



POWER MARKET UPDATE: MAY'19

DAY AHEAD MARKET TRADES 3,772 MU WITH AVG. MCP AT RS. 3.34 PER UNIT

New Delhi, Thursday, 6 June 2019

According to NLDC data, in May 2019, all India peak demand met reached a new high of 183 GW registering 7% increase over 171 GW peak demand met in May'18.

On all India basis, energy met was 118 BU in May'19, 4% increase over 113 BU in May'18.

The electricity market at IEX – the Day Ahead-Market (DAM) and Term Ahead-Market (TAM) combined traded 4,090 MU saw 21% decline over 5,169 MU traded in May'18 and 6% decline over 4,338 traded in April'19.

DAY-AHEAD MARKET (DAM)

A total of 3,772 MU were traded in DAM in May'19 over 4,005 traded in April'19 registering 6% decline on M-o-M basis and 23% decline on Y-o-Y basis. Among the key reasons for decline in volume is the fact that availability from long term sources was higher in May'19. Hydro, Wind, Solar and Coal generation availability was higher by 31%, 32%, 48% and 2.5% respectively as per the NLDC data. Further, several imported coal plants were fully operational which was not the case last year. Thus, higher availability from long term sources and better domestic coal availability resulted in lower demand for power in the market.

On a daily average basis 122 MU were traded in May'19.

The average Market Clearing Price (MCP) at Rs. 3.34 per unit declined 29% over 4.67 per unit in May'18 mainly on account of reduced demand in the short-term market. The average MCP during different time-periods of the month is as given below:

- Morning (07:00 to 10:00 Hrs): Rs. 2.59 per unit
- Day (11:00 to 17:00 Hrs): Rs. 3.09 per unit
- Evening peak (18:00 to 23:00 Hrs): Rs. 3.92 per unit
- Night (01-06 Hrs and 24 Hrs): Rs. 3.50 per unit
- Daily Average Rs. 3.34 per unit

The day-ahead market experienced occasional transmission congestion towards import of power to Southern States leading to volume loss of 3.76 MU representing 0.10% of the total volume traded in Day Ahead Market.

One Nation, One Price was realized only for 29 days during the month.

On daily average basis 746 participants traded in the market during the month.



TERM-AHEAD MARKET (TAM)

The Term-Ahead Market traded 317 MU in May'19 over 253 MU in May'18 and 332 MU over April'19, saw 25% increase on Y-o-Y basis and 5% decline on M-o-M basis.

RENEWABLE ENERGY CERTIFICATE MARKET (REC)

The REC trading session held on Wednesday, 29 May'19 featured a total trade of 5,50,952 comprising of 4,16,264 Non Solar RECs and 1,34,688 Solar RECs. The trade saw an increase of 145% on M-o-M basis and a decline of 23% on Y-o-Y basis. Both Non-Solar and Solar REC continued to see low supply situation with buy bids exceeding the sell bids due to very low inventory.

The price for Non Solar RECs (Issued after 1.4.17) at Rs. 1,500 increased 15% from Rs. 1,300 in April'19 while the price for Solar RECs at Rs. 2,000 remained the same as in April'19.

ABOUT IEX

IEX is the first and largest power exchange in India. Providing an automated trading platform for physical delivery of electricity, IEX enables efficient price discovery and offers participants the opportunity to trade in electricity contracts, Renewable Energy Certificates (RECs) and ESCerts (Energy Saving Certificates). The exchange platform increases the accessibility and transparency of the power market in India and enhances the speed and efficiency of trade execution. In August 2016, the Exchange received ISO Certifications - ISO 9001:2008 for quality management, ISO 27001:2013 for Information security management and ISO 14001:2004 for environment management. IEX is approved and regulated by Central Electricity Regulatory Commission (CERC) and has been operating since 27 June, 2008. The Exchange is now a publicly listed company with NSE and BSE.

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