



## Power Supply Position

24<sup>th</sup> Jun'24

|                        | Jun' 23 | Jun' 24 |                      | Jun' 23 | Jun' 24 |
|------------------------|---------|---------|----------------------|---------|---------|
| Energy Met (MU)        | 4,756   | 5,093   | Max Demand (MW)      | 209,620 | 227,001 |
| Energy Shortage (MU)   | 2.58    | 11.55   | Solar Hour Peak (MW) | 209,620 | 227,001 |
| Generation Outage (MW) | 39,099  | 35,866  | Evening Peak (MW)    | 200,990 | 220,799 |
| Frequency (49.9-50.05) | 77.57%  | 77.82%  | Peak Shortage (MW)   | 209     | 630     |

## Non Fossil Generation (MU)

% Total Generation

Jun 23' 26.78% Jun 24' 24.94%

Hydro

Solar

Wind

Nuclear

Others

| Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 589     | 547     | 272     | 400     | 352     | 321     | 127     | 139     | 33      | 0       |

\* Note: Others include Biomass Generation

## Cross-Border Trades (MU)

Bhutan

Nepal

Bangladesh

Godha –  
Bangladesh

Myanmar

| Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 | Jun' 23 | Jun' 24 |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 21.80   | 26.10   | 5.70    | 5.90    | -25.50  | -24.60  | -18.00  | -8.90   | 0.00    | 0.00    |

Source: Grid India

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

## Collective Transactions

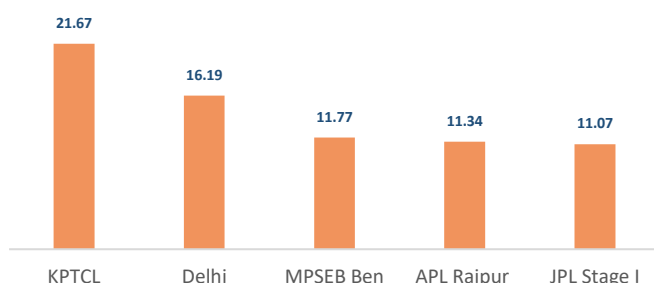
DAM

G-DAM

RTM

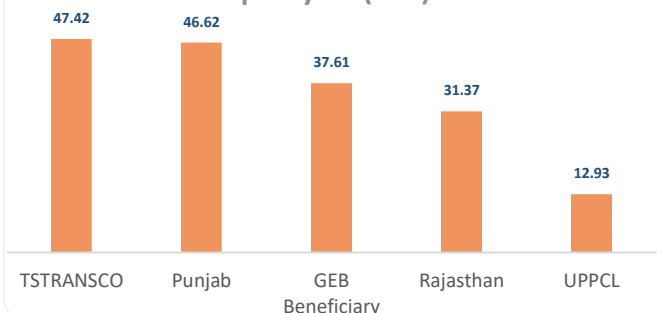
|                            | IEX    | HPX | PXIL | IEX   | HPX | PXIL | IEX    | HPX | PXIL |
|----------------------------|--------|-----|------|-------|-----|------|--------|-----|------|
| Purchase Bid (MU)          | 355.15 | 0   | 0    | 69.94 | 0   | 0    | 234.61 | 0   | 0    |
| Sell Bid (MU)              | 302.61 | 0   | 0    | 57.41 | 0   | 0    | 197.14 | 0   | 0    |
| MCV (MU)                   | 203.74 | 0   | 0    | 24.35 | 0   | 0    | 120.92 | 0   | 0    |
| Wt. Avg. MCP – 24' (₹/KWh) | 6.33   | 0   | 0    | 4.34  | 0   | 0    | 5.37   | 0   | 0    |
| Wt. Avg. MCP – 23' (₹/KWh) | 4.48   | 0   | 0    | 4.41  | 0   | 0    | 3.85   | 0   | 0    |

## Top Sellers (MU)



Source: IEX, HPX, PXIL

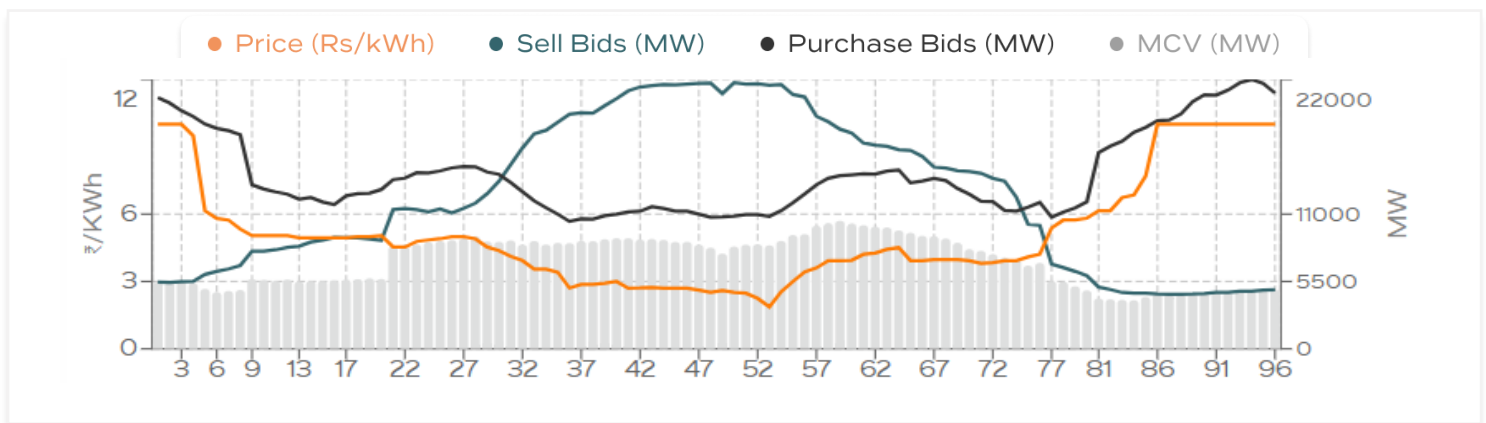
## Top Buyers (MU)





## Day-Ahead Market (25<sup>th</sup> Jun'24) — IEX

|         | Purchase Bid (MW) | Sell Bid (MW) | MCV (MW) | MCP (₹/KWh) |
|---------|-------------------|---------------|----------|-------------|
| Maximum | 23,886.3          | 22,504.7      | 12,598.7 | 10.00       |
| Minimum | 11,005.9          | 4,724.1       | 4,724.09 | 3.42        |
| Average | 14,797.74         | 12,608.81     | 8,489.05 | 6.33        |



Source: IEX

## Reverse Auction Notices

| Buyer | Channel | Buy Quantity (MW) | Delivery Date | Time Period | RA Date                 |
|-------|---------|-------------------|---------------|-------------|-------------------------|
| NPCL  | HPX     | 70                | 06-15 Jul'24  | 00:00-04:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | HPX     | 70                | 06-15 Jul'24  | 19:00-24:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | HPX     | 70                | 16-31 Jul'24  | 00:00-04:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | HPX     | 70                | 16-31 Jul'24  | 19:00-24:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | PXIL    | 70                | 06-15 Jul'24  | 00:00-04:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | PXIL    | 70                | 06-15 Jul'24  | 19:00-24:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | PXIL    | 70                | 16-31 Jul'24  | 00:00-04:00 | 24 <sup>th</sup> Jun'24 |
| NPCL  | PXIL    | 70                | 16-31 Jul'24  | 19:00-24:00 | 24 <sup>th</sup> Jun'24 |

Note: DEEP, IEX – No Notices for today

## Reverse Auction Results

| Buyer | Channel | Delivery Date | Time period | Quantity (MW) |             |           | Price (₹/KWh) |
|-------|---------|---------------|-------------|---------------|-------------|-----------|---------------|
|       |         |               |             | Buy           | Unallocated | Allocated |               |
| NPCL  | IEX     | 24-30 Jun'24  | 19:00-24:00 | 150           | 150         | 0         | NA            |
| NPCL  | IEX     | 24-30 Jun'24  | 00:00-05:00 | 150           | 150         | 0         | NA            |
| NPCL  | PXIL    | 24-30 Jun'24  | 19:00-24:00 | 150           | 150         | 0         | NA            |
| NPCL  | PXIL    | 24-30 Jun'24  | 00:00-05:00 | 150           | 150         | 0         | NA            |

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

## NEWS FLASH

### Tenders and Projects

#### L&T wins order for solar power plant and battery energy storage system

L&T's PT&D has secured a domestic order worth Rs 1,000-2,500 crore to build a 185MW solar PV plant with a 254MWh BESS in Kajra, Bihar, aiding in renewable energy and grid stability. The BESS will store solar energy, manage peak demand, and support grid re-energisation ([EconomicTimes](#))

#### Waaree Energies secures contract for solar project in Rajasthan

Waaree Energies has secured a contract to supply bi-facial solar modules for Acciona Energy's subsidiary Juna Renewable's 412.5 MWp project in Rajasthan, expected to be commissioned by March 2025 ([EconomicTimes](#))

#### Shree Cement's installed power capacity tops 1 GW

Shree Cement Ltd has reached a 1 GW installed power capacity milestone, with 50% from renewables, and aims to use 100% renewable electricity by 2050. The company is expanding its green portfolio and production capacity, setting sustainability benchmarks in the cement industry ([EconomicTimes](#))

#### Eastern Coalfields begins first-ever pilot project in Jharkhand

Eastern Coalfields Ltd, under the Ministry of Coal, has launched its first underground coal gasification pilot project in Jharkhand, aiming to convert in-situ coal into valuable gases for industrial use. This two-phase, two-year project is expected to revolutionize India's coal industry and energy sector ([EconomicTimes](#))

#### Tamil Nadu commission announces draft GEOA regulations

The TNERC has released draft regulations for Green Energy Open Access (GEOA) in 2024, ensuring non-discriminatory access through intra-state and inter-state transmission systems. The regulations outline consumer categories based on usage duration and specify various charges including transmission, wheeling, and banking for green energy consumers ([PowerLine](#))

### Insights

#### High installation cost barrier to adopting solar rooftop power: Report

A survey by Luminous Power Technologies found that high installation costs and lack of skilled workforce are major barriers to rooftop solar adoption in India, with 59% of respondents concerned about the high initial costs ([BusinessStandard](#))

#### Biomass-based Jalkheri power plant recommissioned

Punjab recommissioned a 10MW biomass power plant in Jalkheri village, which will use 1 lakh tonnes of paddy straw annually to combat stubble burning. The plant, leased for 20 years, will sell power to PSPCL at ₹5.77 per unit, saving ₹10 crore over the lease period ([HindustanTimes](#))

#### BSES launches India's largest battery energy storage system

BSES is working on India's first utility-scale standalone BESS at Kilokari substation in south Delhi to provide continuous power supply during outages, approved by DERC ([EconomicTimes](#))

#### Nepal to export 40 MW power to Bangladesh through Indian grid

India and Bangladesh agreed to expand power collaboration, facilitating intra-regional electricity trade, including exporting 40 MW from Nepal to Bangladesh via the Indian grid during Sheikh Hasina's visit ([MSN](#))

### International News

#### China wants EU to scrap EV tariff plans as talks start

Beijing is pressing the EU to halt its plan for up to 38.1% tariffs on Chinese electric vehicles by July 4, citing negotiations and a desire to avoid escalating trade tensions. The EU emphasizes effective remedies for alleged unfair subsidies while Germany urges substantial progress from China ([EconomicTimes](#))

### Reports

Green Hydrogen: Enabling Measures Roadmap for Adoption in India

### Events

India Energy Conclave - 4<sup>th</sup> Sep '24  
Energy Leadership Summit- 25<sup>th</sup> Sep '24