



Power Supply Position

18th Jun'24

	Jun' 23	Jun' 24
Energy Met (MU)	4,607	5,314
Energy Shortage (MU)	3.78	19.37
Generation Outage (MW)	42,182	33,713
Frequency (49.9-50.05)	69.71%	71.61%

	Jun' 23	Jun' 24
Max Demand (MW)	204,565	239,329
Solar Hour Peak (MW)	200,995	239,329
Evening Peak (MW)	192,573	219,922
Peak Shortage (MW)	12	753

Non Fossil Generation (MU) % Total Generation 23'-26.77% 24'-26.33%



Hydro



Solar



Wind



Nuclear



Others

Jun' 23	Jun' 24
553	543

Jun' 23	Jun' 24
260	386

Jun' 23	Jun' 24
383	408

Jun' 23	Jun' 24
111	140

Jun' 23	Jun' 24
20	34

* Note: Others include Biomass Generation

Cross-Border Trades (MU)



Bhutan



Nepal



Bangladesh



Godda – Bangladesh



Myanmar

Jun' 23	Jun' 24
43.90	22.70

Jun' 23	Jun' 24
2.20	6.50

Jun' 23	Jun' 24
-24.70	-24.30

Jun' 23	Jun' 24
-21.20	-22.30

Jun' 23	Jun' 24
0.00	0.00

Source: Grid India

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

Collective Transactions

DAM

G-DAM

RTM

Purchase Bid (MU)

IEX	HPX	PXIL
408.26	0	0

IEX	HPX	PXIL
83.07	0	0

IEX	HPX	PXIL
270.83	0	0

Sell Bid (MU)

IEX	HPX	PXIL
232.99	0	0

IEX	HPX	PXIL
35.88	0	0

IEX	HPX	PXIL
167.43	0	0

MCV (MU)

IEX	HPX	PXIL
144.22	0	0

IEX	HPX	PXIL
20.51	0	0

IEX	HPX	PXIL
111.86	0	0

Avg. MCP – 24' (₹/KWh)

IEX	HPX	PXIL
6.72	0	0

IEX	HPX	PXIL
6.74	0	0

IEX	HPX	PXIL
6.58	0	0

Avg. MCP – 23' (₹/KWh)

IEX	HPX	PXIL
5.81	0	0

IEX	HPX	PXIL
6.27	0	0

IEX	HPX	PXIL
4.41	0	0

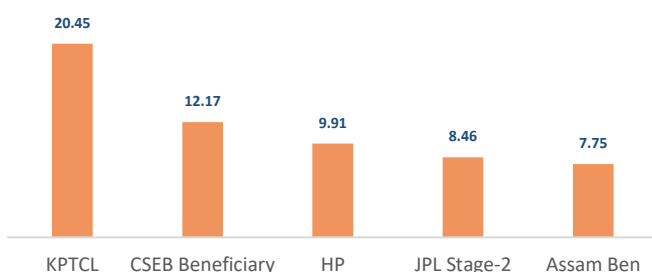
Wt. Avg. MCP (₹/KWh)

IEX	HPX	PXIL
5.54	0	0

IEX	HPX	PXIL
4.68	0	0

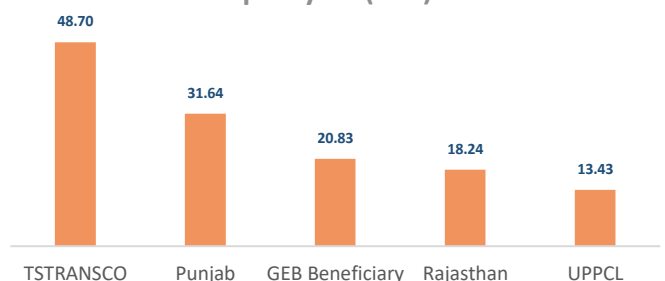
IEX	HPX	PXIL
7.17	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

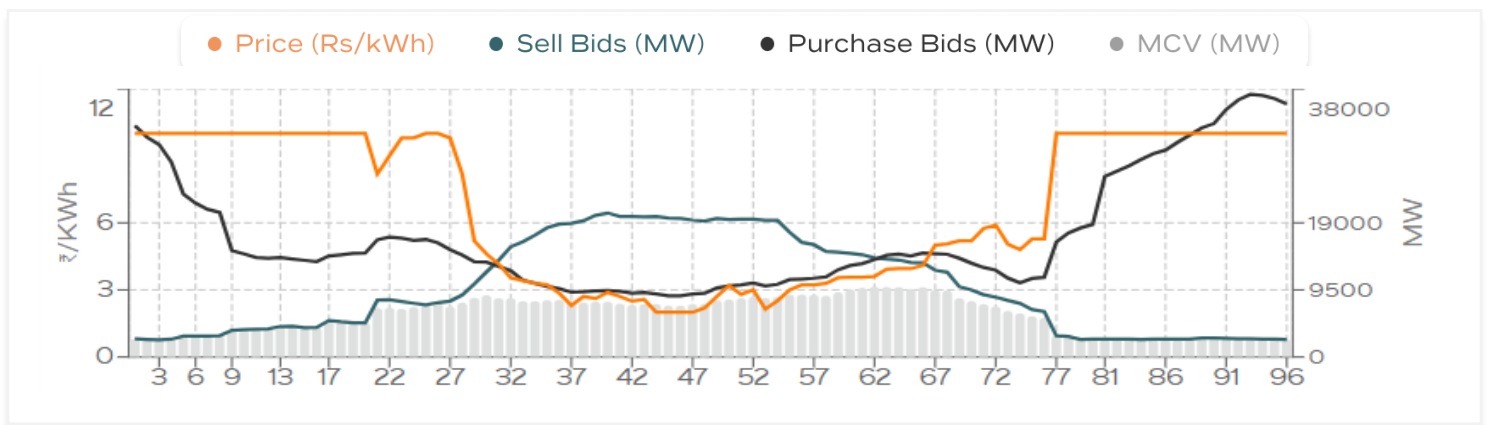
Top Buyers (MU)





Day-Ahead Market (19th Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	37,197	20,401.8	9,952.4	10.00
Minimum	8,661.3	2,436.8	2,436.8	1.99
Average	17,010.81	9,708.25	6,009.17	6.72



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
DVC	IEX	100	01-31 Aug'24	00:00-24:00	18 th Jun'24
DVC	IEX	1200	01-31 Aug'24	00:00-24:00	18 th Jun'24
DVC	IEX	1200	01-31 Jul'24	00:00-24:00	18 th Jun'24
DVC	IEX	100	01-31 Jul'24	00:00-24:00	18 th Jun'24
APCPDCL	HPX	500	20-30 Jun'24	19:00-24:00	18 th Jun'24
APCPDCL	HPX	500	20-30 Jun'24	00:00-03:00	18 th Jun'24
APCPDCL	PXIL	500	21-30 Jun'24	19:00-24:00	18 th Jun'24
APCPDCL	PXIL	500	21-30 Jun'24	00:00-03:00	18 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	
GRIDCO	DEEP	01 Jul'24-30 Jun'28	00:00-24:00	200	0	200	6.50-6.78
GRIDCO	DEEP	01 Jul'24-30 Jun'28	00:00-02:00	200	200	0	NA
GRIDCO	DEEP	01 Jul'24-30 Jun'28	18:00-24:00	200	200	0	NA

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

NEWS FLASH

Tenders and Projects

Vikram Solar wins module supply order for NLC India's solar project

Vikram Solar secures a 393.9 MWp module supply order for NLC India Limited at GSECL's Solar Park in Khavda, Gujarat, bringing their total supply to over 1 GW. This milestone highlights their pivotal role in advancing the region's renewable energy infrastructure ([EconomicTimes](#))

SECI issues tender for 1.4 MW solar projects with BESS

SECI invites proposals for 1,385 kW of solar projects with 394 kW/1,117 kWh battery storage in Lakshadweep under the RESCO model, to be set up on Amini, Androth, Bitra, and Kadmat islands. The projects will supply a combined annual energy output of over 1,934 MWh ([RenewableWatch](#))

NTPC to supply green coal for power projects

NTPC partners with Macawber Beekay to supply charcoal (green coal) for reducing carbon emissions in power generation, with projects in Noida, Bhopal, and Hubballi. Green coal is produced from municipal solid waste through torrefaction ([EconomicTimes](#))

CERC notifies draft Regulations 2024

The draft amendment limits infirm power injection to one year for non-renewables and 45 days for renewables and storage. Thermal plants under Section 63 will be compensated for part-load operations per their contracts or CERC regulations ([PowerLine](#))

Bihar Electricity Regulatory Commission proposes draft green energy open access regulations 2024

BERC's new Green Energy Open Access Regulations for 2024 propose reducing the minimum capacity for open access to 100 kW and introducing green certificates ([SolarQuarter](#))

Events

India Energy Conclave - 4th Sep '24
Energy Leadership Summit- 25th Sep '24

Insights

Investments in renewables, roads, and realty to surge 38 pc over FY25-26

India's infrastructure investment is set to grow by 38% to Rs 15 lakh crore in FY 2025 and 2026, driven by renewable energy, roads, and real estate, according to a CRISIL report. Strong policy support has attracted investors and strengthened private players' credit profiles, with 50 GW of renewable projects planned for the next two years ([EconomicTimes](#))

DNA data storage start-up BioCompute gets climate entrepreneurship grant

BioCompute won a Rs 31 lakh grant at SusCrunch 2024 for its DNA-based data storage technology aimed at reducing data center emissions. The event, organized by SusMafia, showcased pitches from 10 climate action startups and featured high-performance electric trucks and insights on renewable energy from industry leaders ([ZeeBusiness](#))

India set to add 30-35 GW of renewable energy capacity in FY25

India expects to add 30-35 GW of renewable energy capacity in FY25, surpassing the previous year's 18.4 GW addition, driven by auctions targeting 50 GW. Investment needs for reaching 500 GW by 2030 include USD 190-215 billion for generation and USD 150-170 billion for transmission and storage ([EconomicTimes](#))

International News

Germany's Solar Installations Jump 35% in Early 2024

Germany aims for 80% renewable energy by 2030 and climate neutrality by 2045, with over 5 GW of new solar capacity added in 2024. Commercial rooftop installations saw an 81% increase, driving sector growth alongside government targets for 19 GW annual additions ([EconomicTimes](#))

Reports

Green Hydrogen: Enabling Measures Roadmap for Adoption in India