



## Power Supply Position

9<sup>th</sup> June '24

	Jun' 23	Jun' 24		Jun' 23	Jun' 24
Energy Met (MU)	4,913	4,847	Max Demand (MW)	223,235	217,242
Energy Shortage (MU)	10.65	2.03	Solar Hour Peak (MW)	223,235	213,293
Generation Outage (MW)	39,079	38,965	Evening Peak (MW)	206,367	204,037
Frequency (49.9-50.05)	69.37%	80.20%	Peak Shortage (MW)	189	0

## Non Fossil Generation (MU)

% Total Generation

23'-24.18% 24'-25.05%

Hydro

Solar

Wind

Nuclear

Others

Jun' 23	Jun' 24
405	435

Jun' 23	Jun' 24
332	373

Jun' 23	Jun' 24
410	310

Jun' 23	Jun' 24
106	141

Jun' 23	Jun' 24
28	64

\* Note: Others include Biomass Generation

## Cross-Border Trades (MU)

Bhutan

2.20

Nepal

-3.60

Bangladesh

-23.70

Godda – Bangladesh

-31.50

Myanmar

0.00

Source: Grid India

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

## Collective Transactions

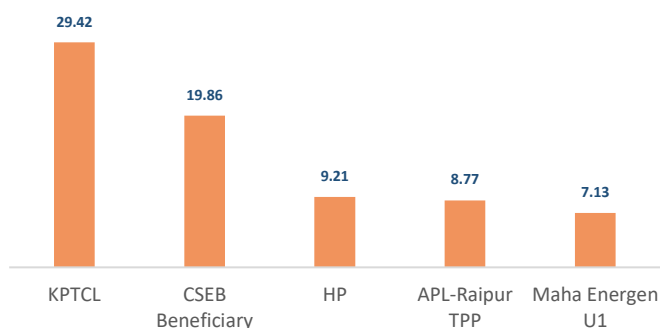
DAM

G-DAM

RTM

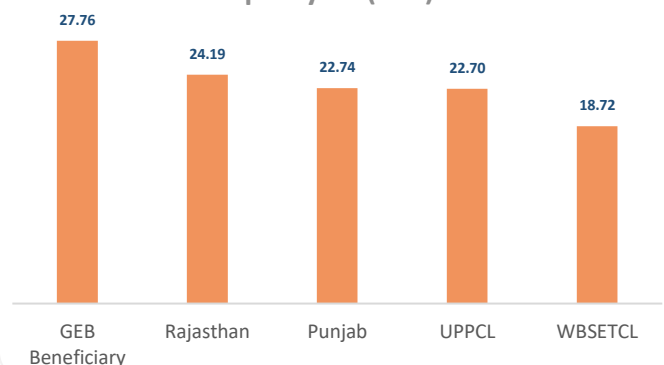
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	253.57	0	0	60.47	0	0	175.28	0	0
Sell Bid (MU)	308.44	0	0	59.45	0	0	281.72	0	0
MCV (MU)	155.92	0	0	23.23	0	0	134.21	0	0
Avg. MCP – 24' (₹/KWh)	4.82	0	0	4.82	0	0	4.24	0	0
Avg. MCP – 23' (₹/KWh)	6.55	0	0	6.37	0	0	6.12	0	0
Wt. Avg. MCP (₹/KWh)	4.55	0	0	3.79	0	0	3.66	0	0

## Top Sellers (MU)



Source: IEX, HPX, PXIL

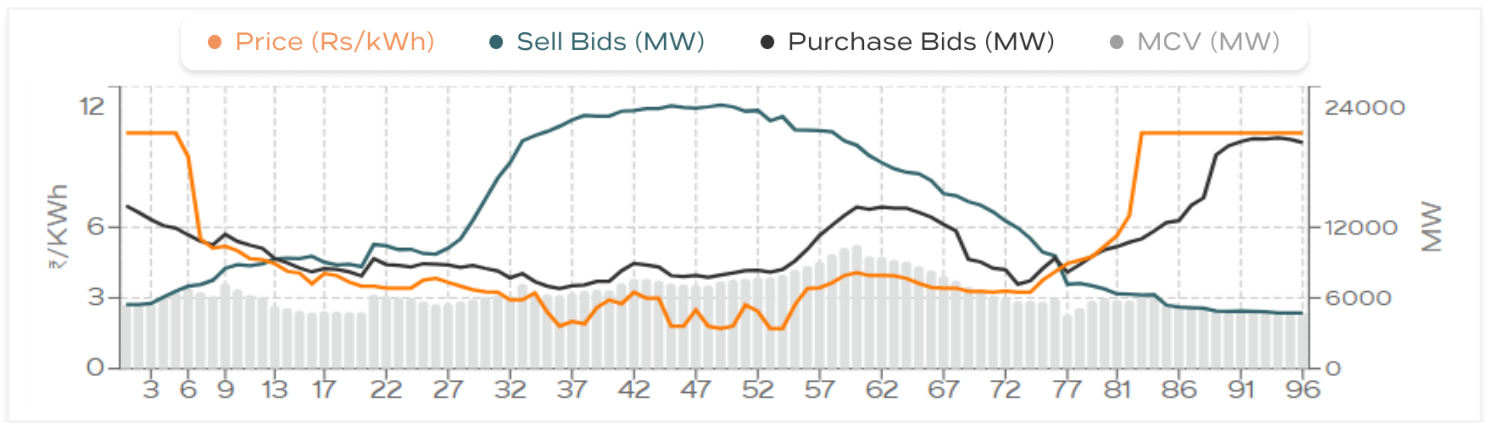
## Top Buyers (MU)





## Day-Ahead Market (10<sup>th</sup> Jun'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	19,589.9	22,397.6	10,500.53	10.00
Minimum	6,801.5	4,724.8	4,600.2	1.69
Average	10,565.56	12,851.87	6,496.72	4.82



## Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
NPCL	HPX	50	18-30 Jun'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	HPX	50	01-15 Jul'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	HPX	50	16-31 Jul'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	HPX	125	01-31 Aug'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	PXIL	40	12-30 Jun'24	08:00-13:00	7 <sup>th</sup> Jun'24
NPCL	PXIL	50	18-30 Jun'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	PXIL	50	01-15 Jul'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	PXIL	50	16-31 Jul'24	00:00-24:00	7 <sup>th</sup> Jun'24
NPCL	PXIL	50	01-31 Aug'24	00:00-24:00	7 <sup>th</sup> 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	
NPCL (Solar)	IEX	12-30 Jun'24	As per Seller	200	200	0	NA

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

## NEWS FLASH (8<sup>th</sup>-10<sup>th</sup> June)

### Tenders and Projects

#### Adani Green Energy to invest over \$1 billion in Sri Lankan wind projects

Adani Green Energy will invest over 1 billion USD in wind energy projects in Sri Lanka, creating the island's largest renewable energy project and power project with a total capacity of 484 MW ([EconomicTimes](#))

#### NTPC awards RVNL a whopping Rs 495-cr order

India's Rail Vikas Nigam (RVNL) received a contract from NTPC for completing civil and hydro-mechanical works of the Rammam hydroelectric project in West Bengal. The project, aimed at sustainable energy, includes constructing three 40 MW units over 66 months ([Construction Week](#))

#### JSW Energy begins construction as part of its foray into battery storage services

JSW Energy has started building a 1.0 GWh Battery Energy Storage Project, set to be completed by June 2025, and is expanding its green hydrogen and steel projects. The company aims for 20 GW generation and 40 GWh storage capacity by 2030 ([ZeeBusiness](#))

#### Siegwerk inaugurates solar facility in Rajasthan

Siegwerk inaugurated a solar power plant in Jaisalmer, Rajasthan, projected to produce 2,028,000 kWh annually, cutting carbon emissions by 1,843 tonnes yearly. This plant will meet the energy needs of Siegwerk's Bhiwadi site ([RenewableWatch](#))

#### IIT-Jodhpur develops a special adaptor to charge EVs using solar panels

IIT-Jodhpur developed a solar adaptor for electric vehicles, enabling charging from rooftop solar systems, likely priced below Rs 1,000. The adaptor aims to enhance EV charging infrastructure, with successful prototype testing completed ([BusinessStandard](#))

#### Nepal: 900 MW hydropower project constructed with Indian assistance

Nepal's Arun III Hydropower Project, aided by Indian assistance, achieved a breakthrough in its main tunnel, nearing completion at 75%. Once operational, it's expected to generate 3,924 million units annually, contributing to regional sustainable development ([CurrentAffairs](#))

### Events

Trans Tech India - 7<sup>th</sup> Oct '24

India Renewables Summit - 25<sup>th</sup> Jul '24

### Insights

#### Inox Wind incorporates four subsidiaries to expand its capabilities in wind power across India

Inox Wind formed four subsidiaries to develop wind farms across India and reported a Rs 36.72 crore profit for Q4, transitioning to 3 MW WTG supplies and reducing debt ([EconomicTimes](#))

#### India's renewable energy projects face financial headwinds from copper volatility

Amid rising copper prices, a crucial material for power equipment, India's renewable energy sector faces increased costs and budgeting challenges, according to industry sources ([EconomicTimes](#))

#### Domestic open access solar capacity addition doubles to 1.8 GW in Jan-Mar: Mercom

India's solar open access installations doubled to 1.8 GW in Q1 2024, driven by lower module costs and reduced PPA prices, reaching a cumulative capacity of 14.3 GW. Rajasthan led the growth, contributing 28% of new capacity ([ZeeBusiness](#))

#### SECI invites bids for an annum supply of 539,000 metric tonnes of green ammonia

SECI invites bids for 5.39 lakh MT annual supply of green ammonia under NGHM's SIGHT Programme, aimed at promoting green hydrogen production in India. MNRE's initiative targets significant decarbonization and self-reliance in clean energy ([BusinessStandard](#))

#### Ola Cell Tech zeroes in on suppliers for batteries, to invest Rs 2,249 cr

Ola Cell Technologies secures key suppliers like Umicore for lithium-ion battery production, investing INR 2,249 Cr for a 5 GWh capacity in the first phase by October, with plans for a total 20 GWh capacity ([Inc42](#))

### International News

#### International support rises for the Ukrainian energy sector and infrastructure rehabilitation

Macron commits €200M, €60M for energy, to aid Ukraine's infrastructure; KfW offers €30M for the Lviv substation, while Estonia adds €400,000 to aid fund ([MSN](#))

### Reports

COP28 Tripling Renewable Capacity Pledge