



## Power Supply Position

21<sup>st</sup> May'24

	May' 23	May' 24		May' 23	May' 24
Energy Met (MU)	4,602	5,075	Max Demand (MW)	207,935	233,806
Energy Shortage (MU)	4.67	9.47	Solar Hour Peak (MW)	207,935	233,806
Generation Outage (MW)	40,231	27,469	Evening Peak (MW)	194,011	218,897
Frequency (49.9-50.05)	74.26%	80.30%	Peak Shortage (MW)	245	1,185

## Non Fossil Generation (MU) % Total Generation

23'-22.92% 24'-22.42%

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
405	490	324	399	267	168	109	140	36	38

\* Note: Others include Biomass Generation

## Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda – Bangladesh

Myanmar

2.50

-9.20

-22.80

-15.40

0.00

Source: Grid India

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

## Collective Transactions

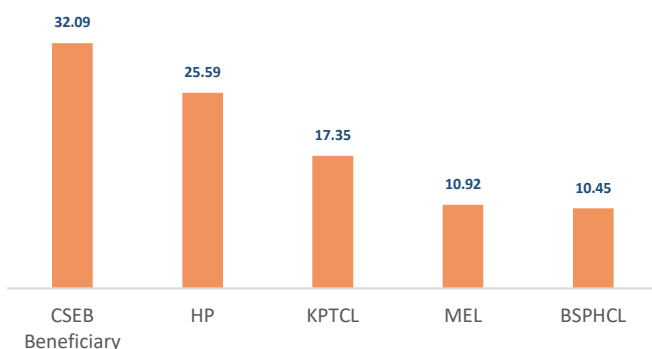
DAM

G-DAM

RTM

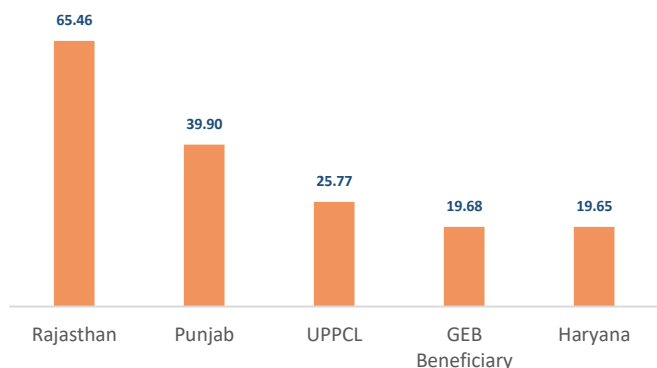
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	233.95	0	0	56.65	0	0	231.38	0	0
Sell Bid (MU)	303.25	0	0	25.67	0	0	197.73	0	0
MCV (MU)	159.47	0	0	19.55	0	0	96.93	0	0
Avg. MCP – 24' (₹/KWh)	5.27	0	0	5.64	0	0	5.03	0	0
Avg. MCP – 23' (₹/KWh)	5.62	0	0	6.37	0	0	5.01	0	0
Wt. Avg. MCP (₹/KWh)	4.95	0	0	4.05	0	0	4.55	0	0

## Top Sellers (MU)



Source: IEX, HPX, PXIL

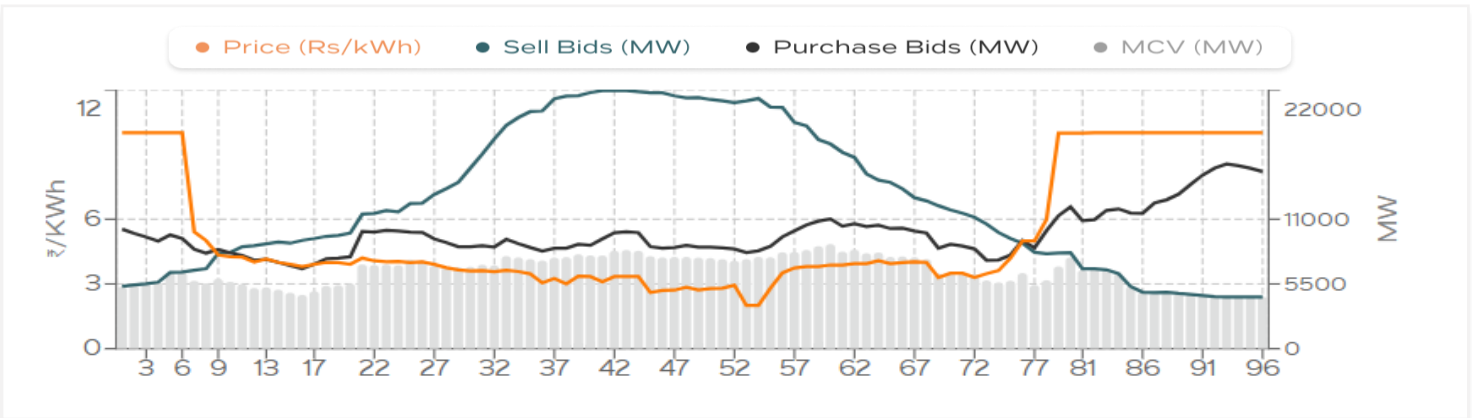
## Top Buyers (MU)





## Day-Ahead Market (22<sup>nd</sup> May'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	15,692.8	21,953.2	8,898.4	10.00
Minimum	6,784.2	4,395.5	4,395.47	2.00
Average	9,747.94	12,635.48	6,644.7	5.27



Source: IEX

## Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
NPCL	IEX	100	22-31 May'24	15:00-25:00	17 <sup>th</sup> May'24
NPCL	IEX	140	01-30 Jun'24	13:00-24:00	17 <sup>th</sup> May'24
NPCL	IEX	140	01-30 Jun'24	00:00-05:00	17 <sup>th</sup> May'24
NPCL	IEX	90	22-31 May'24	00:00-05:00	17 <sup>th</sup> May'24

Note: IEX, PXIL, 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	00:00-05:00	80	40	40	10.00
NPCL	HPX	01-30 Jun'24	17:00-24:00	80	40	40	10.00
NPCL	HPX	22-31 May'24	00:00-05:00	90	80	10	7.59-10.00
NPCL	HPX	22-31 May'24	15:00-24:00	100	90	10	7.59-10.00
NPCL	HPX	01-30 Jun'24	00:00-05:00	140	25	115	8.98-9.99
NPCL	HPX	01-30 Jun'24	13:00-24:00	140	25	115	8.27
NPCL	PXIL	22-31 May'24	15:00-24:00	100	100	0	NA
NPCL	PXIL	22-31 May'24	00:00-05:00	90	90	0	NA

Note: IEX, DEEP— No Results

## NEWS FLASH

### Tenders and Projects

#### Orb Energy launches 35 MW solar park

Orb Energy has launched a 35 MW solar park in Arsikere, Karnataka, aimed at reducing SME energy costs and CO2 emissions. The initiative is part of a larger plan to develop 400 MW of solar parks for SMEs across India by decade's end ([EconomicTimes](#))

#### Tata Power-DDL & India Smart Grid Forum sign MoU

Tata Power Delhi Distribution Limited has partnered with the India Smart Grid Forum to launch a Vehicle-to-Grid (V2G) Technology Demonstration Project, aiming to integrate EVs with the grid for sustainable energy solutions ([EconomicTimes](#))

#### Banka gets 50MW solar power plant

Bihar commissioned a new 50 MW solar power plant in Banka district, raising its total solar capacity to 181.1 MW. This marks a significant step in enhancing the state's green energy portfolio ([TOI](#))

#### Juniper Green Energy illuminates Maharashtra with the new solar plant

Juniper Green Energy commissioned the 75 MW Jalkot Solar Project in Maharashtra, expected to generate 200 MUs annually and offset 1,78,569 tCO2, benefiting around 38,085 households ([SolarQuarter](#))

#### DGVCL's 212.0 MW solar power initiative to empower Gujarat's agricultural feeders

Dakshin Gujarat Vij Company Limited (DGVCL) is solarizing 11 KV feeders across its network under the PM KUSUM scheme by setting up 112 solar power plants with a combined capacity of 212 MW ([SolarQuarter](#))

### Insights

#### IREDA eyes FPO to raise capital for green energy projects

IREDA plans an FPO and perpetual loans to fund renewable energy projects, supplementing its ₹24,200 crore borrowing plan for FY25 ([EconomicTimes](#))

#### Tangedco to buy power for ₹2,755cr to tackle demand

Chennai's power demand has normalized after summer showers reduced temperatures, but Tangedco spent ₹2,755 crore on 3,286 million units of power through short-term agreements to address the summer power crisis ([TOI](#))

#### India set to boost wind energy capacity to 25 GW by 2028, with ₹2 lakh crore investment

Wind power capacity growth is driven by the need for renewable energy that offers grid balancing and continuous power supply, unlike solar power which is limited to daylight hours ([EconomicTimes](#))

#### Chhattisgarh State Electricity Regulatory Commission sets tariffs

The CSERC issued a draft order setting tariffs for various renewable energy technologies for FY 2024-25, including solar PV, small hydro, and biogas projects ([SolarQuarter](#))

### International News

#### Siemens Energy Egypt service centre launches solar power plant in SCZone

Siemens Energy launched a 1.9 MW solar plant at its Egypt Service Center in the Suez Canal Economic Zone, covering 90% of the site's power needs annually, aligning with Egypt's renewable energy goals ([DailynewsEgypt](#))

### Reports

Integrating Renewables in the Indian Power System

### Events

Windergy India 2024- 23<sup>rd</sup> Oct '24

Transmission and Distribution Conclave - 13<sup>th</sup> Jun '24