



Power Supply Position

20th May'24

| | May' 23 | May' 24 | | May' 23 | May' 24 |
|------------------------|---------|---------|----------------------|---------|---------|
| Energy Met (MU) | 4,788 | 4,995 | Max Demand (MW) | 217,155 | 228,719 |
| Energy Shortage (MU) | 5.26 | 0.24 | Solar Hour Peak (MW) | 217,155 | 228,719 |
| Generation Outage (MW) | 35,937 | 29,581 | Evening Peak (MW) | 204,160 | 212,434 |
| Frequency (49.9-50.05) | 73.90% | 82.12% | Peak Shortage (MW) | 448 | 11 |

Non Fossil Generation (MU) % Total Generation 23'-22.49% 24'-23.25%

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 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 431 | 480 | 324 | 374 | 249 | 227 | 115 | 141 | 44 | 38 |

* Note: Others include Biomass Generation

Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godda – Bangladesh

Myanmar

3.10

-8.30

-22.80

-15.00

0.00

Source: Grid India

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

Collective Transactions

DAM

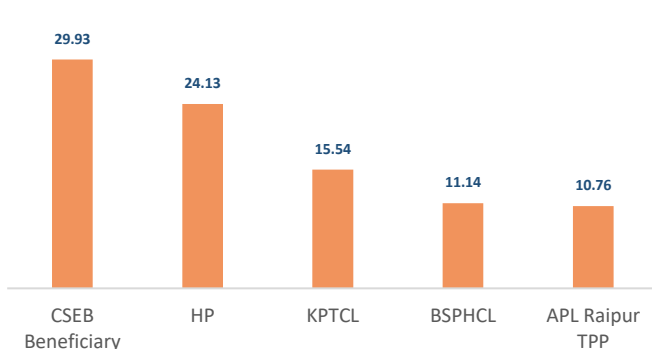
G-DAM

RTM

| | IEX | HPX | PXIL | IEX | HPX | PXIL | IEX | HPX | PXIL |
|------------------------|--------|-----|------|-------|-----|------|--------|-----|------|
| Purchase Bid (MU) | 252.17 | 0 | 0 | 53.98 | 0 | 0 | 138.84 | 0 | 0 |
| Sell Bid (MU) | 283.15 | 0 | 0 | 24.17 | 0 | 0 | 205.86 | 0 | 0 |
| MCV (MU) | 154.43 | 0 | 0 | 15.64 | 0 | 0 | 95.15 | 0 | 0 |
| Avg. MCP – 24' (₹/KWh) | 5.55 | 0 | 0 | 5.80 | 0 | 0 | 4.28 | 0 | 0 |
| Avg. MCP – 23' (₹/KWh) | 6.57 | 0 | 0 | 6.39 | 0 | 0 | 7.73 | 0 | 0 |
| Wt. Avg. MCP (₹/KWh) | 4.99 | 0 | 0 | 4.40 | 0 | 0 | 4.51 | 0 | 0 |

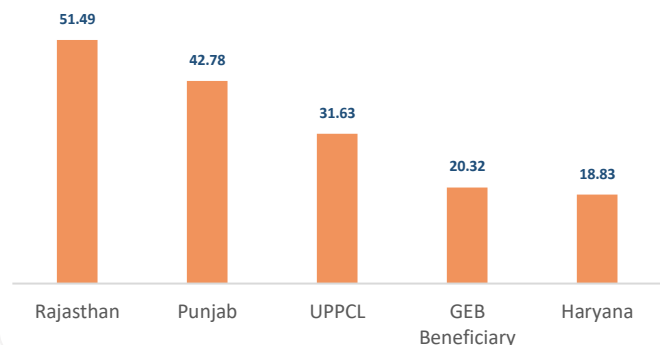
Note: Avg. MCP – 23' (₹/KWh) is for 20th May

Top Sellers (MU)



Source: IEX, HPX, PXIL

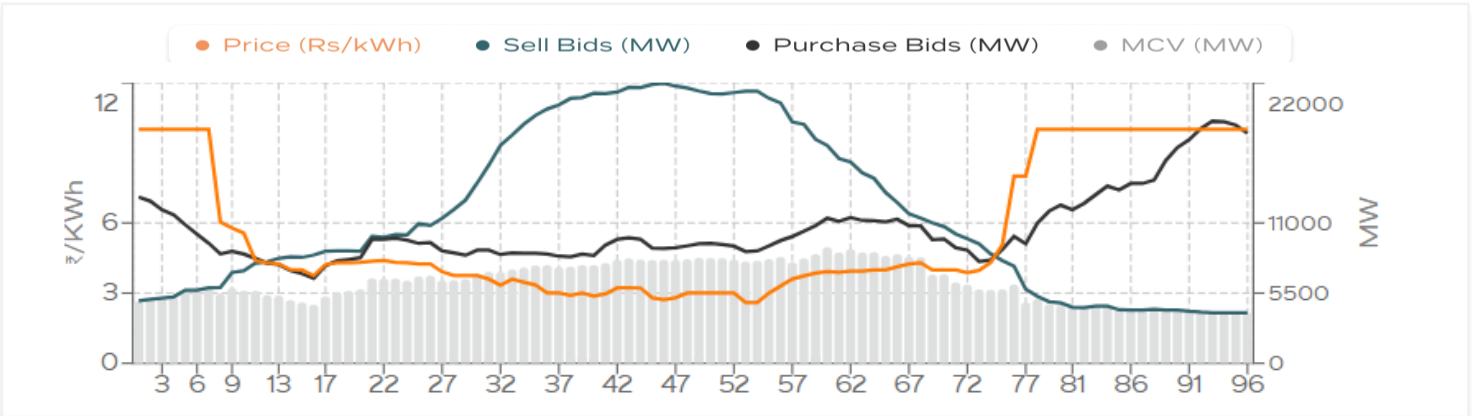
Top Buyers (MU)





Day-Ahead Market (21st May'24) — IEX

| | Purchase Bid (MW) | Sell Bid (MW) | MCV (MW) | MCP (₹/KWh) |
|---------|-------------------|---------------|----------|-------------|
| Maximum | 18,998.9 | 21,937.8 | 9,113.9 | 10.00 |
| Minimum | 6,667.4 | 3,947.6 | 3,947.59 | 2.59 |
| Average | 10,507.22 | 11,797.92 | 6,434.59 | 5.55 |



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 th May'24 |
| NPCL | IEX | 140 | 01-30 Jun'24 | 13:00-24:00 | 17 th May'24 |
| NPCL | IEX | 140 | 01-30 Jun'24 | 00:00-05:00 | 17 th May'24 |
| NPCL | IEX | 90 | 22-31 May'24 | 00:00-05:00 | 17 th 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 | IEX | 22-31 May'24 | 00:00-05:00 | 90 | 0 | 90 | 7.59 |
| NPCL | IEX | 22-31 May'24 | 15:00-24:00 | 100 | 0 | 100 | 7.59 |
| JNPT | DEEP | 01 Jul'24-30 Jun'25 | 00:00-24:00 | 2 | 0 | 2 | 7.75 |

Note: HPX, PXIL, IEX, DEEP—No Results



NEWS FLASH

Tenders and Projects

Travancore Cochin Chemicals issues tender

The Travancore Cochin Chemicals Limited invites tenders for a 22 MW renewable energy power plant under a group captive SPV model via the Kerala government ([SaurEnergy](#))

Tata Steel to make its UK project green

Tata Steel has partnered with National Grid Plc to build power infrastructure for a 3.2 million-ton electric arc furnace at Port Talbot, set to be operational by 2027. This transition to green steel is part of a £1.25 billion investment, supported by the UK government ([EconomicTimes](#))

MNRE Clarifies ALMM Order For Solar PV Modules

The MNRE clarified that the Approved List of Models and Manufacturers (ALMM) Order applies only to solar projects with bid submissions on or after April 10, 2021 ([SolarQuarter](#))

NTPC floats EPC tender for 225 MW solar projects

NTPC Renewable Energy has invited bids for the engineering, procurement, and construction package for 225 MW of grid-connected solar power projects to be set up in Gujarat State Electricity Corporation (GSECL)'s renewable energy park at Khavda ([Mercom](#))

Insights

Brookfield to invest \$500m in India's Leap Green Energy

Brookfield Asset Management will invest \$500 million for a controlling stake in India's Leap Green Energy, boosting its wind energy capacity. This investment comes from Brookfield's \$10 billion global transition fund ([PowerTechnology](#))

More research required for decarbonizing electricity: TERI

India must conduct ongoing studies to clarify decarbonization pathways for the power sector, aiming to decouple electricity production from carbon emissions, according to a TERI paper. ([BusinessLine](#))

Delhi's peak power demand touches a new May high of 7,572 megawatts

Delhi's electricity demand hit a record 7572 MW for May, driven by extreme heat, with projections suggesting it may exceed 8000 MW this summer ([BusinessStandard](#))

International News

Kuwait Oil Company and Ministry ink deal to integrate solar energy

The Kuwait Oil Company has signed an MoU with the Ministry of Electricity, Water, and Renewable Energy to integrate one gigawatt of solar energy into the national grid, aiming for carbon neutrality by 2050 ([ArabTimes](#))

Reports

Delicensing Electricity Distribution in India

Events

India Renewables Summit- 25th Jul '24

Transmission and Distribution Conclave - 13th Jun '24