



**POWER MARKET UPDATE: SEPTEMBER 2018**  
**Spot Power Market Trades 5,725 MU with Avg Price at Rs. 4.69 per unit**  
**Electricity Market Trades Record High Volume at 5,829 MU**

**New Delhi, Friday, 5 October, 2018**

The all India peak demand touched 176 GW on 18<sup>th</sup> September 2018 registering 3% increase over August'18 and 11 % increase over September'17 as per the NLDC statistics.

The electricity market at IEX – the Day Ahead- Market (DAM) and Term Ahead-Market (TAM) combined traded the highest ever monthly volume of 5,829 MU in September'18 vis-à-vis 4,061 MU traded in August'18 and 4,239 MU in the same month last year.

**DAY-AHEAD MARKET (DAM)**

The record high volume of 5,725 MU traded in September'18 is an increase of 44% month-on-month (MoM) basis and 40% increase year-on- year (YoY) basis.

The market achieved all time high record daily volume of 306 MU for delivery on 29th September, 2018, crossing the 300 mark for the first time.

On a daily average basis about 191 MU were traded, the highest during any month.

The average Market Clearing Price (MCP) at Rs. 4.69 per unit registered 41% increase over 3.34 per unit price in August'18 and 15% increase over Rs. 4.09 per unit in same month last year. The average MCP during different time-periods of the month was:

- Morning (07:00 to 10:00 Hrs): Rs. 4.23 per unit
- Day (11:00 to 17:00 Hrs): Rs. 4.18 per unit
- Evening peak (18:00 to 23:00 Hrs): Rs. 6.53 per unit
- Night (01-06 Hrs and 24 Hrs): Rs. 3.90 per unit

The key reasons for increase in volume as well as prices in the day-ahead market included but not limited to: increase in demand for power in Eastern, Western and Southern States, low availability of coal with thermal power plants; reduced generation from wind and hydro based capacity, and scanty rainfall and dry weather in Southern states in second half of the month.

One Nation, One Price was realized for 28 days.

The day-ahead market experienced minor transmission congestion of 0.9% mainly in the import towards Southern Region.

On daily average basis 645 participants traded in the market during the month.

\* 1 MU = 1 Million kWh (GWh)

\*\* 1 BU = 1 Billion kWh (TWh)



## TERM-AHEAD MARKET (TAM)

The Term-Ahead Market traded 103 MU in September'18, registering 19% increase MoM basis and 32% decline YoY basis.

## RENEWABLE ENERGY CERTIFICATE MARKET (REC)

The REC market trading session held on Wednesday, 26th September, 2018, featured a total trade of 16,03,446 RECs (16.03 lacs) about 2.16 times increase over trade of 5,07,811 RECs in August 2018 and 4.5 times increase over trade in September'17. The September trading Session saw trade in 2,44,401 Non-Solar RECs and record high trade of 13,59,045 Solar RECs.

### SOLAR REC :

- A total of 13,59,045 Solar RECs were traded with sell bid at 14,61,202 and buy bid at 21,56,459. The clearing took place at floor price of Rs 1,000 per REC.

### NON-SOLAR REC :

- A total of 2,44,401 Non-Solar RECs were traded with sell bid at 48,65,60 and buy bid at 5,01,255. The clearing price discovered was Rs 1,100 per REC.

The distribution companies were the major buyers followed by captive and open access consumers.

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## 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](http://www.iexindia.com)*

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