



## Power Supply Position

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

	May' 23	May' 24		May' 23	May' 24
Energy Met (MU)	4,357	5,408	Max Demand (MW)	201,431	246,069
Energy Shortage (MU)	22.89	3.26	Solar Hour Peak (MW)	201,431	246,069
Generation Outage (MW)	48,647	32,688	Evening Peak (MW)	189,329	227,354
Frequency (49.9-50.05)	61.74%	73.34%	Peak Shortage (MW)	2,341	203

## Non Fossil Generation (MU) % Total Generation

23'-21.71% 24'-29.85%

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
446	555	303	409	135	603	113	132	28	36

\* Note: Others include Biomass Generation

## Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda – Bangladesh

Myanmar

13.90

0.00

-22.00

-22.60

0.00

Source: Grid India

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

## Collective Transactions

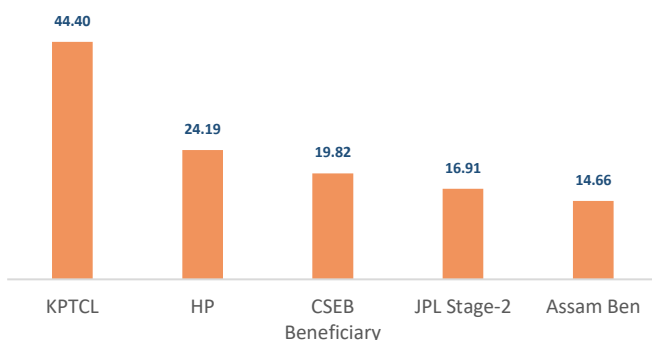
DAM

G-DAM

RTM

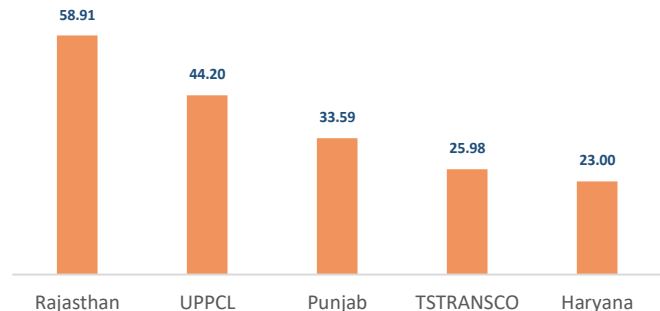
	IEX	HPX	PXIL	IEX	HPX	PXIL	IEX	HPX	PXIL
Purchase Bid (MU)	299.97	0	0	74.01	0	0	196.34	0	0
Sell Bid (MU)	337.33	0	0	39.61	0	0	214.33	0	0
MCV (MU)	180.40	0	0	28.00	0	0	119.40	0	0
Avg. MCP – 24' (₹/KWh)	5.00	0	0	5.35	0	0	5.05	0	0
Avg. MCP – 23' (₹/KWh)	5.44	0	0	5.32	0	0	5.26	0	0
Wt. Avg. MCP (₹/KWh)	4.65	0	0	3.34	0	0	4.89	0	0

## Top Sellers (MU)



Source: IEX, HPX, PXIL

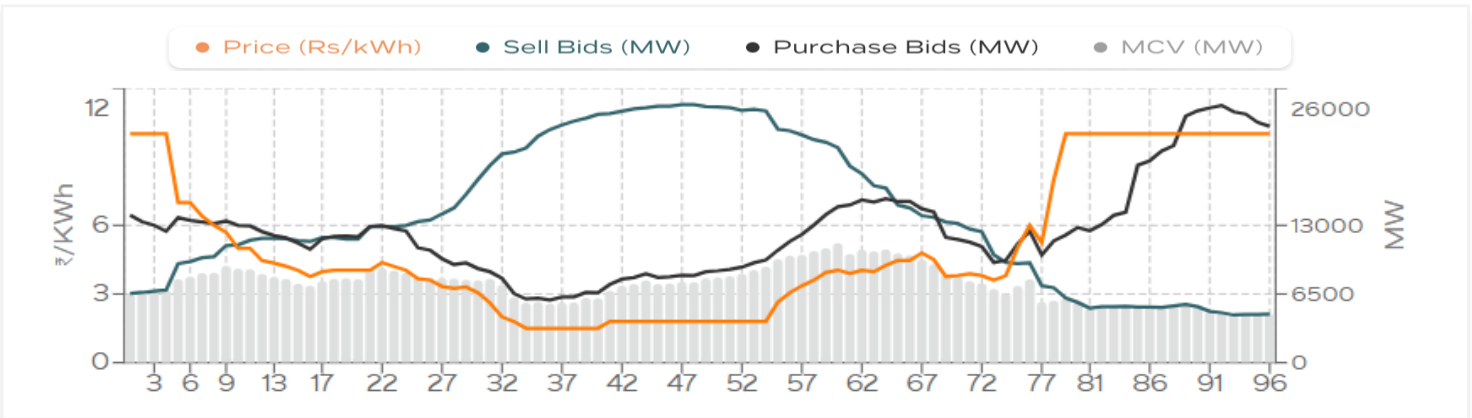
## Top Buyers (MU)





## Day-Ahead Market (30<sup>th</sup> May'24) — IEX

	Purchase Bid (MW)	Sell Bid (MW)	MCV (MW)	MCP (₹/KWh)
Maximum	24,369	24,440.1	11,302.9	10.00
Minimum	5,938.8	4,510.3	4,510.3	1.49
Average	12,498.63	14,055.56	7,516.68	4.99



Source: IEX

## Reverse Auction Notices

Buyer	Channel	Buy Quantity (MW)	Delivery Date	Time Period	RA Date
APDCL	IEX	100	01-30 Jun'24	00:00-03:00	29 <sup>th</sup> May'24
APDCL	IEX	100	01-30 Jun'24	15:00-24:00	29 <sup>th</sup> May'24

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

## Reverse Auction Results

Buyer	Channel	Delivery Date	Time period	Quantity (MW)			Price (₹/KWh)
				Buy	Unallocated	Allocated	
UPPCL	IEX	01-30 Jun'24	00:00-05:00	500	378	122	9.95
UPPCL	IEX	01-30 Jun'24	19:00-24:00	500	378	122	9.95
APDCL	IEX	01-30 Jun'24	00:00-03:00	100	0	100	7.47
APDCL	IEX	01-30 Jun'24	15:00-24:00	100	0	100	7.47

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



## NEWS FLASH

### Tenders and Projects

#### Suzlon Group bags wind energy project from Aditya Birla Group

Suzlon Group has secured a 551.25 MW wind power project order from Aditya Birla Group to be executed in Rajasthan and Gujarat, with 175 Wind Turbine Generators to be installed and maintained by Suzlon ([BusinessStandard](#))

#### Avaada Energy secures solar project in Karnataka

Avaada Energy secured Rs 315 crore from Aseem Infrastructure Finance for a captive solar project in Karnataka, developed under a long-term PPA with Karnataka Cooperative Milk Producers' Federation Ltd. This 21-year project loan underscores Avaada's strong project financing capability ([EconomicTimes](#))

#### Power Mech Projects bags order worth Rs 563 cr

Power Mech Projects (PMPL) secured a Rs 563 crore contract from BHEL to construct a nuclear power plant in Karnataka, marking its entry into the nuclear power sector. The 32-month project includes civil, structural, and architectural works for the Kaiga Atomic Power Project ([EconomicTimes](#))

#### BHEL signs technology transfer agreement with BARC for electrolyser system

BHEL signed a technology transfer agreement with BARC for a 50 kW alkaline electrolyser system to aid hydrogen production, aiming to scale and commercialize the technology ([EconomicTimes](#))

#### CERC notifies CERC Regulations, 2024

The CERC has issued new regulations for granting transmission licenses, requiring selection through competitive bidding or by the Central Government. Licenses will last 25 years and renew automatically for another 25 years unless revoked earlier ([PowerLine](#))

### Events

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

### Insights

#### Jakson Green secures funding from HSBC India

Jakson Green secured Rs 60 crore funding from HSBC India to support its renewable energy business and global expansion. This funding emphasizes Jakson Green's commitment to ESG responsibilities and sustainable growth ([EconomicTimes](#))

#### Delhi breaches 8,300 MW mark for the first time as power demand soars

Delhi's peak power demand hit a record 8,302 MW amid the city's highest-ever temperature of 52.3°C on Wednesday. Discoms successfully met the demand, highlighting the robustness of Delhi's power distribution network ([BusinessStandard](#))

#### India's reliance on gas-based power in summer months likely to reduce in the long term

India's reliance on gas-based power to meet peak summer demands may decrease in the long term, according to the Institute for Energy Economic and Financial Analysis (IEEFA) ([EconomicTimes](#))

#### HPCL and Oil India sign MoU to explore the energy sector

HPCL and OIL India Ltd. signed an MoU to explore new business opportunities in energy sectors including Oil & Gas, Renewable Energy, and Green Hydrogen ([PSUConnect](#))

#### MNRE Exempts SEZ and EOU renewable energy plants from ALMM requirements

MNRE grants exemption for RE plants within SEZs or EOUs supplying power to green hydrogen units from ALMM regulations, aiming to boost renewable energy and green hydrogen production by 2030 ([EconomicTimes](#))

### International News

#### Streamlining new renewable energy generation to the grid

ARENA funds GridWise for a self-validation platform, easing grid integration for solar and wind energy in Australia. DMV Tool streamlines connection processes, aiming for faster renewable energy adoption ([ARENA](#))

### Reports

Green Hydrogen: Enabling Measures Roadmap for Adoption in India