



## Power Supply Position

27<sup>th</sup> May'24

	May' 23	May' 24		May' 23	May' 24
Energy Met (MU)	4,296	5,121	Max Demand (MW)	194,797	232,615
Energy Shortage (MU)	6.50	4.19	Solar Hour Peak (MW)	192,092	232,615
Generation Outage (MW)	59,700	40,854	Evening Peak (MW)	190,373	220,251
Frequency (49.9-50.05)	59.67%	82.81%	Peak Shortage (MW)	679	151

### Non Fossil Generation (MU) % Total Generation 23'-28.24% 24'-29.76%

Hydro

Solar

Wind

Nuclear

Others

May' 23	May' 24	May' 23	May' 24	May' 23	May' 24	May' 23	May' 24	May' 23	May' 24
470	510	318	372	371	593	113	133	29	34

\* Note: Others include Biomass Generation

### Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda – Bangladesh

Myanmar

8.10

-3.40

-11.70

-17.8

0.00

Source: Grid India

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

### Collective Transactions

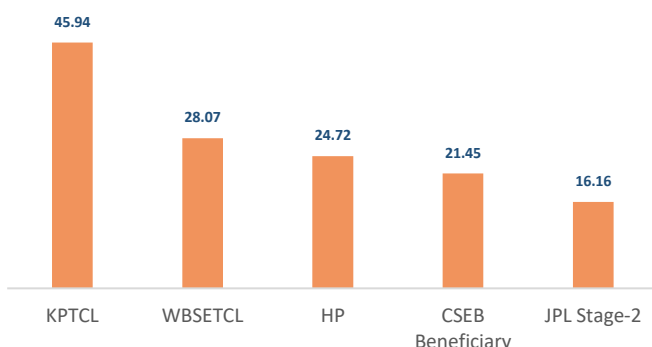
DAM

G-DAM

RTM

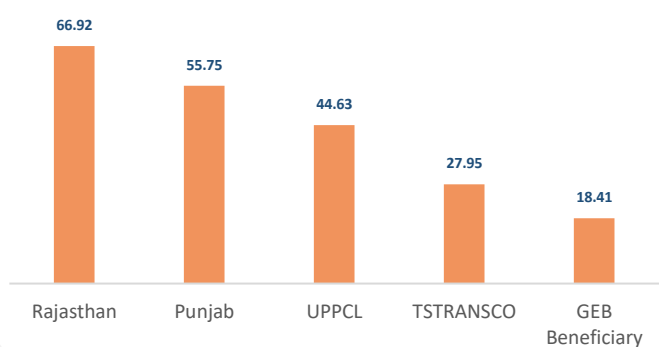
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	239.84	0	0	64.18	0	0	155.54	0	0
Sell Bid (MU)	345.01	0	0	47.97	0	0	268.54	0	0
MCV (MU)	168.85	0	0	23.68	0	0	125.84	0	0
Avg. MCP – 24' (₹/KWh)	4.62	0	0	4.97	0	0	3.63	0	0
Avg. MCP – 23' (₹/KWh)	3.65	0	0	3.66	0	0	4.57	0	0
Wt. Avg. MCP (₹/KWh)	4.31	0	0	3.81	0	0	3.87	0	0

### Top Sellers (MU)



Source: IEX, HPX, PXIL

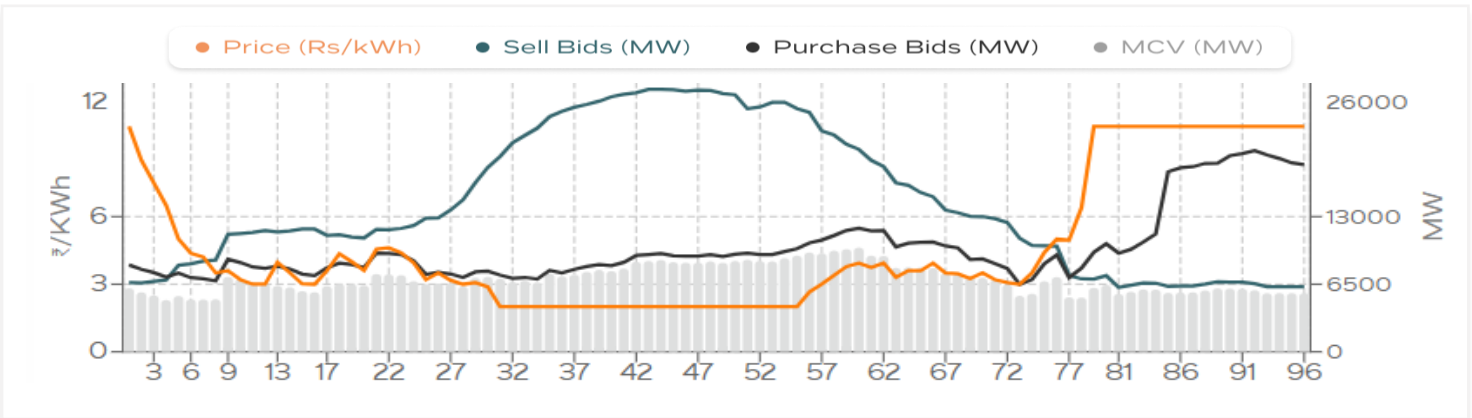
### Top Buyers (MU)





## Day-Ahead Market (28<sup>th</sup> May'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	19,341.5	25,241.9	10,012.6	10.00
Minimum	6,479.4	6,184	4,986.4	1.99
Average	9,993.4	14,375.26	7,035.24	4.62



Source: IEX

## Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
UPCL	IEX	100	01-30 Jun'24	00:00-24:00	27 <sup>th</sup> May'24
TNGDCL	PXIL	300	03-30 Jun'24	00:00-02:00	27 <sup>th</sup> May'24
TNGDCL	PXIL	300	03-30 Jun'24	18:00-24:00	27 <sup>th</sup> May'24

Note: HPX, DEEP— No Notices

## Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
NPCL	HPX	01-30 Jun'24	19:00-24:00	300	175	125	9.97
NPCL	HPX	01-30 Jun'24	00:00-5:00	300	175	125	9.97

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

## NEWS FLASH

### Tenders and Projects

#### **Gujarat declares winners of 479 MW solar projects under PM-KUSUM**

The scheme is set to be operational by the end of 2024. Winners include Onix Renewable (187.4 MW) and others, with projects across 170 locations and PPAs signed with Paschim Gujarat Vij Limited ([Powerline](#))

#### **RRTS corridor stations and depots get solar panels**

NCRTC has installed solar panels on stations, depots, and substations of the Delhi-Ghaziabad-Meerut RRTS corridor, generating 2.21 MWp in-house and saving 2,300 tons of CO<sub>2</sub> annually ([TOI](#))

#### **RIL & Nel enter agreement to increase new energy investments**

Reliance Industries Ltd (RIL) partnered with Norway's Nel ASA to boost its green hydrogen production, securing an exclusive license to use and manufacture Nel's alkaline electrolyzers in India and for internal global use ([EconomicTimes](#))

#### **MNRE adds new solar module capacity**

The MNRE has added 3,508 MW of new solar module capacity to the Approved List of Models and Manufacturers (ALMM), bringing the total to 47,971 MW ([Mercom](#))

#### **MERC proposes a draft For grid-interactive rooftop renewable energy systems**

Maharashtra's new amendment for Grid Interactive Rooftop Renewable Energy Systems promotes individual and collective setups, including virtual net metering, and simplifies installations up to 10 kW, targeting 5,000 MW of rooftop solar capacity ([SolarQuarter](#))

#### **Army collaborates with IOCL for green, sustainable transport solutions**

The Indian Army and IOCL have signed an MoU to introduce green transport solutions, starting with a hydrogen fuel cell bus. This partnership highlights their commitment to innovation and zero-emission technology ([EconomicTimes](#))

### Events

India Net Zero Forum – 14<sup>th</sup> Jun '24  
Energy Leadership Summit- 25<sup>th</sup> Sep '24

### Insights

#### **REnergy Dynamics ventures into renewable energy**

REnergy Dynamics has entered the renewable energy sector, aiming for a Rs 5,000 crore order book by 2029. Currently, it has projects worth Rs 575 crore in progress across four key focus areas ([EconomicTimes](#))

#### **Zypp Electric raises millions in ongoing series C round led by ENEOS**

Zypp Electric raised \$15 million in Series C funding led by ENEOS Corporation to expand its fleet to 200,000 electric scooters and extend services to 15 cities by 2026 ([EconomicTimes](#))

#### **NTPC asks for pooling of its entire capacity for power supply to distribution companies**

NTPC suggests pooling its entire capacity for power sale to discoms to ensure a steady supply, citing operational flexibility challenges. Central Electricity Authority evaluates the potential impact on electricity tariffs amid proposals for distribution companies ([EconomicTimes](#))

#### **India may add 25 GW installed wind capacity by FY27**

Suzlon expects India to add 25 GW of wind capacity in the next three years, with current capacity at 46 GW, constituting 10% of total capacity. The government awarded 12 GW of bids in the first four months of 2024, with 5 GW under submission ([TOI](#))

#### **Need for public-private partnerships in climate change adaptation**

Multi-stakeholder collaboration is crucial for addressing the climate crisis, as the scale of efforts required for adaptation necessitates collective action involving government, business, and civil society. No single entity can tackle the crisis alone; cooperation is essential for meaningful results ([EconomicTimes](#))

### International News

#### **Vietnam seeks China's expertise in power sector transformation**

Deputy Prime Minister Tran Hong Ha discussed energy cooperation with CPECC Chairman Luo Bi Xiong, aiming to enhance collaboration on renewable energy projects and streamline electricity transmission operations ([VietnamPlus](#))

### Reports

Powering India's Energy Vision 2030