

POWER BULLETIN

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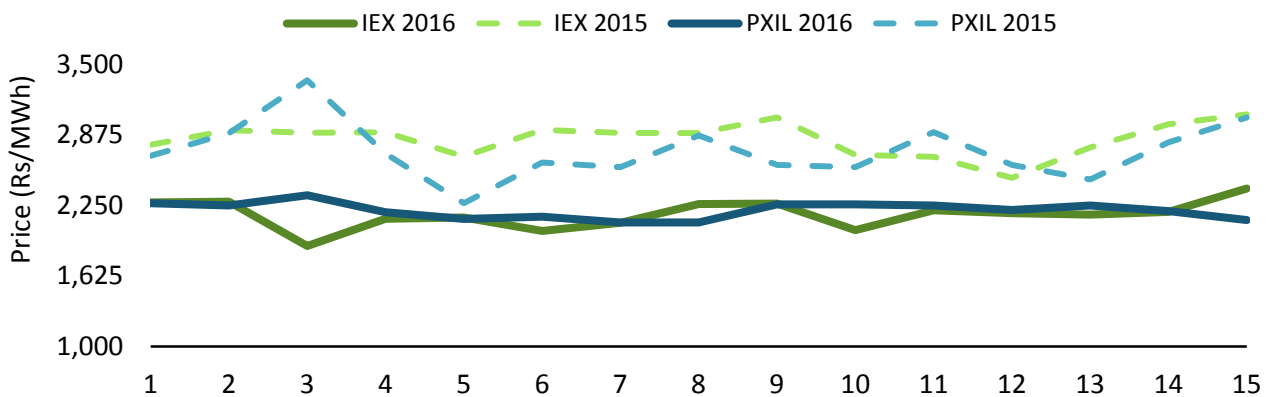
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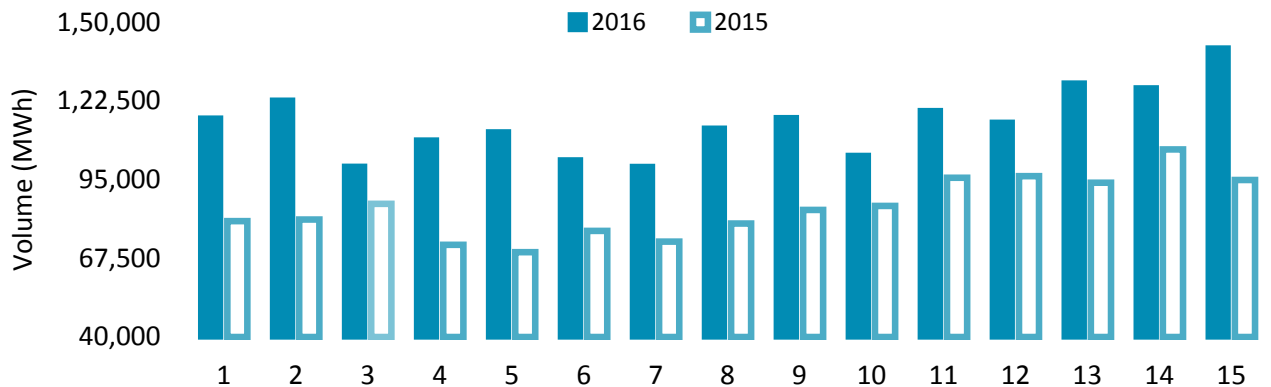
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Exchange-based Power Trading

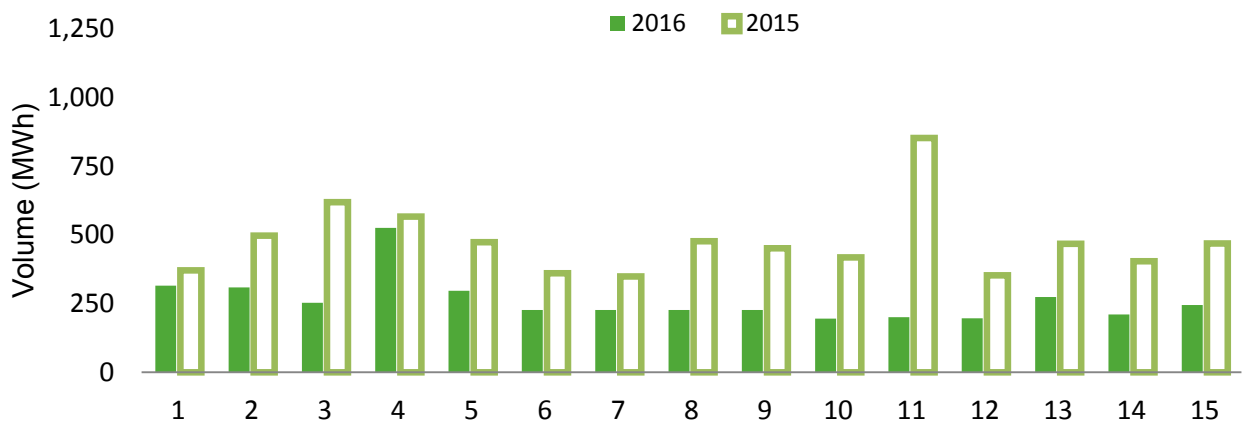
Year-on-year price comparison of power traded on IEX and PXIL (01 – 15 July)



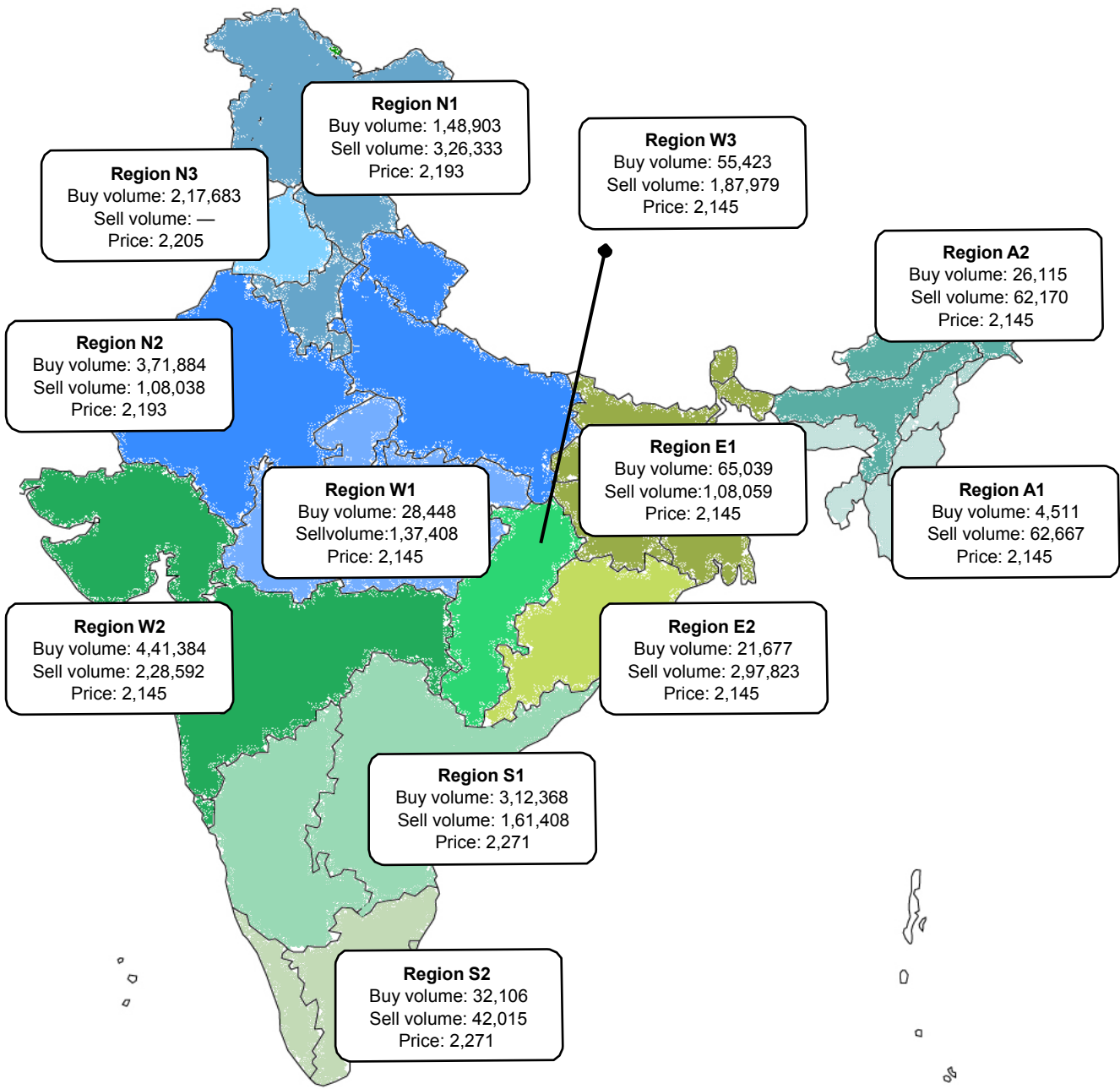
Year-on-year volume comparison of power traded on IEX (01 – 15 July)



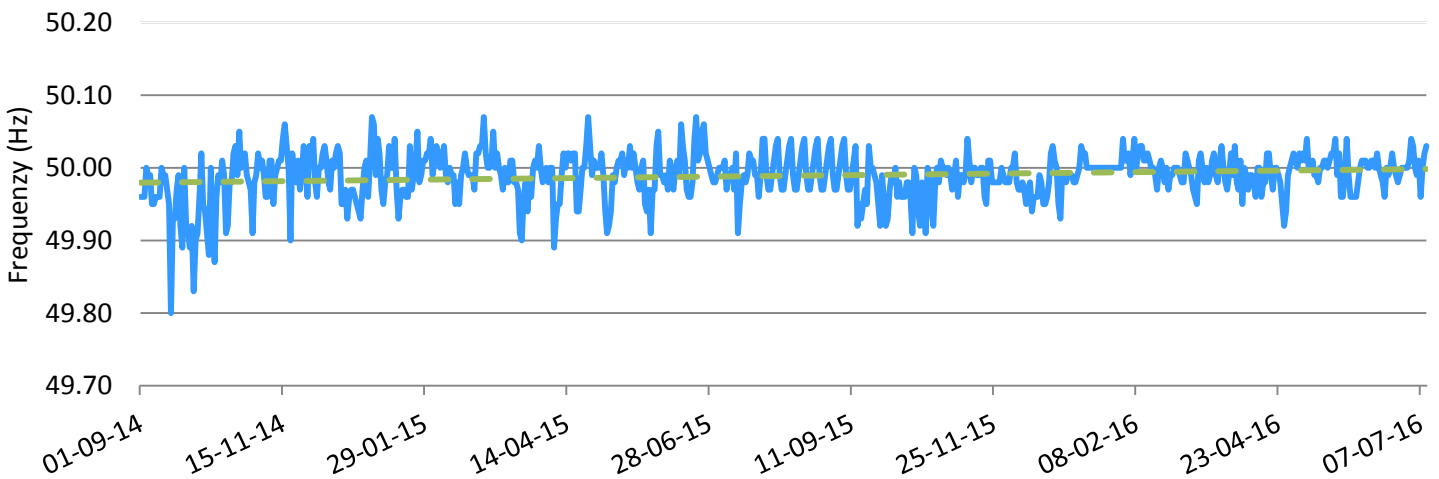
Year-on-year volume comparison of power traded on PXIL (01 – 15 July)



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



Average Daily Frequency of Indian Power Grid

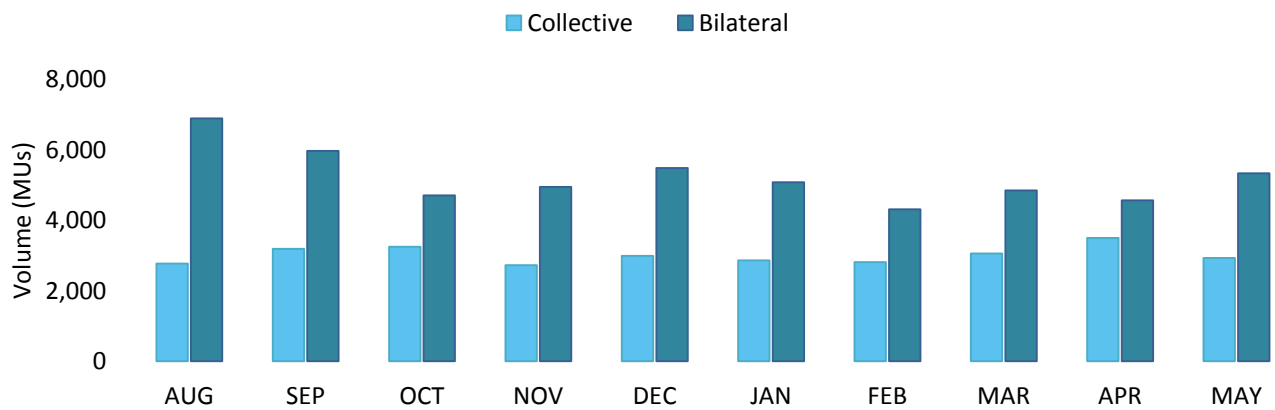


Short Term Open Access

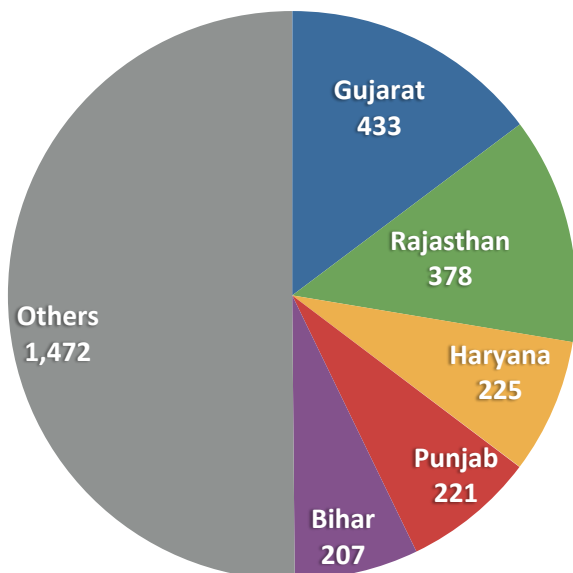
Approved Bilateral Short Term Open Access (in million kWh)

Month RLDC	SEP '15	OCT '15	NOV '15	DEC '15	JAN '16	FEB '16	MAR '16	APRIL '16	MAY '16
North	2441	678	1358	1789	1956	1692	1243	840	2672
West	656	1022	1686	1723	1059	858	1238	1008	2232
South	1809	1705	1092	1190	1018	781	1032	1183	2190
East	979	1165	710	666	838	785	1141	1420	2570
North-East	90	144	107	125	216	199	201	122	248
TOTAL	5975	4714	4953	5493	5087	4315	4855	4573	9912

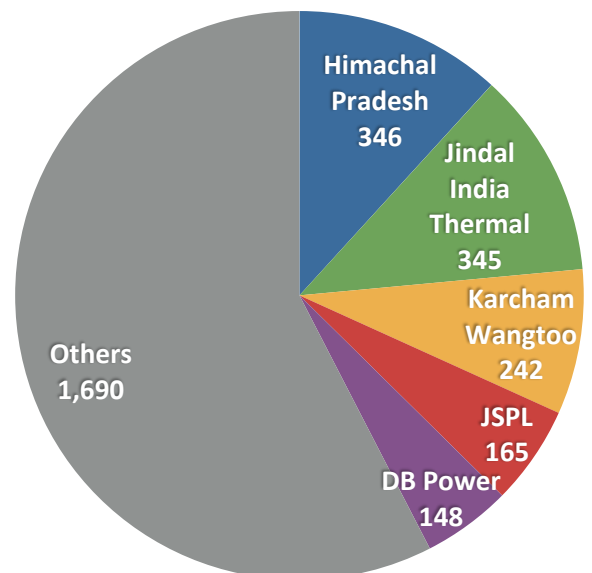
Approved Bilateral & Collective STOA (million kWh) FY2014-15 & FY2015-16



Major Buyers at Exchanges in May' 2016 (MUs)



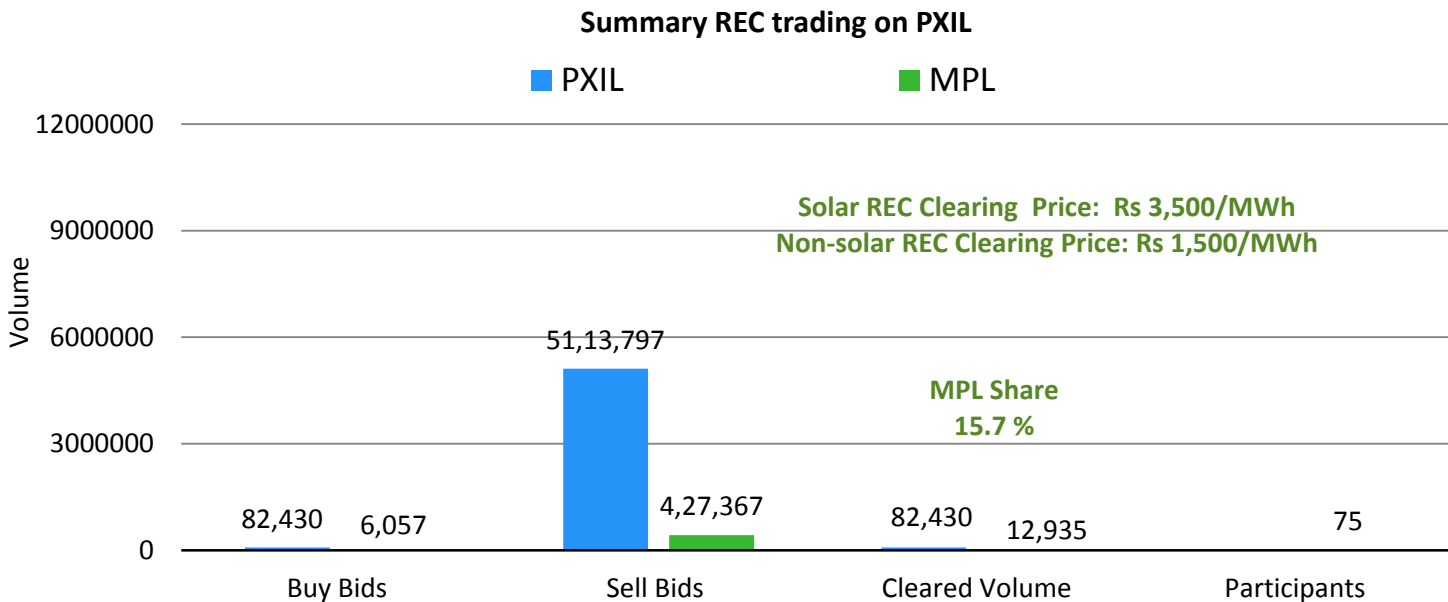
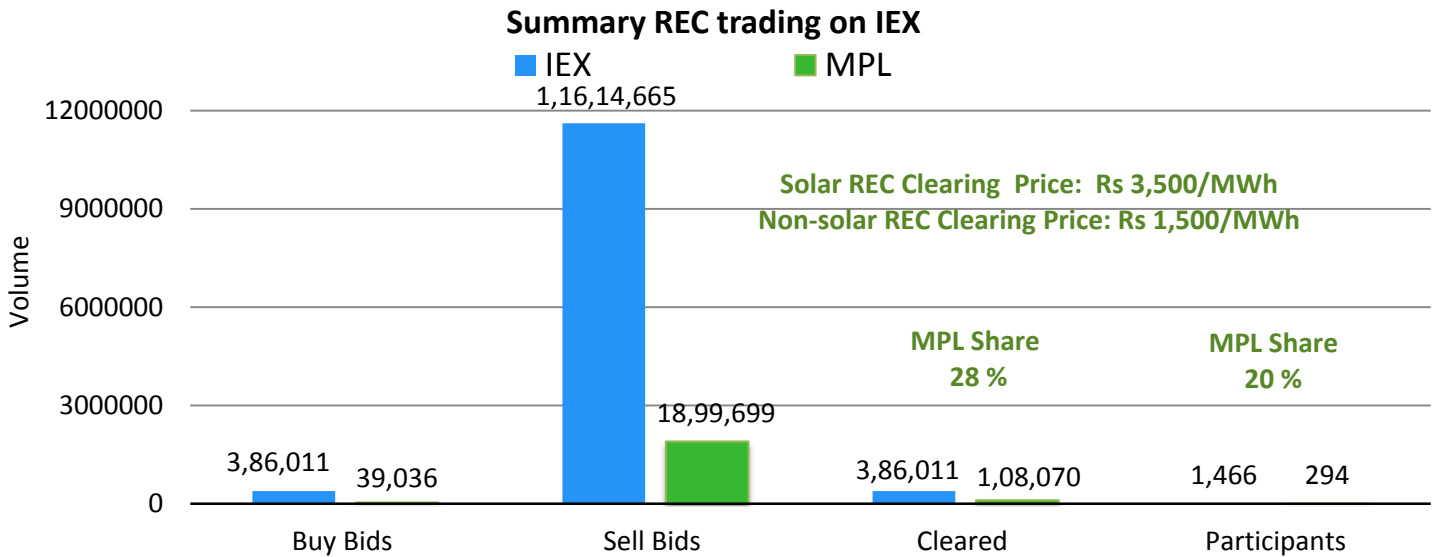
Major Sellers at Exchanges in May' 2016 (MUs)



Storage status of important reservoirs (As on 14 July 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%
North (HP, Punjab, Rajasthan) – 6	–	–	–	–	1	–	–	5
East (Jharkhand, Odisha, Tripura, West Bengal) – 15	–	–	–	–	–	2	2	11
West (Maharashtra, Gujarat) – 27	–	1	–	–	1	3	1	21
Central (MP, UP, Uttarakhand, Chhattisgarh) – 12	–	–	–	2	2	–	2	6
South (Karnataka, TN, AP, Kerala) – 31	–	1	–	1	–	2	3	24

Summary of REC Trading & MPL share – 29 June 2016



News Updates

Haryana to auction bonds worth Rs 775 cr under UDAY

The minimum size of the bid will be Rs 100 crore

Trading in RECs sees quantum jump, 3.86 lac RECs traded in June compared to 1.51 lacs in June 2015

All buy bids were cleared at floor price of Rs 3,500 per REC

India to get over \$1 billion from World Bank for Modi's solar goals

India is the largest client of the World Bank, which lent it around \$4.8 billion between FY15-16

GMR Energy offloads stake to Adani Transmission for Rs 100 cr

GMR said equity consideration for the transaction involving both the projects is Rs 100 crore

Suzlon to benefit from govt focus on renewables

SUEL expects industry installations to grow by 17% during FY17

Green energy: SBI inks \$625 million deal with World Bank

This facility will help SBI in financing Grid Connected Rooftop Solar Photovoltaic projects at competitive rates

Power trade rises 7%, average price stays at Rs2.31 at IEX in June

As per IEX, 3 MUs were lost per day due to congestion

Coal India exploring export options

June production stood at 42.72 mt while the off-take for the month was at 44.96 mt

Puducherry government to implement smart grid project

Puducherry government will implement Rs 46.11 crore on the smart grid pilot project to improve power distribution

CCI clears JSW Energy purchase of JSPL's 1,000 MW power plant

This deal of purchasing the power plant in Raigarh will cost Rs 6,500 crore

Government to hold separate auctions for solar projects using desi modules

It will help the local module manufacturers to boost their sales

India can achieve 1.65 billion units of electricity next year: Piyush Goyal

Rs 1.11 lakh crore would be pumped in for technological upgradation of power infrastructure

Neyveli to pick up 75 per cent in DVCs thermal project

Nayveli Lignite Corporation will buy 75% in DVC's 1200 MW Raghunathpur

Solar power at Rs 2.2 per unit: Possible in Dubai, not in India

For India, the lowest bid of solar was Rs 4.34 per unit by a Finnish company called Fortum Energy

Essar Power finally turns around with Rs 39 crore net in FY16

The company was having a net loss of Rs 684 crore in FY14-15

State power co in Rs 4000 crore dole out to Amravati pvt plant

MSEDCL will be doling out Rs 3,923.57 crore to the 1,350MW Amravati-based private power Rattan India.

TN ready to sell 1,000MW wind power

The state is selling 60MW wind energy each to Goa for a month and Odisha at Rs 4.4 per unit

Amin Group to acquire Jyoti Structures

Jyoti Structures reported a net loss of Rs 502 crore for the fiscal year ended on March 31, 2016

Tata Power to raise Rs 3,500 cr via debentures

Tata Power will issue non-convertible debentures in one or more tranches on a private placement basis

Inox Wind bags 50 mw wind project in Gujarat

Inox Wind will provide Atria with end-to-end solution from development to construction and commissioning

Corporate funding in solar energy down 41% at \$1.7 bn in April-June

Total corporate funding into the solar sector drops to 41% from \$ 2.8 billion to \$ 1.7 billion

Contract signing for Maitree Super Thermal Power Project crucial milestone between India & Bangladesh

It is a new paradigm for mutually beneficial cooperation between two neighbouring countries

Coastal villages brought under World Bank aided project

Underground power cable project worth Rs 12.59 crore will be implemented in Puducherry

NTPC plans new plants at old sites

CEA estimates 10,180 MW of supercritical units can be installed in place of the retired plants

Regulatory Updates

MNRE Request for Proposals for Implementation of Pilot Projects on Renewable Energy for Rural Livelihoods

The Ministry of New and Renewable Energy, Government of India, is implementing a MNRE - UNDP/GEF assisted Project on "Scale Up of Access to Clean Energy for Rural Productive Uses". The project aims at enhancing access to reliable and affordable renewable energy services for rural livelihoods in five districts of each of the three states Assam, Orissa and Madhya Pradesh.

MNRE is inviting proposals from Implementation Agencies/ Micro Entrepreneurs for development and implementation of renewable energy based technology projects for rural livelihoods. Initially the call is for two Districts in each of the state and subsequently proposals will be invited to implement projects in rest of the identified Districts of the three states.

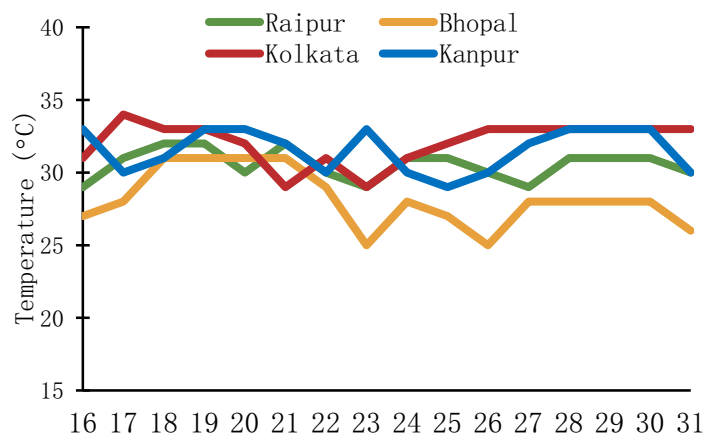
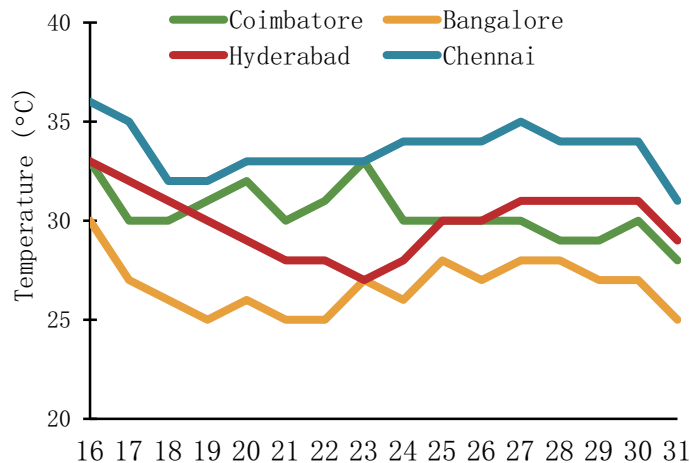
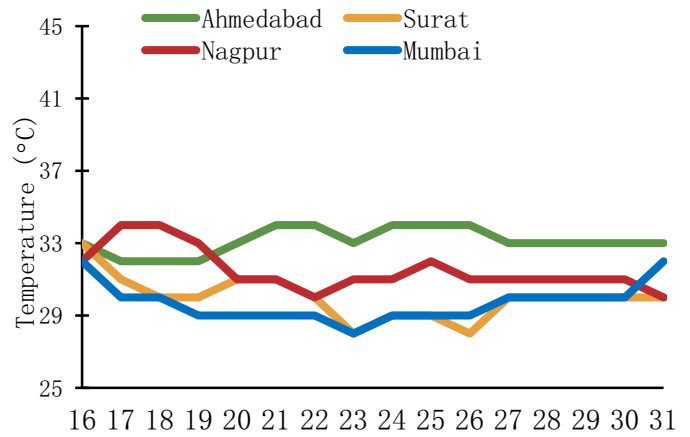
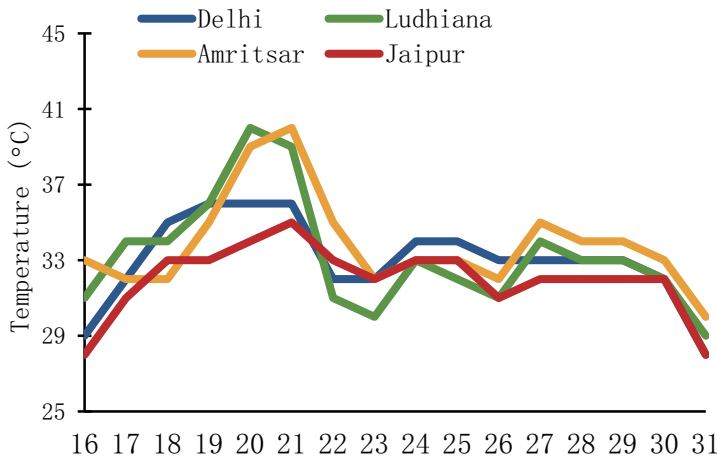
The Renewable Projects include Solar PV Lighting Systems, Biogas Plants, Biomass Waste Briquetting Systems, Solar PV Chilling Systems, Solar Pumps, Solar Dryers, Solar Aerators, Solar Home Lighting Systems, Solar Charkas, Solar Looms and Biomass Cook Stoves pertinent to livelihood sectors Poultry, Dairy, Horticulture, Fisheries, KVIC and Informal Industries.

Uttaranchal ERC approves PPA between UPCL and Grid Interactive Rooftop & Small Solar PV Plants

Commission approved UPCL's PPA for procurement of power from Rooftop and Small PV Plants. Under Suryodaya Swarozgar Yozna, Rooftop & Small Solar PV Generator up to 5kW capacity can be allocated to eligible person. The tariff is determined in accordance with the RE Regulations, 2013 and will also include a component of interest on working capital.

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

Source: AccuWeather



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