



Power Supply Position

19th Jun'24

	Jun' 23	Jun' 24		Jun' 23	Jun' 24
Energy Met (MU)	4,722	5,237	Max Demand (MW)	213,661	239,060
Energy Shortage (MU)	3.14	16.20	Solar Hour Peak (MW)	213,661	239,060
Generation Outage (MW)	42,300	37,300	Evening Peak (MW)	203,192	215,152
Frequency (49.9-50.05)	72.94%	66.55%	Peak Shortage (MW)	181	1,342

Non Fossil Generation (MU) % Total Generation 23'-25.65% 24'-27.46%

Hydro

Solar

Wind

Nuclear

Others

Jun' 23	Jun' 24
570	537

Jun' 23	Jun' 24
299	367

Jun' 23	Jun' 24
304	477

Jun' 23	Jun' 24
112	140

Jun' 23	Jun' 24
20	33

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda –
Bangladesh

Myanmar

Jun' 23	Jun' 24
42.10	22.60

Jun' 23	Jun' 24
4.00	10.20

Jun' 23	Jun' 24
-25.10	-24.00

Jun' 23	Jun' 24
-24.30	-12.30

Jun' 23	Jun' 24
0.00	0.00

Source: Grid India

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

Collective Transactions

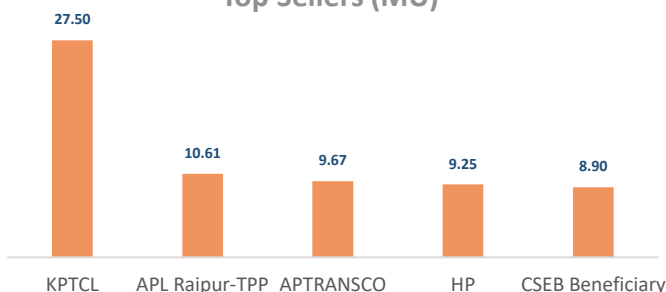
DAM

G-DAM

RTM

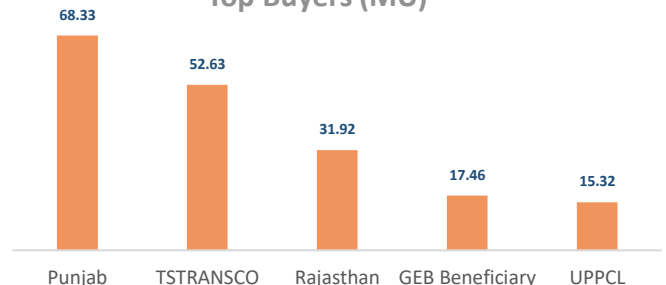
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	339.45	0	0	74.25	0	0	260.99	0	0
Sell Bid (MU)	296.25	0	0	51.35	0	0	209.73	0	0
MCV (MU)	189.93	0	0	26.17	0	0	147.37	0	0
Avg. MCP – 24' (₹/KWh)	6.60	0	0	6.37	0	0	6.99	0	0
Avg. MCP – 23' (₹/KWh)	5.54	0	0	6.07	0	0	4.59	0	0
Wt. Avg. MCP (₹/KWh)	5.96	0	0	5.08	0	0	7.22	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

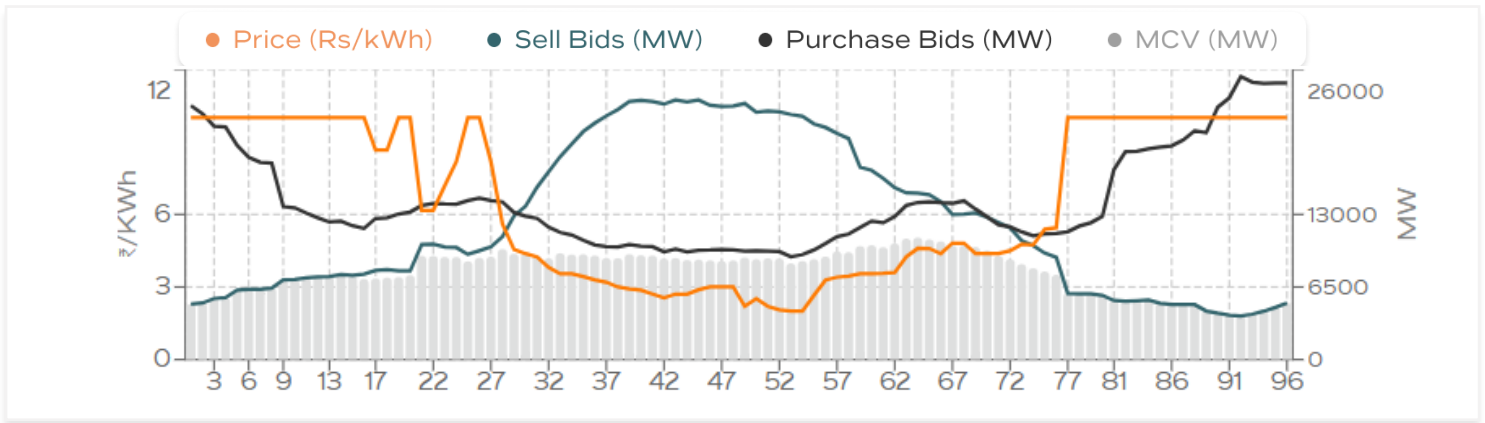
Top Buyers (MU)





Day-Ahead Market (20th Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	25,335.9	23,255.7	10,924.07	10.00
Minimum	9,201.8	3,917.2	3,917.18	2.00
Average	14,143.90	12,343.8	7,887.56	6.60



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
NPCL	HPX	150	24-30 Jun'24	00:00-05:00	19 th Jun'24
NPCL	HPX	150	24-30 Jun'24	19:00-24:00	19 th Jun'24
NPCL	PXIL	150	24-30 Jun'24	00:00-05:00	19 th Jun'24
NPCL	PXIL	150	24-30 Jun'24	19:00-24:00	19 th Jun'24

Note: DEEP— No Notices for today

Note: IEX-Data not available

Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
APCPDCL	PXIL	21-30 Jun'24	19:00-24:00	500	500	0	NA
APCPDCL	PXIL	21-30 Jun'24	00:00-03:00	500	500	0	NA

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

NEWS FLASH

Tenders and Projects

Emmvee Group bags order for supply solar modules

Emmvee Group secured an order from NTPC Renewable Energy Limited to supply 795.4 MWp TOPCon solar modules for the 1,255 MW Khavda solar project in Gujarat. Additionally, Emmvee signed a deal with Hero Future Energies in May 2024 to supply 600 MWp solar modules ([RenewableWatch](#))

Adani Group signs MoU for Bhutan's hydropower plant

Adani Group signed an MoU with Druk Green Power Corporation for a 570 MW hydroelectric plant in Chukha, Bhutan, supporting the nation's infrastructure vision. They also discussed collaborations on hydroelectric projects and green energy management ([PowerLine](#))

Gensol Engineering bags another BESS project from GUVNL

Gensol Engineering secured a 500 MW/1,000 MWh BESS project under GUVNL's green shoe option, raising their order book to over INR 3,100 crore. The project will generate INR 2,685 crore over 12 years, providing on-demand electricity to Gujarat's discoms and enhancing grid resilience ([EconomicTimes](#))

EESL ties up with APEPDCL to promote energy efficiency, conservation

EESL partnered with APEPDCL to promote energy efficiency and conservation through the 'Energy Efficient Appliance Programme', benefiting residential and institutional consumers with lower energy bills and advanced technologies. The initiative will raise awareness via web portal, text messages, and WhatsApp ([BusinessStandard](#))

Cabinet approves VGF scheme for energy projects

The Union Cabinet approved a Rs 7453 crore Viability Gap Funding (VGF) scheme for 1 GW offshore wind projects in Gujarat and Tamil Nadu, with Rs 600 crore for port upgrades, to boost renewable energy capacity ([TOI](#))

Events

India Energy Conclave - 4th Sep '24
India Energy Storage Week – 1st Jul '24

Insights

Will invest \$100 bn in energy transition over next decade: Gautam Adani

Adani Group will invest over \$100 billion in energy transition projects and manufacturing for green energy components, aiming to achieve 50 GW renewable energy capacity by 2030 and develop the world's largest single-site renewable energy park in Gujarat ([BusinessStandard](#))

IOC, and GPS Renewables form a joint venture for sustainable energy solutions

Indian Oil Corporation (IOC) and GPS Renewables have formed a 50:50 joint venture to advance biofuel adoption in India, focusing on converting organic waste into compressed biogas (CBG) to reduce greenhouse gas emissions. This initiative aligns with IOC's goal to achieve net-zero carbon emissions by 2046 ([BusinessStandard](#))

India's coal-based power demand rise by 7.3%, at all-time high: Govt

India's coal-based power demand rose by 7.3% this fiscal year to an all-time high, driven by record peak power demand in the northern plains amid an ongoing heatwave. The government is ramping up coal production and transportation to ensure sufficient reserves for power plants ([BusinessStandard](#))

Telangana discoms lost ₹6,000cr due to BRS govt's deal

Telangana Discoms lost ₹6,000 crore from a flawed 2015 power deal with Chhattisgarh, facing supply shortages and extra expenses. The unilateral agreement bypassed open bidding and lacked final regulatory approval, causing substantial financial strain ([HindustanTimes](#))

International News

Australian opposition puts nation's first nuclear power plants in its energy plan ahead of elections

Australia's opposition plans to build the country's first nuclear power plants by 2035, replacing aging coal plants, amid debates over effective decarbonization strategies. The proposal contrasts with the government's stance favoring renewable energy, sparking political division ahead of upcoming elections ([EconomicTimes](#))

Reports

Can India Achieve 30 GW Offshore Wind Capacity Target by 2030?