



Power Market Analysis: March'17

Spot Power Market Trades at Average Price of Rs 2.56 per unit

The spot power market at IEX saw trade of 3,364 MUs in March'17, an increase of about 15% from 2,927 MUs traded in February. On a daily average basis, over 109 MUs were traded, up from 105 MUs in the previous month.

With rising temperature and earlier than usual arrival of summer, the market saw average daily purchase bids of 139, 10% increase over February, while the sell bids were 200 MUs.

The market however continued to see low price during the month. The average Market Clearing Price (MCP) for the month was Rs. 2.56 per unit, almost at par with price of Rs 2.54 per unit in February. The average Area Clearing Price (ACP), the price at which settlement takes place, varied from Rs 1.53 per unit to Rs 4.47 per unit across the bid areas.

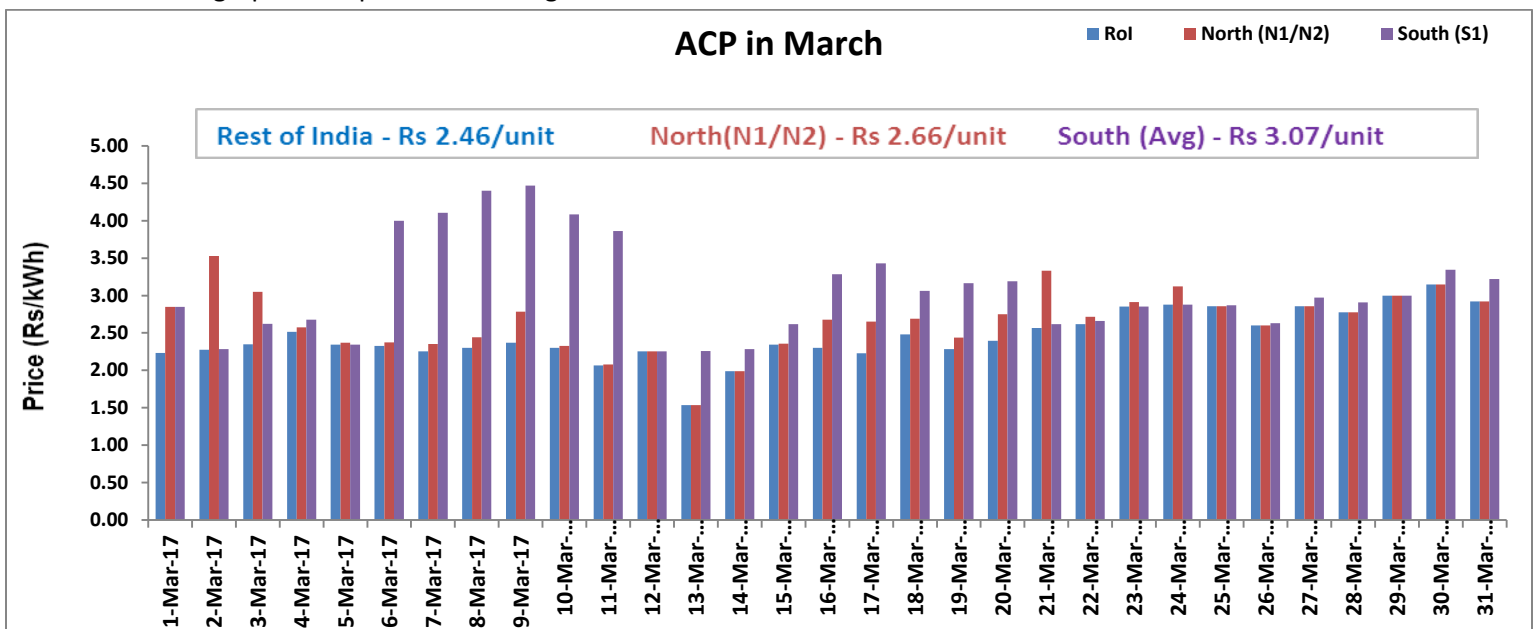
The import of power to Southern region was congested throughout the month; consequently almost 5 MUs were curtailed on daily average basis, almost 5 times of daily average curtailment of 1MU in February'17. The Northern import was congested by 26% and Southern import was congested by 50%. Overall, about 154 MUs were curtailed due to Inter-State Transmission congestion.

Market Price (ACP):

The average Area Clearing Price (ACP) for March'17 across the regions was as below:

- In South, ACP was Rs 3.07 per unit
- In North, ACP was Rs 2.66 per unit
- Rest of India, ACP was to Rs. 2.46 per unit

The graphical depiction of average ACP in March is as below:



* 1 MU = 1 Million kWh (GWh)



Volumes:

Market Volume: Key Highlights

- **Total Sell bids:** 6,206 MUs
- **Total buy bids:** 4,323 MUs
- **Total Cleared Volume:** 3,364 MUs
- **Northern and Southern States:** Net Buyers
- **Western, Eastern & NE States:** Net Sellers

The table below gives the average daily buy-sell picture for March'17 vis-à-vis February'17:

REGION	Average Daily BUY (MW)			Average Daily SELL (MW)			NET
	Mar'17	Feb'17	Change (%)	Mar'17	Feb'17	Change (%)	
North East	124.51	129.21	↓ -4%	222.17	189.07	↑ 18%	SELL
East	613.66	270.11	↑ 127%	742.90	683.92	↑ 9%	SELL
North	1262.73	1087.90	↑ 16%	653.04	892.85	↓ -27%	BUY
West	1606.08	1812.83	↓ -11%	2429.23	2070.53	↑ 17%	SELL
South	915.08	1055.46	↓ -13%	474.71	519.13	↓ -9%	BUY

Participation:

1,176 participants traded in the spot market on an average daily basis. The highest participation was on 18 March, 2017 when 1,267 participants traded on the Exchange.

Day-Ahead Market in Fiscal 2016-17: A Snapshot

In fiscal 2016-17, spot power market remained vibrant and registered trade of 39.8 BUs, about 17% increase over 34 BUs traded in the previous fiscal. The average MCP was competitive at Rs. 2.41 per unit, 12% less than MCP of Rs. 2.73 per unit in fiscal 16. With reinforcement and augmentation of Inter-state transmission network, volume loss due to congestion reduced to 1.5 BUs from 2.1 BUs in FY'16.

