



POWER MARKET UPDATE: APRIL'19

DAY AHEAD MARKET TRADES 4,005 MU WITH AVG. MCP AT RS. 3.22 PER UNIT

New Delhi, Thursday, 2 May 2019

All India peak demand met reached a new high of 176.8 GW in April'19 registering 9% increase over peak demand met of 162 GW in April'18 as per the NLDC data.

On all India basis, the energy met in April'19 at 112 BU registered 7% increase over 105 BU in April'18.

The electricity market at IEX – the Day Ahead-Market (DAM) and Term Ahead-Market (TAM) combined traded 4,338 MU registering 4% increase over 4,189 MU traded in April'18 and 20% increase over 3,602 traded in March'19.

DAY-AHEAD MARKET (DAM): APRIL 2019

The day-ahead market witnessed trade of 4,005 MU in April'19 over 3,356 traded in March'19 registering 19% increase on MoM basis and almost at par with 4,055 MU traded in April'18.

The increase in traded volume over previous month was mainly due to increase in demand for power across States in the context of increasing temperature as well as the ongoing Lok-Sabha Elections.

On a daily average basis 134 MU were traded in April'19.

The average Market Clearing Price (MCP) at Rs. 3.22 per unit saw 19% decline over 3.98 per unit in April'18 mainly due to increased domestic and imported coal availability with thermal generators and improved hydro-power and renewable energy generation.

The MCP in April'19 increased 3% over Rs. 3.12 per unit in March'19 with average MCP during different time-periods of the month as given below:

- Morning (07:00 to 10:00 Hrs): Rs. 2.94 per unit
- Day (11:00 to 17:00 Hrs): Rs. 2.98 per unit
- Evening peak (18:00 to 23:00 Hrs): Rs. 3.62 per unit
- Night (01-06 Hrs and 24 Hrs): Rs. 3.28 per unit
- Daily Average Rs. 3.22 per unit

The day-ahead market experienced transmission congestion mainly towards import of power to Southern States leading to volume loss of 68 MU representing ~1.7% of the total volume traded in Day Ahead Market. The percentage time congestion occurred was 16.3%.

One Nation, One Price was realized only for 16 days during the month.

On daily average basis 762 participants traded in the market during the month.



TERM-AHEAD MARKET (TAM)

The Term-Ahead Market traded 332 MU in April'19 over 134 MU in April'19 and 246 MU over March'19, registering 148% increase on Y-o-Y basis and 35% increase on M-o-M basis.

RENEWABLE ENERGY CERTIFICATE MARKET (REC)

In the opening REC session for the fiscal year 2019-20 held on 24th April'19, a total of 2,24,802 RECs comprising of 1,61,949 Non-Solar RECs and 62,853 Solar RECs were traded.

Both Non-Solar and Solar REC continued to see lower sell bids with buy bids exceeding the sell bids due to very low inventory.

On M-o-M basis, the price of Non Solar REC (issued after 1.4.17) at Rs 1,300 in April'19 declined 13% from Rs 1500 in March'19 while the price of Solar REC remained same at Rs 2000.

On Y-o-Y basis, the price of Non-Solar REC at Rs 1300 in April'19 increased 30% from Rs 1001 in April'18 while the price of Solar REC at Rs 2000 in April'19 increased 100% from Rs 1000 in April'18.

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.

For further details, log on to: www.iexindia.com

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