

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
STARRED QUESTION NO.367  
TO BE ANSWERED ON 11.08.2016**

**POWER GENERATION**

**†\*367. SHRI ANANTKUMAR HEGDE:**

**Will the Minister of POWER  
be pleased to state:**

- (a) the details of various power projects commissioned during the last two years and the current-year, along with the quantum of electricity generated thereof;**
- (b) whether electricity production registered an increase in the country during the year 2016-17 and if so, the rate of increase registered during the current year in comparison to the last year;**
- (c) whether the rate of increase is different in public and private sectors, and if so, the details thereof; and**
- (d) whether the production cost of electricity has been reduced and if so, the details thereof?**

**A N S W E R**

**THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,  
COAL, NEW & RENEWABLE ENERGY AND MINES**

**( SHRI PIYUSH GOYAL )**

**(a) to (d) : A Statement is laid on the Table of the House.**

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## STATEMENT

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (d) OF STARRED QUESTION NO.367 TO BE ANSWERED IN THE LOK SABHA ON 11.08.2016 REGARDING POWER GENERATION.**

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**(a) : The details of various power projects commissioned during the last two years and the current year, along with the quantum of electricity generated thereof is given at Annex.**

**(b) : The electricity generation in the country increased to 391,163.27 Million Units (MUs) during the year 2016-17 (April, 2016 to July, 2016) from 365,146.09 MUs during 2015-16 (April, 2015 to July, 2015), thus registering a growth of 7.13%.**

**(c) : The electricity production in public and private sectors in the country during 2016-17 (April, 2016 – July, 2016) vis-à-vis 2015-16 (April, 2015–July, 2015) is given below :**

<b>Sector</b>	<b>2016-17 (April to July)</b>	<b>2015-16 (April to July)</b>	<b>% increase</b>
<b>Public Sector (Central + State)</b>	<b>265,293.66</b>	<b>255,237.2</b>	<b>3.94</b>
<b>Private Sector</b>	<b>123,885.45</b>	<b>107,777.67</b>	<b>14.95</b>

**(d) : The cost of power of various generating stations is determined by the appropriate commission. The cost of power of Central Generating Stations including NTPC Ltd. is determined by the Central Electricity Regulatory Commission (CERC).**

**As per information received from NTPC Ltd., the cost of power as billed to the power utilities from its thermal power stations for the current year 2016-17 (April, 2016 to June, 2016) has reduced to Rs.3.04 per kWh from Rs.3.19 per kWh during the corresponding period last year i.e. 2015-16 (April, 2015 to June, 2015). This is mainly on account of rationalization of freight charges for domestic coal and reduction of imports.**

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## ANNEX

ANNEX REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 367 TO BE ANSWERED IN THE LOK SABHA ON 11.08.2016 REGARDING POWER GENERATION.

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<b>DETAILS OF POWER STATION PROJECTS COMMISSIONED DURING 2014-15, 2015-16 AND 2016-17 (UP TO JULY, 2016) AND THE GENERATION</b>						
Power Station / Unit	Unit No.	Capacity (MW)	State	Generation (MU)		
				2016-17 (Upto July, 2016)*	2015-16	2014-15
GOINDWAL SAHIB TPP	1	270	PUNJAB	30.18	36.98	-
GOINDWAL SAHIB TPP	2	270	PUNJAB	105.86	17.41	-
RAJPURA TPP	2	700	PUNJAB	1623.21	4102.92	2748.4
TALWANDI SABO TPP	1	660	PUNJAB	-	-	-
TALWANDI SABO TPP	2	660	PUNJAB	846.8	2296.89	1522.7
TALWANDI SABO TPP	3	660	PUNJAB	1126.66	944.91	-
CHHABRA TPP	4	250	RAJASTHAN	512.62	1478.16	409.12
KALISINDH TPS	1	600	RAJASTHAN	1296.2	3546.02	1209.12
KALISINDH TPS	2	600	RAJASTHAN	705.89	2436.74	-
RAMGARH CCPP	6	50	RAJASTHAN	81.14	179.27	136.95
ANPARA TPS	6	500	UTTAR PRADESH	502.65	47.19	-
ANPARA TPS	7	500	UTTAR PRADESH	320.75	126.08	-
PRAYAGRAJ TPP	1	660	UTTAR PRADESH	911.17	234.78	-
LALITPUR TPS	1	660	UTTAR PRADESH	649.38	27.76	-
LALITPUR TPS	2	660	UTTAR PRADESH	-	-	-
LALITPUR TPS	3	660	UTTAR PRADESH	4.59	-	-
DHUVARAN CCPP	5	376.1	GUJARAT	-	10.62	11.62
SIKKA REP. TPS	3	250	GUJARAT	182.27	699.13	3.07
SIKKA REP. TPS	4	250	GUJARAT	386.08	140.06	-
BHAVNAGAR CFBC TPP	1	250	GUJARAT	-	-	-
DGEN MEGA CCPP	2	400	GUJARAT	-	750.06	-
SHRI SINGHAJI TPP	2	600	MADHYA PRADESH	-	2153.15	314.31
MARWA TPS	2	500	CHHATTISGARH	105.2	-	-
SASAN UMTTP	1	660	MADHYA PRADESH	1738	5210.81	4137.37
SASAN UMTTP	5	660	MADHYA PRADESH	1818.31	5321.77	1770.47
SASAN UMTTP	6	660	MADHYA PRADESH	1640.54	5274.46	190.91
SEIONI TPP	1	600	MADHYA PRADESH	193.67	3.96	-
NIGRI TPP	1	660	MADHYA PRADESH	1275.88	2894.24	1688.79
NIGRI TPP	2	660	MADHYA PRADESH	1385.33	2451.94	69.39
ANUPPUR TPP	1	600	MADHYA PRADESH	1144.82	2873.04	-
ANUPPUR TPP	2	600	MADHYA PRADESH	126.07	17.68	-
VINDHYACHAL STPS	13	500	MADHYA PRADESH	1307.86	1475.49	-
SWASTIK KORBA TPP	1	25	CHHATTISGARH	-	-	-
RAIKHEDA TPP	1	685	CHHATTISGARH	278.41	701.94	21.65
RAIKHEDA TPP	2	685	CHHATTISGARH	176.81	88.29	-
BALCO TPS	1	300	CHHATTISGARH	535.52	1521.34	-
BALCO TPS	2	300	CHHATTISGARH	545.07	59.63	-
SALORA TPP	1	135	CHHATTISGARH	-	-	137.12
AKALTARA TPS	4	600	CHHATTISGARH	1349.85	2894.36	404.91
BARADARHA TPS	2	600	CHHATTISGARH	1026.04	92.52	1.65
TAMNAR TPP	3	600	CHHATTISGARH	478.68	66.36	-
TAMNAR TPP	4	600	CHHATTISGARH	-	-	5.88
BANDAKHAR TPP	1	300	CHHATTISGARH	127.83	216.22	-
UCHPINDA TPP	1	360	CHHATTISGARH	-	87.7	-
UCHPINDA TPP	2	360	CHHATTISGARH	-	35.34	-
MAUDA TPS	3	660	MAHARASHTRA	2.86	3.89	-
KORADI TPS	8	660	MAHARASHTRA	1053.66	1124.86	-

KORADI TPS	9	660	MAHARASHTRA	285.64	71.5	-
PARLI TPS	8	250	MAHARASHTRA	-	-	-
CHANDRAPUR (MAHARAS)	8	500	MAHARASHTRA	217.52	196.55	-
CHANDRAPUR (MAHARAS)	9	500	MAHARASHTRA	3.85	-	-
TIRORA TPS	5	660	MAHARASHTRA	766.72	4227.89	1741.94
AMARAVATI TPS	3	270	MAHARASHTRA	266.16	1278.42	10.14
AMARAVATI TPS	4	270	MAHARASHTRA	324.31	1183.68	28.03
AMARAVATI TPS	5	270	MAHARASHTRA	175.25	633.4	17.62
DHARIWAL TPP	2	300	MAHARASHTRA	507.1	369.16	173.92
DAMODARAM SANJEEVAI	1	800	ANDHRA PRADESH	1117.75	2948.11	811.88
DAMODARAM SANJEEVAI	2	800	ANDHRA PRADESH	1664.27	2065.27	270.32
KAKATIYA TPS	2	600	TELANGANA	1026.68	427.48	-
SINGARENI TPP	1	600	TELANGANA	128.16	1.17	-
SIMHAPURI TPS	4	150	ANDHRA PRADESH	257.07	1132.08	-
VIZAG TPP	1	520	ANDHRA PRADESH	519.91	463.75	-
VIZAG TPP	2	520	ANDHRA PRADESH	339.87	0.96	-
PAINAMPURAM TPP	1	660	ANDHRA PRADESH	1791.74	4233.49	5.6
PAINAMPURAM TPP	2	660	ANDHRA PRADESH	1009	2655.54	-
KONDAPALLI ST-3 CCPP	1	371	ANDHRA PRADESH	451.55	497.28	-
KONDAPALLI ST-3 CCPP	2	371	ANDHRA PRADESH	171.27	118.27	-
GREL CCPP (Rajahmundry)	1	240	ANDHRA PRADESH	14.64	589.64	-
GREL CCPP (Rajahmundry)	2	144	ANDHRA PRADESH	8.73	-	-
GREL CCPP (Rajahmundry)	3	240	ANDHRA PRADESH	141.04	-	-
GREL CCPP (Rajahmundry)	4	144	ANDHRA PRADESH	83.31	-	-
BELLARY TPS	3	700	KARNATAKA	83	24.57	-
YERMARUS TPP	1	800	KARNATAKA	-	1.05	-
MUTHIARA TPP	1	600	TAMIL NADU	1007.89	2324.45	1092.69
MUTHIARA TPP	2	600	TAMIL NADU	477.57	464.31	-
NEYVELI TPS-II EXP	2	250	TAMIL NADU	250.94	423.33	-
TUTICORIN (JV) TPP	1	500	TAMIL NADU	1002.65	1904.33	6.79
TUTICORIN (JV) TPP	2	500	TAMIL NADU	939.95	1653.78	-
KUDANKULAM	1	1000	TAMIL NADU	2896.63	2261.26	2610.52
ITPCL TPP	1	600	TAMIL NADU	697.69	1131.38	-
ITPCL TPP	2	600	TAMIL NADU	512.84	-	-
MUZAFFARPUR TPS	3	195	BIHAR	-	2.88	0.02
BARH II	5	660	BIHAR	1270.51	851.54	0.71
NABI NAGAR TPP	1	250	BIHAR	-	0.13	-
BOKARO TPS `A` EXP	1	500	JHARKHAND	-	0.3	-
RAGHUNATHPUR TPP	1	600	WEST BENGAL	546.6	148.56	12.27
RAGHUNATHPUR TPP	2	600	WEST BENGAL	-	108.98	-
DERANG TPP	1	600	ORISSA	1140.67	3245.78	348.22
DERANG TPP	2	600	ORISSA	1328.76	2997.82	167.23
IND BARATH TPP	1	350	ORISSA	-	21.58	-
SAGARDIGHI TPS	3	500	WEST BENGAL	162.1	-	-
HALDIA TPP	1	300	WEST BENGAL	704.1	2045.3	265.3
HALDIA TPP	2	300	WEST BENGAL	720.03	1587.96	90.93
BONGAIGAON TPP	1	250	ASSAM	565.23	117.12	-
AGARTALA GT	6	25.5	TRIPURA	49.94	131.38	5.7
TRIPURA CCPP	2	363.3	TRIPURA	630.4	1338.39	304.44
MONARCHAK CCPP	1	65.4	TRIPURA	12.93	127.06	0.7
MONARCHAK CCPP	2	35.6	TRIPURA	-	-	-

<b>PARBATI-III HPS</b>	<b>4</b>	<b>130</b>	<b>HIMACHAL PRADESH</b>	<b>196.85</b>	<b>269.85</b>	<b>31.2</b>
<b>RAMPUR HPS</b>	<b>3</b>	<b>68.67</b>	<b>HIMACHAL PRADESH</b>	<b>169.1</b>	<b>313.36</b>	<b>129.9</b>
<b>RAMPUR HPS</b>	<b>4</b>	<b>68.67</b>	<b>HIMACHAL PRADESH</b>	<b>169.19</b>	<b>325.13</b>	<b>211.19</b>
<b>RAMPUR HPS</b>	<b>6</b>	<b>68.67</b>	<b>HIMACHAL PRADESH</b>	<b>151.17</b>	<b>370.05</b>	<b>41.1</b>
<b>KOLDAM</b>	<b>1</b>	<b>200</b>	<b>HIMACHAL PRADESH</b>	<b>426.32</b>	<b>559.63</b>	<b>0.12</b>
<b>KOLDAM</b>	<b>2</b>	<b>200</b>	<b>HIMACHAL PRADESH</b>	<b>412.24</b>	<b>581.26</b>	<b>0.13</b>
<b>KOLDAM</b>	<b>3</b>	<b>200</b>	<b>HIMACHAL PRADESH</b>	<b>410.59</b>	<b>565.45</b>	<b>-</b>
<b>KOLDAM</b>	<b>4</b>	<b>200</b>	<b>HIMACHAL PRADESH</b>	<b>389.83</b>	<b>602.26</b>	<b>-</b>
<b>KASHANG-I</b>	<b>1</b>	<b>65</b>	<b>HIMACHAL PRADESH</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BAGLIHAR II HPS</b>	<b>1</b>	<b>150</b>	<b>JAMMU AND KASHMIR</b>	<b>308.99</b>	<b>53.03</b>	<b>-</b>
<b>BAGLIHAR II HPS</b>	<b>2</b>	<b>150</b>	<b>JAMMU AND KASHMIR</b>	<b>349.03</b>	<b>2.57</b>	<b>-</b>
<b>BAGLIHAR II HPS</b>	<b>3</b>	<b>150</b>	<b>JAMMU AND KASHMIR</b>	<b>326.24</b>	<b>-</b>	<b>-</b>
<b>SRINAGAR HPS</b>	<b>1</b>	<b>82.5</b>	<b>UTTARAKHAND</b>	<b>148.65</b>	<b>245.64</b>	<b>-</b>
<b>SRINAGAR HPS</b>	<b>2</b>	<b>82.5</b>	<b>UTTARAKHAND</b>	<b>141</b>	<b>221.46</b>	<b>-</b>
<b>SRINAGAR HPS</b>	<b>3</b>	<b>82.5</b>	<b>UTTARAKHAND</b>	<b>131.79</b>	<b>239.88</b>	<b>-</b>
<b>SRINAGAR HPS</b>	<b>4</b>	<b>82.5</b>	<b>UTTARAKHAND</b>	<b>122.33</b>	<b>194.39</b>	<b>-</b>
<b>LOWER JURALA HPS</b>	<b>1</b>	<b>40</b>	<b>TELANGANA</b>	<b>22.65</b>	<b>8.98</b>	<b>-</b>
<b>LOWER JURALA HPS</b>	<b>2</b>	<b>40</b>	<b>TELANGANA</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>LOWER JURALA HPS</b>	<b>3</b>	<b>40</b>	<b>TELANGANA</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>LOWER JURALA HPS</b>	<b>4</b>	<b>40</b>	<b>TELANGANA</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>TEESTA LOW DAM-IV HPS</b>	<b>1</b>	<b>40</b>	<b>WEST BENGAL</b>	<b>94.18</b>	<b>17.6</b>	<b>-</b>
<b>TEESTA LOW DAM-IV HPS</b>	<b>2</b>	<b>40</b>	<b>WEST BENGAL</b>	<b>84.42</b>	<b>1.17</b>	<b>-</b>
<b>TEESTA LOW DAM-IV HPS</b>	<b>3</b>	<b>40</b>	<b>WEST BENGAL</b>	<b>16.47</b>	<b>-</b>	<b>-</b>
<b>JORETHANG LOOP</b>	<b>1</b>	<b>48</b>	<b>SIKKIM</b>	<b>62.64</b>	<b>36.21</b>	<b>-</b>
<b>JORETHANG LOOP</b>	<b>2</b>	<b>48</b>	<b>SIKKIM</b>	<b>71.16</b>	<b>38.85</b>	<b>-</b>
<b>*</b>	<b>PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT</b>					
<b>Note:</b>	<b>Generation from conventional sources (Thermal, Hydro and Nuclear) stations of 25 MW and above only.</b>					

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