

# POWER BULLETIN

Volume 97 | December 2016 Edition II

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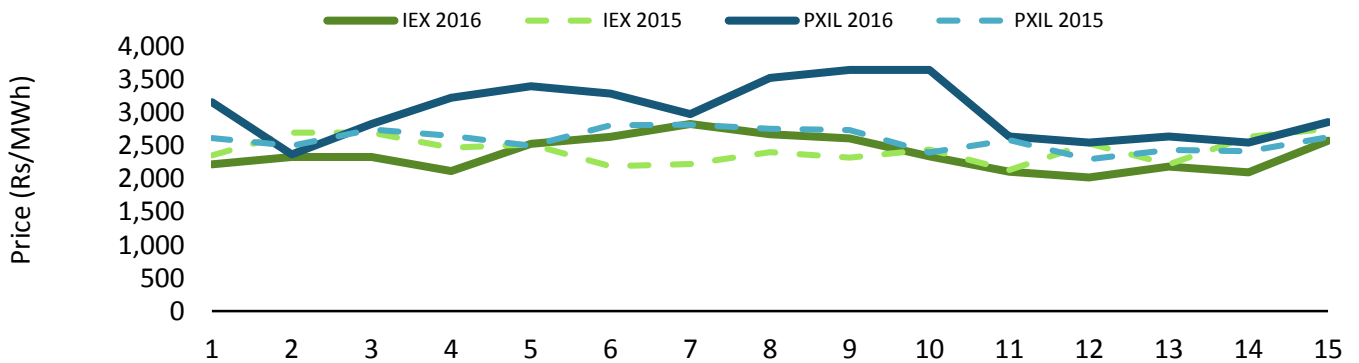
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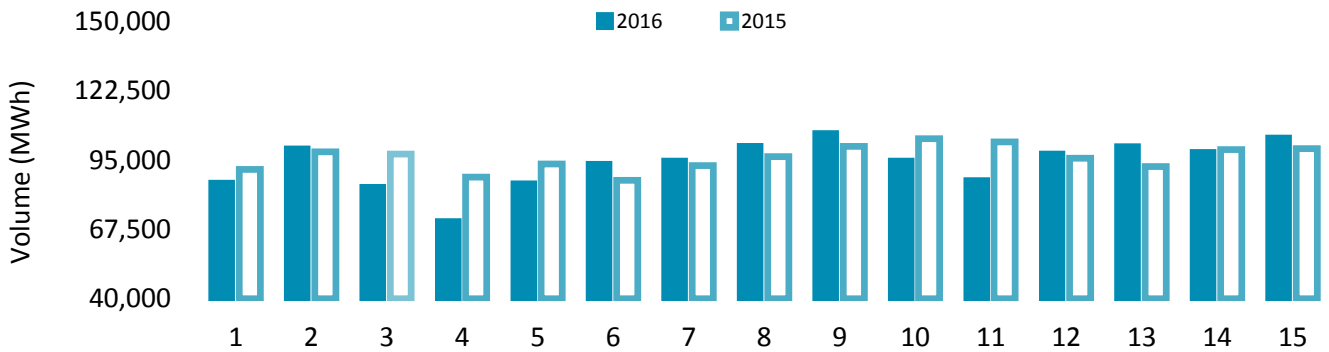
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## Exchange-based Power Trading

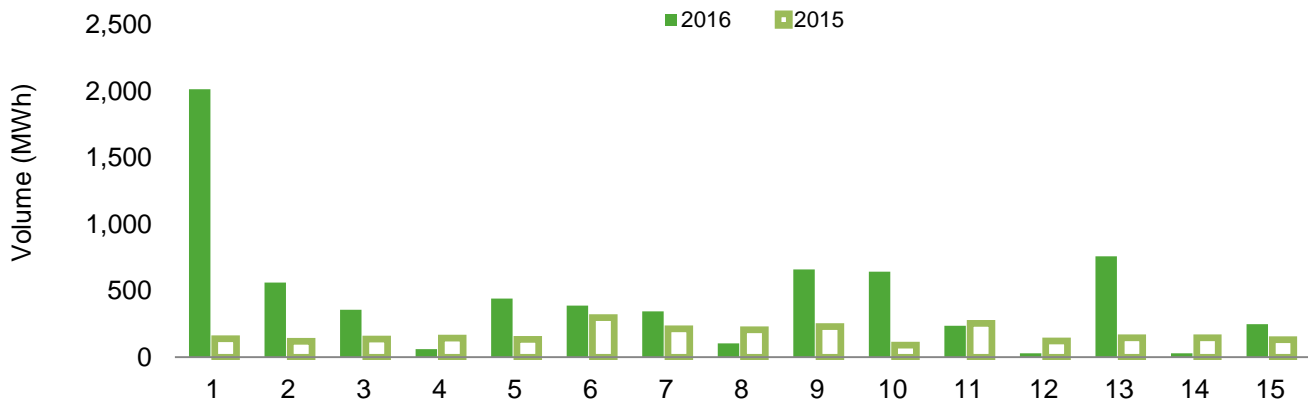
**Year-on-year price comparison of power traded on IEX and PXIL (01 – 15 December)**



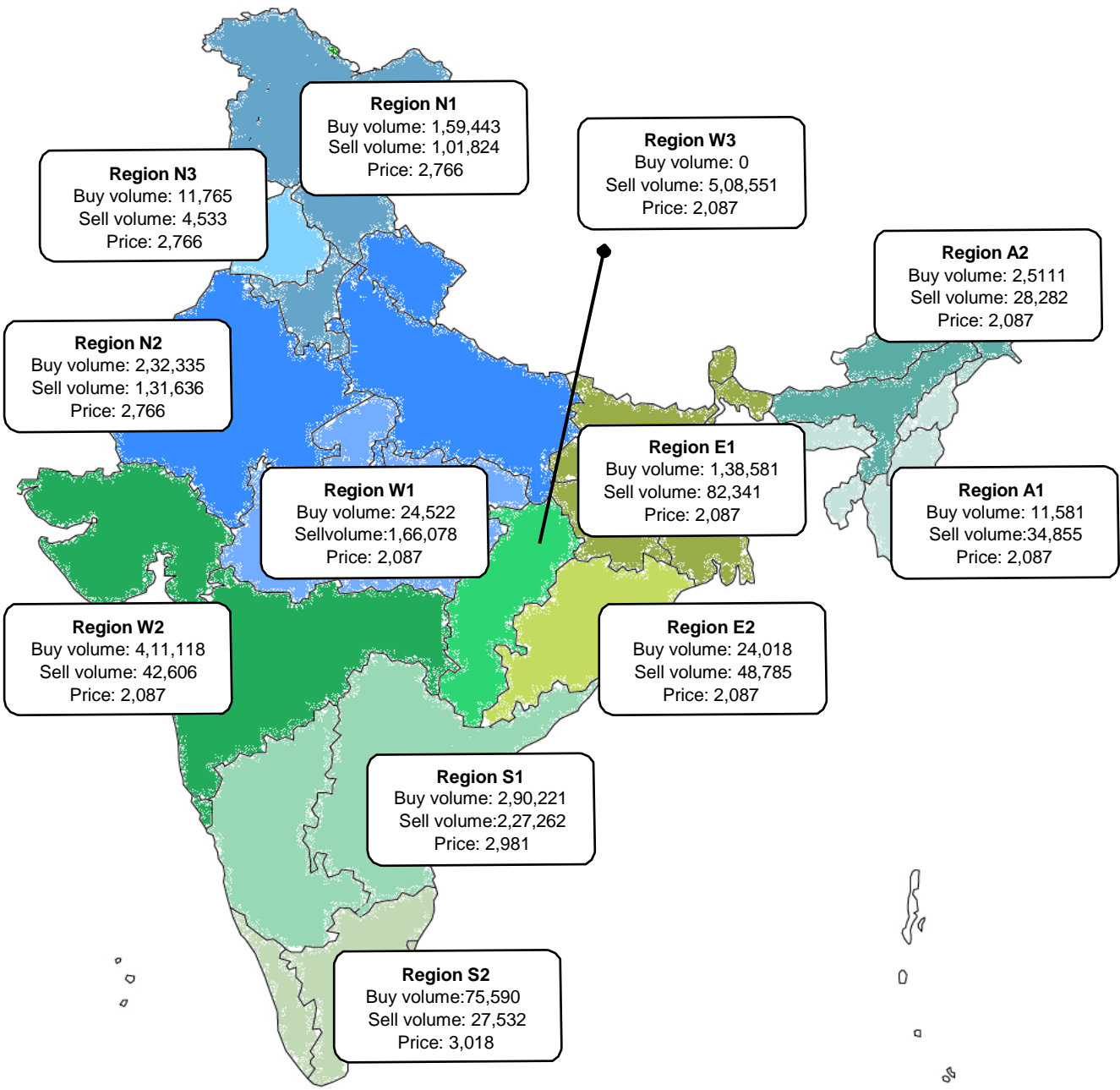
**Year-on-year volume comparison of power traded on IEX (01 – 15 December)**



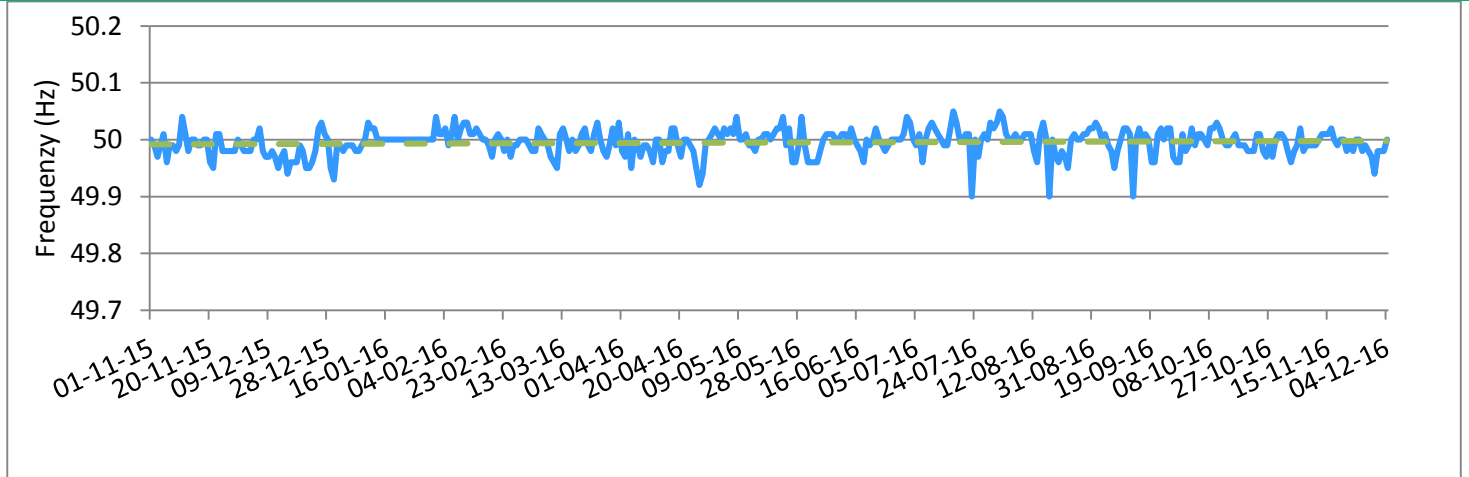
**Year-on-year volume comparison of power traded on PXIL (01 – 15 December)**



**Area-wise Average Power Trading Data from IEX (01 – 15 December 2016)**



**Average Daily Frequency of Indian Power Grid**

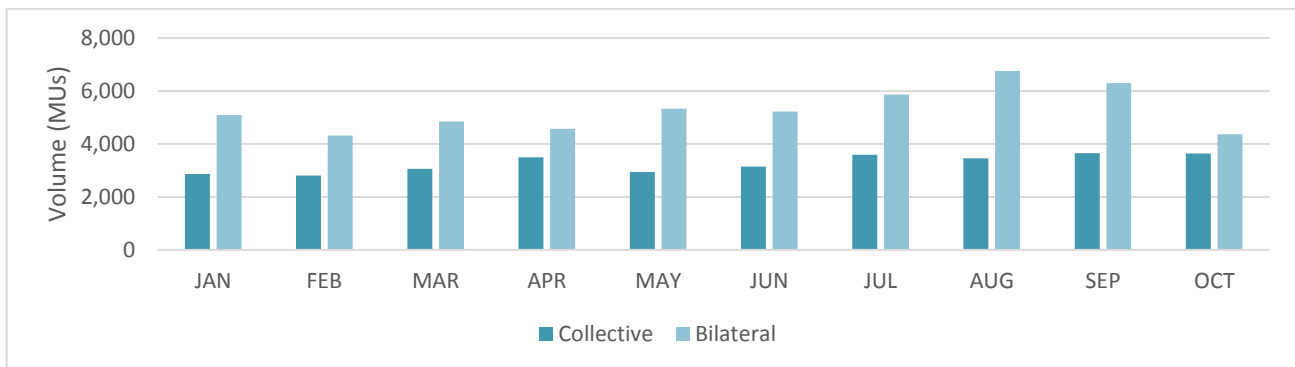


## Short Term Open Access

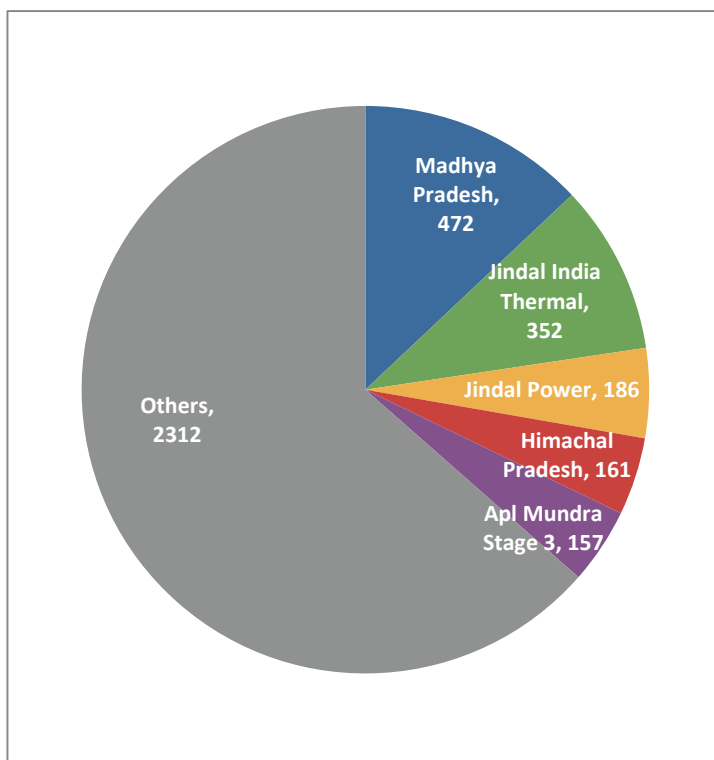
### Approved Bilateral Short Term Open Access (in million kWh)

Month   RLDC	FEB '16	MAR '16	APRIL '16	MAY '16	JUN'16	JUL'16	AUG'16	SEP'16	OCT'16
<b>North</b>	1692	1243	840	1832	2266	3536	3769	2761	1180
<b>West</b>	858	1238	1008	1224	1053	1146	1012	1423	1483
<b>South</b>	781	1032	1183	1007	911	493	1118	1112	902
<b>East</b>	785	1141	1420	1150	941	627	793	944	732
<b>North-East</b>	199	201	122	126	60	66	72	60	74
<b>TOTAL</b>	<b>4315</b>	<b>4855</b>	<b>4573</b>	<b>5339</b>	<b>5231</b>	<b>5868</b>	<b>6765</b>	<b>6301</b>	<b>4371</b>

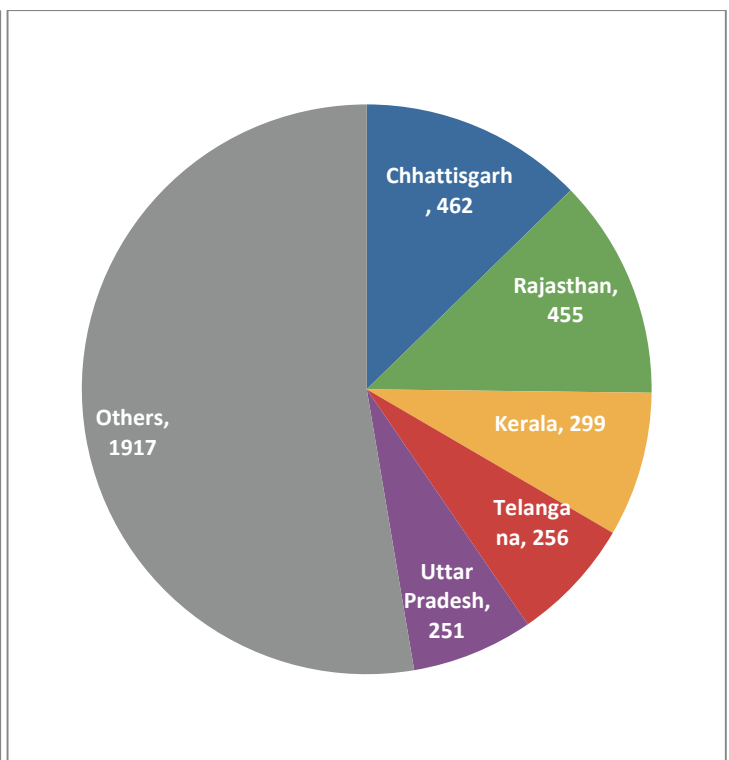
### Approved Bilateral & Collective STOAs (million kWh) FY 2015-16 and FY 2016-17



#### Major Sellers at Exchanges in October' 2016 (MUs)



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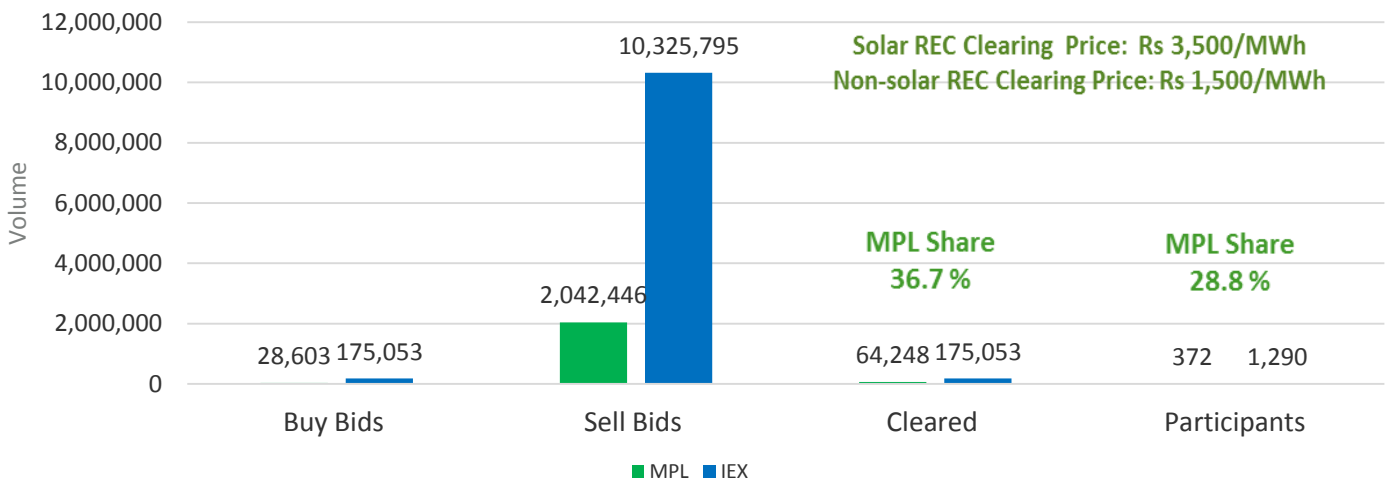


### Storage status of important reservoirs (As on 15 December 2016)

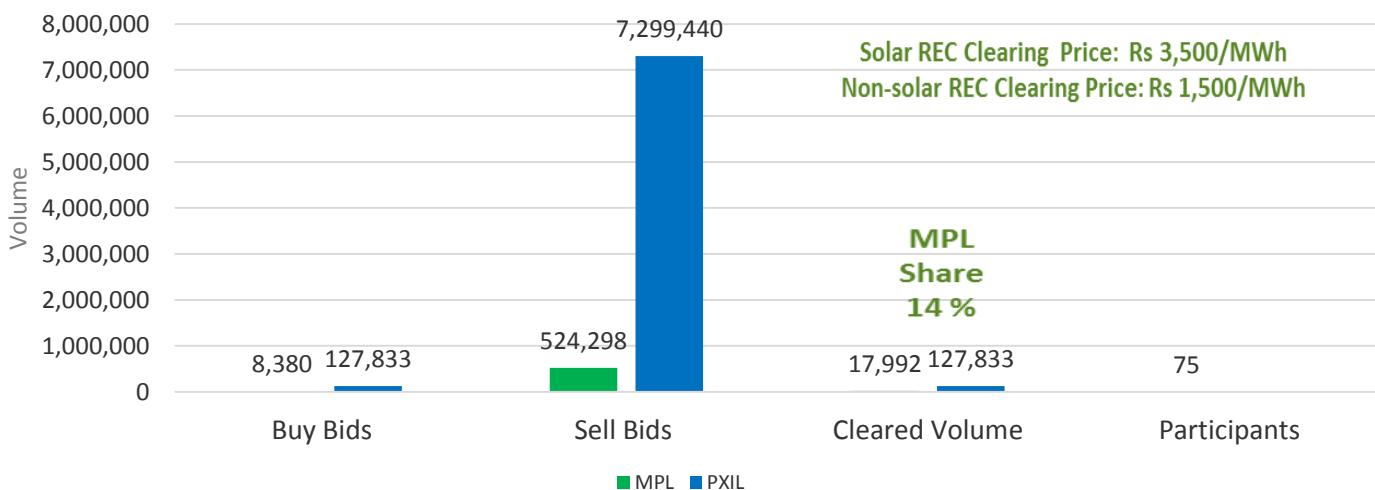
Region – No. of reservoirs	Filing position w.r.t. FRL							
	100%	91-99%	81-90%	71-80%	61-70%	51-60%	41-50%	< 40%
<b>North</b> (HP, Punjab, Rajasthan) – 6	-	1	1	-	-	-	4	-
<b>East</b> (Jharkhand, Odisha, Tripura, West Bengal) – 15	4	1	3	3	1	1	1	1
<b>West</b> (Maharashtra, Gujarat) – 27	1	4	5	7	2	3	1	4
<b>Central</b> (MP, UP, Uttarakhand, Chhattisgarh) – 12	-	1	3	4	2	1	1	-
<b>South</b> (Karnataka, TN, AP, Kerala) – 31	-	2	1	-	1	6	2	20

### Summary of REC Trading & MPL share – 30<sup>th</sup> November 2016

#### Summary REC trading on IEX



#### Summary REC trading on PXIL



## News Updates

### **Spot Power to get costly as Regulator proposes hike in transmission charges**

CERC has proposed to increase the transmission charges by 1.35 times

### **Jharkhand close to signing PPAs for 1.1 GW of solar power after delay**

These solar projects were stalled due to differences between the state Discoms and developers over the quoted tariff

### **Infosys produces solar power at 2.85kWhr, plans expansion**

The company has 6.6 MW ground mounted solar capacity at its Hyderabad facility

### **PXIL successfully conducts 69th REC Session in the month of November, 2016**

The total cleared volume on the exchange was 127833 RECs

### **NTPC to set up first wind power plant in Gujarat**

Wind energy 50 MW project is to be set up at Rojmal in Gujarat at a cost of Rs 323.35 crore

### **Singareni begins commercial operation of 600 mw unit 2 of thermal power project**

It will help Telangana Transco to bridge the demand supply gap

### **5791.54 MU Electricity generated by Cumulative Solar Installations till September 2016**

Government has taken several projects for the development of Green Energy corridors in eight states

### **GE Power India net loss doubles to Rs 97 cr in Jul-Sept quarter**

Total income from operations decreased to Rs 496.22 crore in the quarter as compared to Rs 543.85 crore a year ago

### **Spot power rate dips over 5% to Rs 2.32unit in November**

The market remained buyer friendly with the average daily purchase bid of 132 MUs and average daily sell bid of 245 MUs

### **Guidelines issued for cross-border electricity transactions (BS)**

Participating entity will be eligible for cross border trading on Indian power exchanges in term-ahead, intra-day & contingency contracts

### **Metro to run on solar power by 2017: DMRC chief (EQ)**

The Delhi Metro has about 7.2 MW of installed solar rooftop capacity but for the overall operations 250 MW additional power will be required

### **Adani Transmission to buy RInfras Western assets for 1,000 cr**

There will be a 100 % acquisition of WRSSS transmission assets and 74 % in PKTCL

### **CRISIL downgrades outlook for TN-govt owned Power units to 'negative'**

RD/revenue receipts ratio has gradually increased to more than 10% in fiscal 2017

### **Govt to tender 1 gigawatt of solar rooftop capacity in December**

India aims 40 GW of its solar targets to be fulfilled from rooftop installations

### **IL&FS Engg emerges lowest bidder for Jharkhand rural electrification works**

IL&FS has emerged as the lowest bidder for rural electrification works of JBVNL worth Rs. 225 crore

### **SC order takes away Rs 1,050 cr earnings from RPower's Sasan UMPP**

The case was filed by the states that procure power from Sasan UMPP

### **Anil Ambanis Reliance Infra sells transmission assets to Adani**

Reliance Infrastructure has signed a SPA with Adani Transmission for the sale of 100% of its Western Region System Strengthening Scheme Transmission Assets

### **Railways plans 1,000 MW solar power**

The Vision 2020 document of the Railways envisages to utilise at least 10 % of its energy requirement from renewable sources

### **SECI floats tender for grid-linked 1GW rooftop solar**

The tender will especially target at utilising the numerous buildings of the central government ministries/departments

### **Coal fired power plants see an 8% fall in capacity utilisation**

CUF of thermal power plants dipped to 60% in October from 67.83% in April this year

### **Govt committed to bring power to all households by 2019: Piyush Goyal**

Government has assured of electricity to every house by 2022 but it can be achieved in 2019

### **For solar panel makers, low tariffs no cause for cheer**

India has close to 9 GW of solar power capacity and domestic manufacturing capacity of about 6 GW of modules

### **PTC to infuse Rs 600 cr into energy arm, eyes 300 MW green power**

PTC Energy has commissioned wind power projects of 30 MW & 20 MW at Ratlam & Mandsaur respectively in M.P

### **Energy efficiency steps help save 7k MUs of power in 2015-16 (PTI)**

Country saved 7,378 million units of electricity worth Rs 4,866 crore through various energy efficiency measures taken during 2015-16

**Petition Updates**

**TANGEDCO wins approval from TNERC to launch short-term tender**

Recently TANGEDCO floated a tender for 350 MW RTC with 500 MW for peak period from 1800 hr to 2300 hr (No.TANGEDCO/SHORT/PP 8-2016) for the period from 1<sup>st</sup> February 2017 to 15<sup>th</sup> March 2017.

Before floating this tender they had filled a petition in TNERC, stating that their available power based on various assumptions will not be able to fulfil the forecasted demand for the above time period.

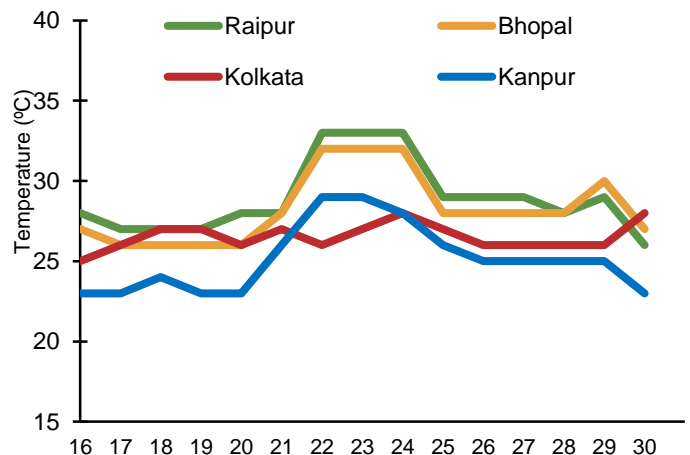
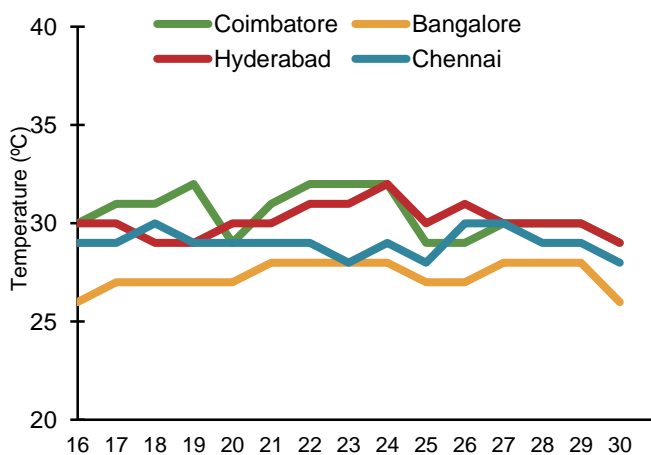
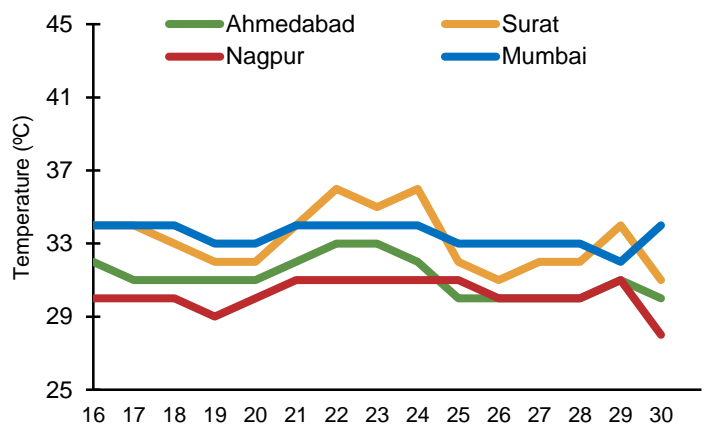
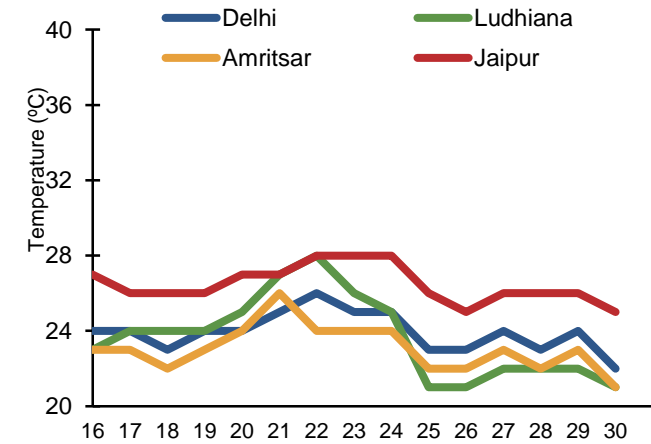
Points

- Net power availability based on utilisation of only low-cost IPPs
- Present Hydro storage is 42% less than the last year
- 810 MW thermal power units outage
- Wind generation will be meagre from January to march
- Kudankulam unit 1 is planned for overhaul for 60 days from end of December
- Out of 3330 MW long-term contracted capacity, there is a short supply of 350 MW from KSK Mahanadi and Jindal.

The procurement will be done through DEEP e-bidding portal.

**Forecasted High Temperatures for Major Cities (16- 31 December 2016)**

Source:AccuWeather



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