	Jun' 24		Jun' 23	Jun' 24
Energy Met (MU)	4,790	5,045	Max Demand (MW)	214,640	229,780
Energy Shortage (MU)	5.36	4.15	Solar Hour Peak (MW)	214,640	229,780
Generation Outage (MW)	40,515	39,254	Evening Peak (MW)	203,731	216,481
Frequency (49.9-50.05)	74.02%	71.74%	Peak Shortage (MW)	89	225

Non Fossil Generation (MU)

% Total Generation

Jun 23' 26.35% Jun 23' 29.26%

Hydro

Solar

Wind

Nuclear

Others

Jun' 23	Jun' 24
600	527

Jun' 23	Jun' 24
300	377

Jun' 23	Jun' 24
311	508

Jun' 23	Jun' 24
112	140

Jun' 23	Jun' 24
29	37

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godha –
Bangladesh

Myanmar

Jun' 23	Jun' 24
43.30	32.70

Jun' 23	Jun' 24
5.20	12.10

Jun' 23	Jun' 24
-25.10	-24.10

Jun' 23	Jun' 24
-23.50	-11.20

Jun' 23	Jun' 24
0.00	0.00

Source: Grid India

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

Collective Transactions

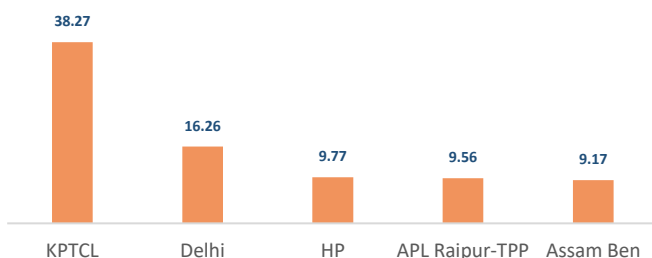
DAM

G-DAM

RTM

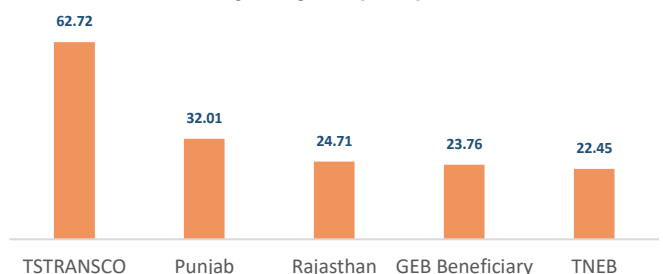
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	290.93	0	0	77.37	0	0	157.34	0	0
Sell Bid (MU)	322.94	0	0	45.87	0	0	263.08	0	0
MCV (MU)	202.90	0	0	22.25	0	0	122.53	0	0
Wt. Avg. MCP – 24' (₹/KWh)	4.94	0	0	4.22	0	0	3.95	0	0
Wt. Avg. MCP – 23' (₹/KWh)	5.43	0	0	5.14	0	0	4.37	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

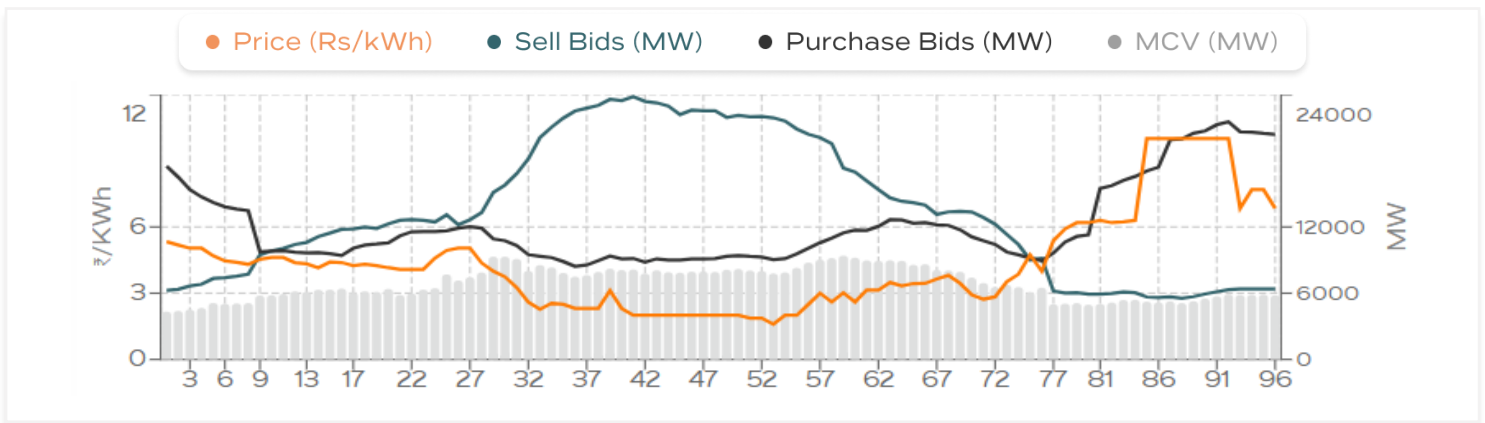
Top Buyers (MU)





Day-Ahead Market (21st Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	21,516.6	23,804.8	11,507	10.00
Minimum	8,441.2	5,526.9	5,526.88	1.65
Average	12,122.05	13,455.68	8,454.26	5.43



Reverse Auction Notices

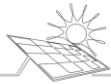
Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
APCPDCL	IEX	500	21-30 Jun'24	00:00-03:00	19 th Jun'24
APCPDCL	IEX	500	21-30 Jun'24	19:00-24:00	19 th Jun'24
NPCL	IEX	150	24-30 Jun'24	19:00-24:00	20 th Jun'24
NPCL	IEX	150	24-30 Jun'24	00:00-05:00	20 th Jun'24
CESC	IEX	150	01-31 Jul'24	19:00-24:00	20 th Jun'24
CESC	IEX	150	01-31 Jul'24	00:00-02:00	20 th Jun'24
APCPDCL	PXIL	800	01-31 Jul'24	00:00-02:00	20 th Jun'24
APCPDCL	PXIL	800	01-31 Jul'24	19:00-24:00	20 th Jun'24
APCPDCL	HPX	800	01-31 Jul'24	00:00-02:00	20 th Jun'24
APCPDCL	HPX	800	01-31 Jul'24	19:00-24:00	20 th Jun'24

Note: DEEP- No Notices for today

Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
APCPDCL	IEX	21-30 Jun'24	19:00-24:00	500	500	0	NA
APCPDCL	IEX	21-30 Jun'24	00:00-03:00	500	500	0	NA
DVC	IEX	01-31 Jul'24	00:00-24:00	1200	1200	0	NA
DVC	IEX	01-31 Aug'24	00:00-24:00	1200	1200	0	NA
DVC	IEX	01-31 Aug'24	00:00-24:00	100	100	0	NA
DVC	IEX	01-31 Jul'24	00:00-24:00	100	100	0	NA

Note: DEEP, HPX, PXIL- No Results for today



NEWS FLASH

Tenders and Projects

Waaree Energies to supply solar modules to Mahindra Susten

Waaree Energies Ltd will supply 280 MW of advanced solar modules to Mahindra Susten for PV projects in Bikaner, Rajasthan. Delivery of the ELITE Series n-type TOPCon 580 Wp modules starts in December ([EconomicTimes](#))

GETCO to invest billions in transmission infrastructure

GETCO plans to invest Rs 960 billion over eight years to enhance Gujarat's transmission infrastructure, supporting the state's growing renewable energy capacity. Gujarat aims to expand its renewable capacity to 73,245 MW by 2030-31 ([RenewableWatch](#))

NTPC tenders for 3MWh flow battery at research facility

NTPC has issued a tender for a 600kW, 3,000kWh vanadium redox flow battery at its NETRA R&D center in Greater Noida. This project aims to evaluate flow battery technology as a long-duration energy storage solution ([EnergyStorageNews](#))

GERC approves tariffs for solar projects

GERC reviewed GUVNL's petition to approve tariffs for 1,125 MW solar PV projects at Khavda Renewable Energy Park, involving multiple energy firms. GUVNL stressed timely tariff adoption for RPO compliance, with GERC emphasizing transparent bidding and regulatory oversight ([EnergeticalIndia](#))

JSW MG Motor & Ecofy partners to boost adoption of EVs

MG Motor India has partnered with Ecofy and Autovert to provide innovative financing and leasing options for up to 10,000 electric vehicles over the next three years, enhancing EV accessibility across India. This initiative includes new loan options and flexible subscription plans to drive EV adoption ([EconomicTimes](#))

Events

Trans Tech India - 9th Oct '24

India Energy Storage Week – 1st Jul '24

Insights

EUSUSO Denmark and REnergy Dynamics forge partnership for green energy in India

EUSUSO Denmark and REnergy Dynamics (RED) have signed an agreement to establish advanced CBG plants in India using patented Danish technology, CELLEBRIQ™, to enhance CBG production from agricultural residues ([EconomicTimes](#))

Thermal power plant load factor to remain healthy at 70% in FY25

ICRA projects thermal plant load factor to remain healthy at 70% in FY2025 due to a 6% power demand growth, with the segment's outlook rated "Stable." However, the power distribution segment remains "Negative" amid limited tariff hikes and ongoing losses ([BusinessStandard](#))

Himachal is on its way to becoming the first green energy state

Himachal Pradesh aims to be India's first green energy state, inaugurating a 32 MW solar project in Una, targeting 500 MW total capacity. The Pekhubela project will generate 6.61 crore units annually ([EconomicTimes](#))

International News

Putin signs deal with Vietnam in a bid to shore up ties in Asia to offset Moscow's growing isolation

Russian President Putin signed a dozen deals with Vietnam, including cooperation in fossil fuels, education, and nuclear technology, aiming to strengthen ties amidst international isolation. Both nations also expressed intent to enhance defense and security cooperation in the Asia-Pacific region. ([EconomicTimes](#))

Reports

Electricity 2024