



Power Supply Position

17th June'24

	Jun' 23	Jun' 24
Energy Met (MU)	4,843	5,309
Energy Shortage (MU)	19.62	36.25
Generation Outage (MW)	46,039	32,706
Frequency (49.9-50.05)	69.04%	83.61%

	Jun' 23	Jun' 24
Max Demand (MW)	211,962	240,135
Solar Hour Peak (MW)	211,962	240,135
Evening Peak (MW)	204,407	223,665
Peak Shortage (MW)	463	1,842

Non Fossil Generation (MU)

% Total Generation

23'-26.05% 24'-23.98%

Hydro

Solar

Wind

Nuclear

Others

Jun' 23	Jun' 24
554	558

Jun' 23	Jun' 24
272	383

Jun' 23	Jun' 24
399	259

Jun' 23	Jun' 24
108	140

Jun' 23	Jun' 24
34	35

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

23.8

Nepal

4.8

Bangladesh

-24.0

Godda – Bangladesh

-25.4

Myanmar

0.00

Source: Grid India

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

Collective Transactions

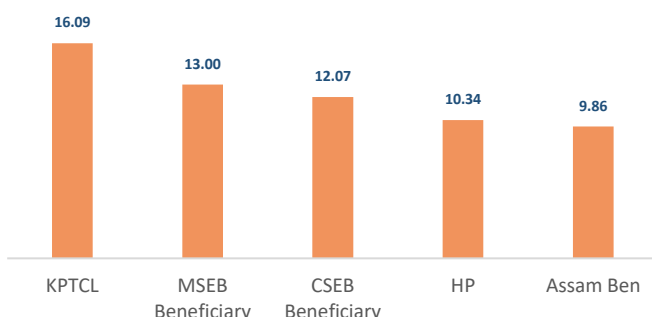
DAM

G-DAM

RTM

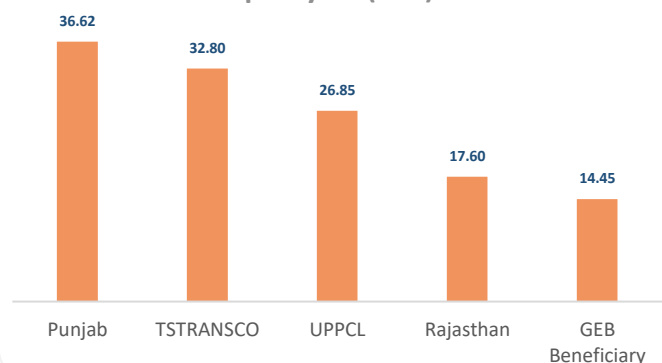
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	393.84	0	0	79.32	0	0	400.05	0	0
Sell Bid (MU)	209.57	0	0	27.35	0	0	145.05	0	0
MCV (MU)	138.54	0	0	18.52	0	0	108.29	0	0
Avg. MCP – 24' (₹/KWh)	6.78	0	0	6.78	0	0	7.77	0	0
Avg. MCP – 23' (₹/KWh)	5.42	0	0	6.18	0	0	6.35	0	0
Wt. Avg. MCP (₹/KWh)	5.42	0	0	4.90	0	0	7.59	0	0

Top Sellers (MU)



Source: IEX, HPX, PXIL

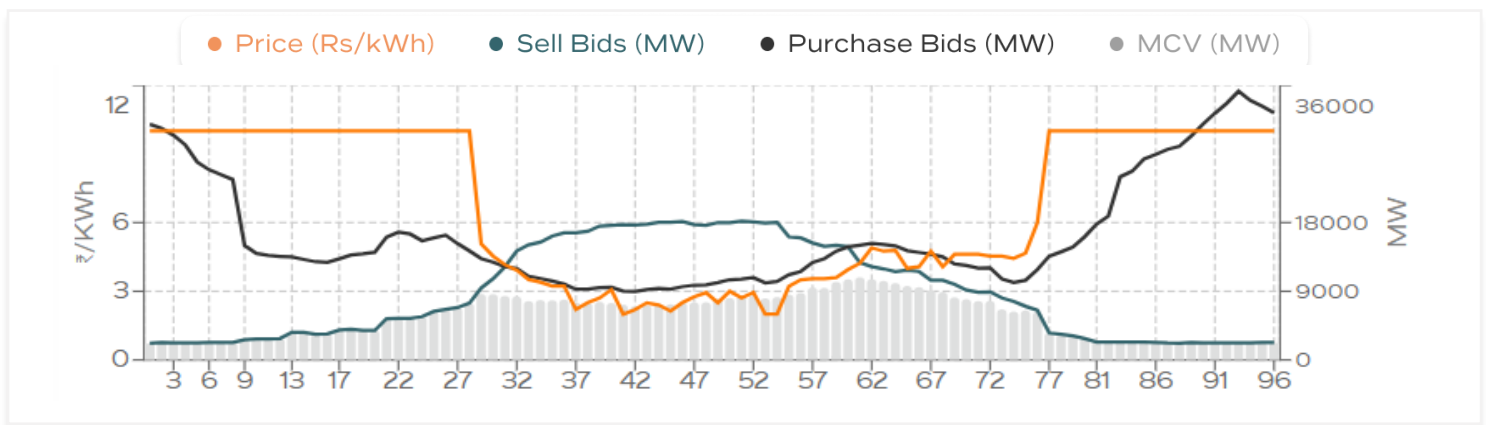
Top Buyers (MU)





Day-Ahead Market (18th Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	35,209.3	18,184.3	10,818.6	10.00
Minimum	8,977	2,196.8	2,196.78	1.99
Average	16,410.3	8,732.13	5,772.52	6.78



Source: IEX

Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
RUVNL	HPX	500	22-30 Jun'24	19:00-24:00	17 th Jun'24
RUVNL	HPX	500	22-30 Jun'24	00:00-02:00	17 th Jun'24
RUVNL	PXIL	500	22-30 Jun'24	19:00-24:00	17 th Jun'24
RUVNL	PXIL	500	22-30 Jun'24	00:00-02:00	17 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	
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— No Results for today

NEWS FLASH

Tenders and Projects

Gruner Renewable Energy to set up compressed biogas plant in Gujarat at Rs 220-cr investment

The CBG plant in Navsari is expected to produce 44 tonnes of biogas per day (TPD) using cost-effective feedstocks such as paddy, press mud and of MSW. This equates to an annual production of over 16,000 tonnes of biomass ([EconomicTimes](#))

Over 50 high-impact growth projects to power Vedanta's plan to achieve USD 10 bn

Mining conglomerate Vedanta Group's strategic roadmap to a USD 10 billion near-term EBITDA will be powered by timely execution of over 50 high impact growth projects, including those in zinc, aluminum, oil and gas and power businesses ([EconomicTimes](#))

Tripura to lay underground power cable network in urban areas: Minister

The Tripura government will go for underground electricity cable networks in a few urban areas including Agartala Municipal Corporation (AMC) areas. The initiative is mulled to avoid power cuts in urban areas during the monsoon season as Tripura is cyclone prone ([EconomicTimes](#))

Smart metering in power sector: Phase 1 expected to be completed by January 2026

As per a revised plan cleared on May 23, three lakh meters that work on prepayment mode will be installed in Phase I at a cost of ₹277 crore. Tenders expected to be floated by the end of June ([EconomicTimes](#))

IFC commits \$105 million for Brookfield's Bikaner solar power project

International Finance Corporation (IFC), the private sector lending arm of the World Bank, has pledged \$105 million to part-finance a 550 MWp solar power project in Bikaner, Rajasthan, being developed by Brookfield Asset Management ([EconomicTimes](#))

Rajasthan CM allots land to set up 4 solar plants, govt aims to make state 'leader' in energy sector

Rajasthan CM Bhajanlal Sharma approved the proposal to allot 4,780 hectares of land for setting up four solar projects. The approval is aligned with the aim to make Rajasthan self-reliant and 'leader' in the energy sector ([FinancialExpress](#))

Events

Energy Leadership Awards – 25th Sep '24
India Energy Conclave - 4th Sep '24

Insights

2023 offshore wind growth as industry sets course for record-breaking decade: GWEC

In 2023 the wind industry installed 10.8 GW of new offshore wind capacity, taking the global total of 75.2 GW, an increase of 24 per cent on the previous year, accordingly to a study by the Global Wind energy Council ([EconomicTimes](#))

India's LNG resurgence may be short-circuited by rising costs of spot fuel

Prices of the Asian spot LNG benchmark went above the oil-indexed term contracts for the first time this week since December, with Platts' JKM (Japan-Korea Marker) index surging more than 60 per cent since early March, driven by demand growth in Asia ([BusinessStandard](#))

Emerging technology trends in solar energy sector

India is witnessing a significant transformation in the energy sector, with solar energy taking center stage. This shift is driven by technological advancements and a commitment to sustainable development. One of the most innovative trends is the development of floating solar plants ([SundayGuardian](#))

DERC releases draft regulation for green power obligations on discoms

The DERC has released its draft regulations for renewable purchase obligation (RPO), mandating a 29.91 per cent green energy purchase this year for all stakeholders, including discoms, officials said on Monday. RPOs mandate all electricity distribution licensees to purchase energy from renewable sources ([EconomicTimes](#))

International News

Adani's Wind Power Project in Sri Lanka Hits Rough Weather

Indian billionaire Gautam Adani's Adani Group is also developing a \$700-million container terminal at the strategically located Colombo Port. While Adani's projects have faced setbacks and criticism previously, the litigation against Adani Green Energy is the first legal challenge facing the formidable Adani Group in Sri Lanka ([TheDiplomat](#))

Reports

Moody's Research & Ratings