



Power Market Analysis: January'17

Spot Power Market trades 104 MUs on daily basis at Rs. 2.50 per unit

In the first month of 2017, the Day-Ahead Market at IEX saw a trade of 3231 MUs and the daily average trade of 104 MUs. The average Market Clearing Price (MCP) was Rs. 2.50 per unit, 8% increase over price of Rs. 2.32 per unit in December'16. The average Area Clearing Price (ACP) the price at which settlement takes place, varied from Rs. 2.05 per unit to Rs. 3.96 per unit.

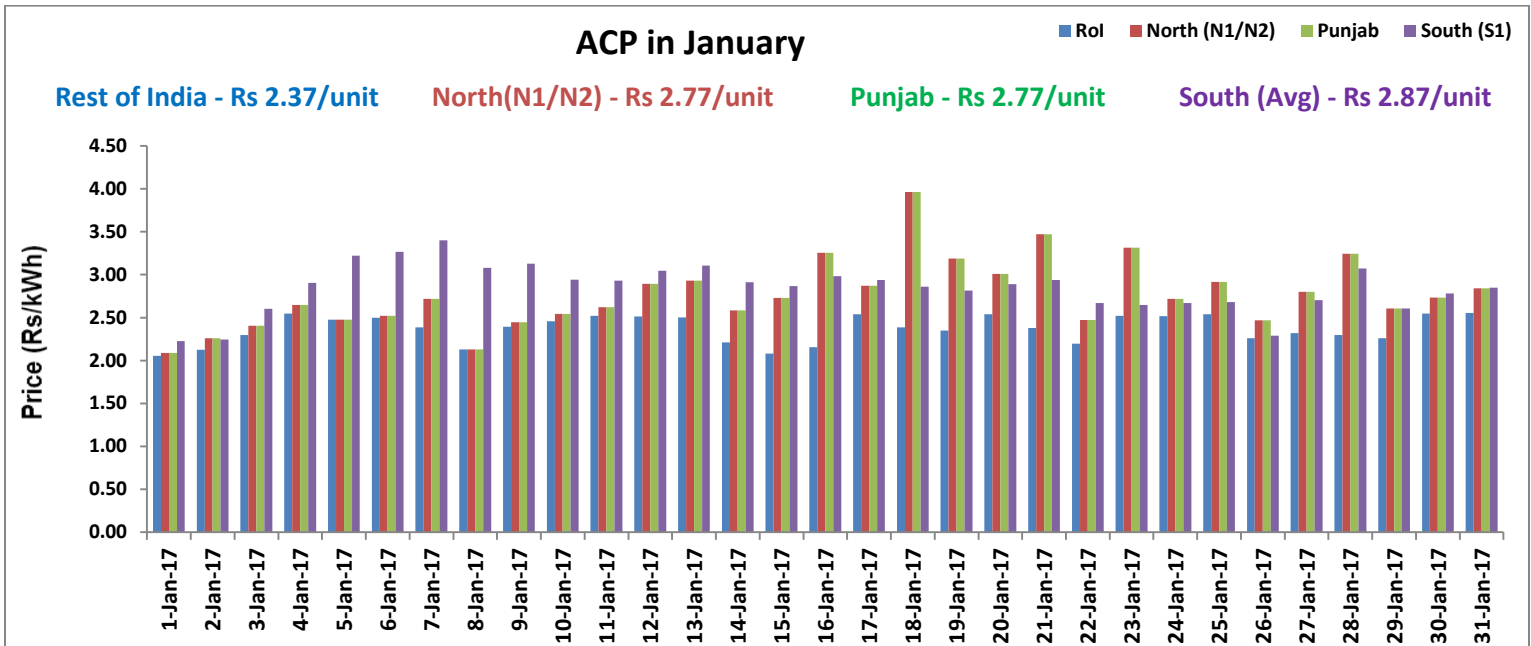
At 125 MUs the average buy bids increased slightly over 119 MUs in the last month while the average daily sell bids at 224MUs were almost at par with 229 MUs in December'16. Overall the market remained buyer friendly with subdued market clearing prices.

The congestion on Inter-State Transmission Network eased vis-à-vis the previous month. Overall 68 MUs, and on a daily average basis 2 MUs, were lost in this month. In December'16, 136 MUs were lost on overall basis, and daily average loss was 4.4 MUs. The Northern import was congested 41% of the time during the month while the Southern import was congested about 55% of the time. The congestion was experienced mainly due to unavailability of Inter-State Transmission Corridor.

The average Area Clearing Prices (ACP) across regions in January are as below:

- **North-East, East and West:** Rs 2.37 per unit
- **North:** Rs 2.77 per unit
- **South:** Rs 2.87 per unit

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



* 1 MU = 1 Million kWh (GWh)



Volumes:

The key highlights of the month are as below:

- Total Sell bids: 6,955 MUs
- Total buy bids: 3,884 MUs
- Total Cleared Volume: 3,231 MUs
- Northern and Southern States: Net Buyers
- Western, Eastern & North-Eastern States: Net Sellers

The table below gives average daily buy-sell at regional level for January'17 vis-à-vis December'16:

REGION	Average Daily BUY (MW)			Average Daily SELL (MW)			NET
	Jan'17	Dec'16	Change (%)	Jan'17	Dec'16	Change (%)	
North East	109.90	67.33	↑ 63%	175.88	151.28	↑ 16%	SELL
East	391.63	298.64	↑ 31%	454.60	276.41	↑ 64%	SELL
North	1499.02	981.56	↑ 53%	672.22	457.73	↑ 47%	BUY
West	1444.81	962.43	↑ 50%	2547.25	1655.62	↑ 54%	SELL
South	1041.61	791.07	↑ 32%	637.02	559.99	↓ 14%	BUY

Participation:

1,177 participants traded in the spot market on an average daily basis. The highest participation was on 6 January, 2017 when 1,301 participants traded on the Exchange.

