

# Installed capacity as on 31.12.2014

Particulars	Capacity (MW)
State Sector	5357.35
Shared Projects	947.95
Central Sector	2575.48
Biomass Projects	97.0
Solar Projects	533.6
Private Sector Conventional Projects	3074.0
<b>TOTAL INSTALLED CAPACITY</b>	<b>12585.38</b>

# 12<sup>TH</sup> & 13<sup>TH</sup> PLAN DEMAND

Demand forecast for 12<sup>th</sup> & 13<sup>th</sup> Plan considering CAGR @ 9.75 %

## 12<sup>TH</sup> PLAN

<b>FY</b>	<b>RTC Power Demand (In MW)</b>	<b>Capacity Required for RTC Demand (In MW)</b>
2013-14	8000	10667
2014-15	8780	11707
2015-16	9636	12848
2016-17	10576	14101

## 13<sup>TH</sup> PLAN

2017-18	11607	15476
2018-19	12738	16984
2019-20	13980	18640
2020-21	15343	20458
2021-22	16839	22453

## FORTHCOMING PROJECTS DURING 12<sup>TH</sup> PLAN

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Particular	Capacity (MW)
State Sector Projects	2740.0
Shared Projects	13.65
Central Sector Projects	689.0
Private Conventional Projects	570.0
Ultra Mega Power Projects	62.0
Biomass & Solar Projects	815.8
Total Forthcoming Projects during 12 <sup>TH</sup> Plan	4890.45
Expected Capacity at the end of 12 <sup>th</sup> Plan	17475.83

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# FORTHCOMING PROJECTS DURING 13<sup>TH</sup> PLAN

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Particular	Capacity (MW)
State Sector Projects	3300.0
Central Sector Projects	2579.5
Private Conventional Projects	1570.0
Ultra Mega Power Projects	1700.0
Biomass & Solar Projects	1525.0
Total Forthcoming Projects during 13 <sup>th</sup> Plan	10674.5
Expected Capacity at the end of 13th Plan	28150.33

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# FORTHCOMING STATE SECTOR GENERATORS DURING 12<sup>TH</sup> PLAN

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Power Plant Name	Expected COD	Capacity(MW)
Kalisindh TPS Unit-2	March, 15	600
Suratgarh Unit No.7	Sept. 16	660
Suratgarh Unit No.8	Dec. 16	660
Chhabra Unit No. 5	Sept. 16	660
Ramgarh Gas Stage IV	March 17	160
TOTAL		<u>2740</u>




# FORTHCOMING CENTRAL SECTOR GENERATORS DURING 12<sup>TH</sup> PLAN

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Power Plant Name	Expected COD	Capacity Share(MW)
Coal Dam HEP	2015-16	86
Parbati HEP Stage-II	2016-17	86
Kishenganga HEP ( 330 MW)	2015-16	36
Tapovan Vishnugarh HEP(4*130 MW)	2016-17	56
Bundled Power Coal Component	2016-17	325
Teesta –III (PSA with PTC)	June-15	100
<b>TOTAL</b>		<b><u>689 MW</u></b>

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# FORTHCOMING SHARED , PRIVATE, UMPP, BIOMASS & SOALR GENERATORS DURING 12<sup>TH</sup> PLAN

Shared Project	Expected COD	Capacity (MW)
Up-rating of Bhakhra Left Bank Units of BBMB	12 <sup>th</sup> Plan	13.65
<b>UMPP</b>		
Sasan Power	April, 2016	62
<b>Private Conventional Project</b>		
Gurha TPS	25.06.2016	70
Case - I	30.11.2016	500
Total		570
Biomass & Solar	12 <sup>th</sup> Plan	815.8
<b>Grand Total</b>		<b><u>1461.45</u></b>



## FORTHCOMING CENTRAL SECTOR GENERATORS DURING 13<sup>TH</sup> PLAN

<b>Power Plant Name</b>	<b>Expected COD</b>	<b>Capacity(MW)</b>
<b>North Karanpura STPS-</b>	<b>2018</b>	<b>195</b>
<b>RAPP Units 7 &amp; 8</b>	<b>2016-17</b>	<b>700</b>
<b>Tehri PSP-</b>	<b>2018-19(May-2018)</b>	<b>100</b>
<b>Subansiri Lower HEP-</b>	<b>2016-18</b>	<b>46.5</b>
<b>Kameng HEP-</b>	<b>2016-17</b>	<b>28</b>
<b>Barsingser TPS Extension-</b>	<b>2017-19</b>	<b>250</b>
<b>Kothlio BHEL Stage IA</b>	<b>13<sup>th</sup> Plan</b>	<b>21</b>
<b>Kotli BHEL HEP Stage-IB</b>	<b>13<sup>th</sup> Plan</b>	<b>34</b>
<b>Kotli BHEL HEP Stage-II</b>	<b>13<sup>th</sup> Plan</b>	<b>57</b>
<b>Lata Tapovan HEP</b>	<b>2018-19</b>	<b>57</b>
<b>Tanda-II</b>	<b>2018-19 &amp; 2019-20</b>	<b>75</b>
<b>Meja TP</b>	<b>2018-19</b>	<b>66</b>
<b>BLTPS</b>	<b>2017-18</b>	<b>250</b>
<b>Banswara Nuclear Power Plant</b>	<b>13<sup>th</sup> Plan</b>	<b>700</b>
<b>* Pakaldul HEP (1000 MW)</b>	<b>13<sup>th</sup> Plan</b>	<b>*0</b>
<b>* Derasri HEP (300 MW)</b>	<b>13<sup>th</sup> Plan</b>	<b>*0</b>
<b>* Bilhaur TPS (2*660 MW)</b>	<b>13<sup>th</sup> Plan</b>	<b>*0</b>
<b>* Gidderbha TPS (4*660 MW)</b>	<b>13<sup>th</sup> Plan</b>	<b>*0</b>
<b>TOTAL</b>		<b>2579.5</b>

**Note:- \* Allocation of capacity still pending therefore not considered**



# FORTHCOMING STATE SECTOR GENERATORS DURING 13<sup>TH</sup> PLAN

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Power Plant Name	Expected COD	Capacity (MW)
Chhabra TPS No.06	June,18	660
KalisindhTPSUnit 3&4	13 <sup>th</sup> Plan	1320
BanswaraTPSUnit- 1&2	13 <sup>th</sup> Plan	1320
TOTAL		<u>3300 MW</u>

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## FORTHCOMING PRIVATE, UMPP, BIOMASS & SOLAR GENERATORS DURING 13<sup>TH</sup> PLAN

Power Plant Name	Expected COD	Capacity(MW)
<b>Private Conventional Project</b>		
Banswara TPS U-I&II	13 <sup>th</sup> Plan	1320
Giral TPS U-III&IV	13 <sup>th</sup> Plan	250
Total		<u>1570</u>
<b>UMPP</b>		
Bedabahar(Orissa)	13 <sup>th</sup> Plan	400
Tilaya (Jharkhand)	13 <sup>th</sup> Plan	250
Giye-Munge ( Maharastara)	13 <sup>th</sup> Plan	500
Tadari ( Karnataka)	13 <sup>th</sup> Plan	300
Orissa-I	13 <sup>th</sup> Plan	250
Total		1700
<b>Biomass &amp; Solar</b>		<b>1525</b>
<b>Total</b>		<b>4795</b>