

Power Market Analysis: June'16

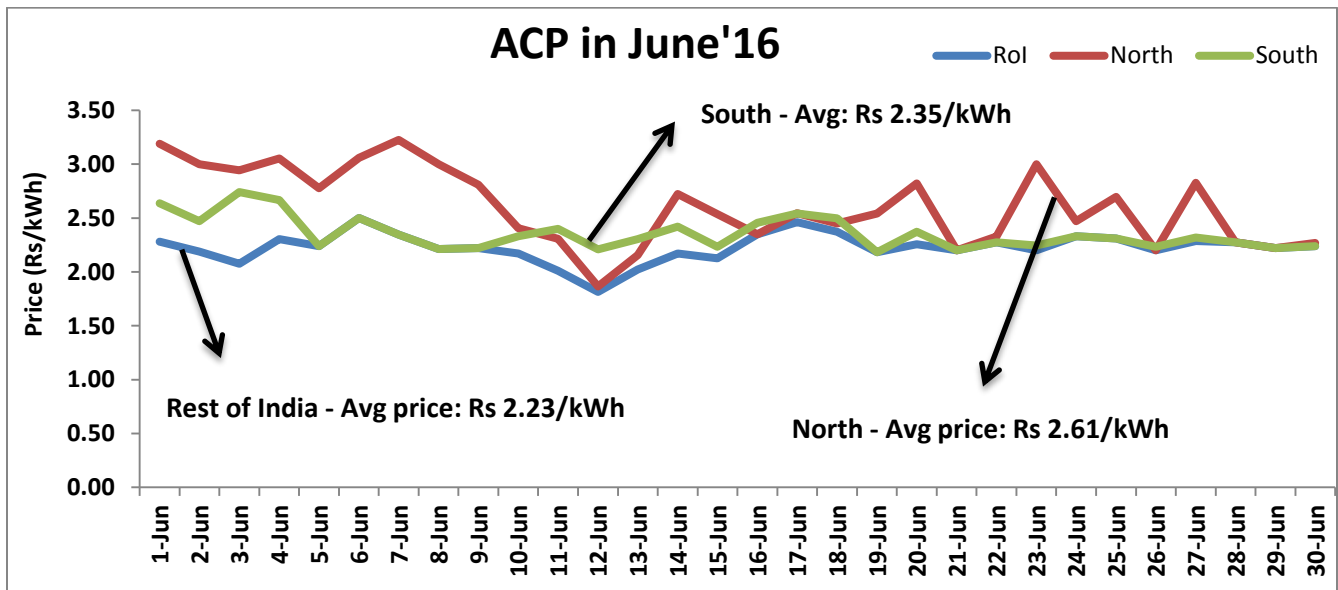
105 MUs traded on daily average basis at MCP of Rs 2.31 per unit

The Day Ahead market at IEX traded about 105 MUs on a daily average basis in June'16, 11% increase over 94 MUs traded on a daily average basis last month. A total of 3,147 MUs were traded this month, an increase of about 7% over 2,929 MUs traded in May'16 with average daily purchase bids of 5,118 MW and average daily sell bids of 8,200 MW. Last month, average daily purchase bids of 4,603 MW and sell bids of 7,710 MW were received.

Although the volume traded this month increased by 7%, the price continued to be Rs 2.31 per unit, at par with MCP of Rs 2.32 per unit in May'16. With easing of transmission congestion, the average Area Clearing Price (ACP) - the price at which settlement takes place varied from Rs. 2.23 per unit to Rs. 2.61 per unit across regions during the month. Both Northern and Southern States saw reduction in ACP over May.

- **ACP in North:** Rs 2.61 per unit, 4% decrease over May
- **ACP in South:** Rs 2.35 per unit, 15% decrease over May
- **ACP in North-East, East and West:** Rs 2.23 per unit, 8% increase over May

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



Volumes:

The key highlights for June'16 are as below:

- **Total Sell bids: 5,904 MUs**
- **Total buy bids: 3,685 MUs**
- **Total Cleared Volume: 3,147 MUs**
- **Northern, Western & Southern States: Net Buyers**
- **Eastern & North-Eastern States: Net Sellers**

* 1 MU = 1 Million kWh (GWh)

The table below gives the average daily buy-sell picture at regional level for June'16 vis-à-vis May'16:

REGION	Average Daily BUY (MW)			Average Daily SELL (MW)			NET
	June'16	May'16	Change (%)	June'16	May'16	Change (%)	
North East	79.24	62.29	↑ 27%	305.85	254.50	↑ 20%	SELL
East	292.67	479.66	↓ -39%	651.38	682.14	↓ -5%	SELL
North	1680.57	1466.46	↑ 15%	1376.19	1418.45	↓ -3%	BUY
West	1453.48	1089.65	↑ 33%	1379.17	1181.75	↑ 17%	BUY
South	864.83	838.39	↑ 3%	658.20	399.61	↑ 65%	BUY

Congestion:

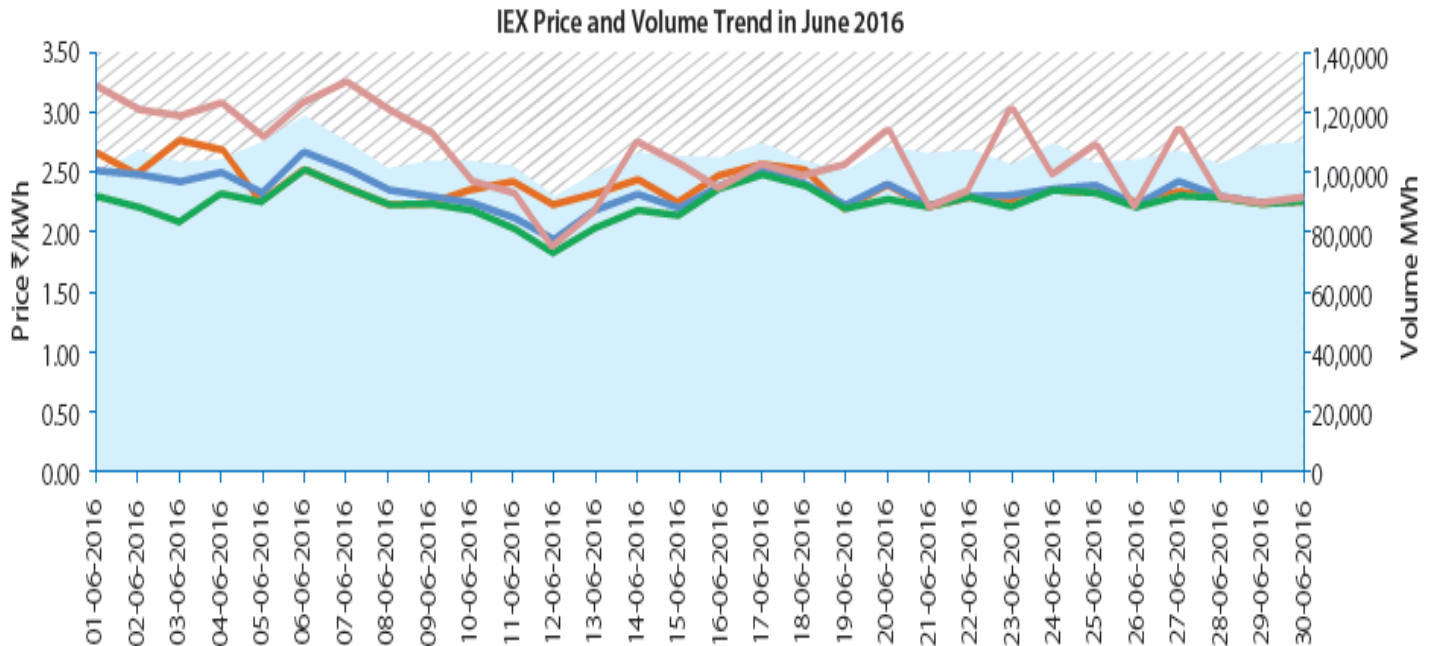
About 3 MUs were lost per day due to congestion. The ER->SR and WR->SR interconnections were congested about 16% of the time, 70% less than last month, mainly due to higher wind and conventional generation in the Southern Region. The ER->NR and WR->NR interconnections continued to remain severely congested for 49% of the time during the month.

Participation:

1,028 participants traded in the spot market on an average daily basis. The highest participation was on 2 June, 2016 when 1,136 participants traded on the Exchange.

Term-Ahead Market:

About 31 MUs were scheduled in June'16 in Intraday and Day Ahead Contingency contracts.



Average Hourly Market Clearing Volume and Price for the Month

