

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
STARRED QUESTION NO.6  
TO BE ANSWERED ON 02.02.2017**

**PLANT LOAD FACTOR**

**\*6. SHRI JANARDAN SINGH SIGRIWAL:**

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

- (a) the average Plant Load Factor (PLF) of various thermal Power Plants in the country, public and private-sector, separately, State-wise;**
- (b) whether the Government has assessed the reasons for the under utilization of their capacity and if so, the details thereof; and**
- (c) whether the Government proposes to set up more coal-based power plants in the country in the near future 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 (c) : A Statement is laid on the Table of the House.**

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## STATEMENT

**STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.6 TO BE ANSWERED IN THE LOK SABHA ON 02.02.2017 REGARDING PLANT LOAD FACTOR.**

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**(a) : The average Plant Load Factor (PLF) of the thermal power stations in the country for the period from April, 2016 to December, 2016 is 59.64%. The Sector-wise and State-wise PLF of various thermal (coal/lignite based) stations in the country from April, 2014 to December, 2016 is given at Annex-I.**

**(b) : The reasons for under-utilization of plants include, inter alia, rapid increase in generation capacity including massive expansion of renewables, conservation of energy because of efficiency measures and low availability of gas for gas based thermal power stations.**

**(c) : As per the Electricity Act 2003 section (7), "Any generating company may establish, operate and maintain a generating station without obtaining a license if it complies with the technical standards relating to connectivity with the grid". Presently, 71000 MW coal based thermal power plants are under various stages of construction. The sector-wise details of capacity addition is given at Annex-II.**

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**ANNEX REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 06 TO BE ANSWERED IN THE LOK SABHA ON 02.02.2017 REGARDING PLANT LOAD FACTOR.**

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**Average Plant Load Factor (PLF) of Thermal (Coal / Lignite based only) Power Stations Sector-wise, State-wise and Station-wise**

Sector	Region	State	NAME OF THE STATION	Monitored Capacity as on 31.12.2016 MW	% Plant Load Factor (PLF)		
					2016-17 (upto- Dec. 16)*	2015-16	2014-15
CENTRAL	NR	DELHI	BADARPUR TPS	705	36.6	36.19	53.13
		DELHI Total		705	36.6	36.19	53.13
		HARYANA	INDIRA GANDHI STPP	1500	45.6	44.01	53.45
		HARYANA Total		1500	45.6	44.01	53.45
		RAJASTHAN	BARSINGSAR LIGNITE	250	59.08	58.54	63.04
		RAJASTHAN Total		250	59.08	61.47	63.04
		UTTAR PRADESH	DADRI (NCTPP)	1820	61.12	62.85	77.05
			RIHAND STPS	3000	82.98	79.9	80.91
			SINGRAULI STPS	2000	85.34	92.61	82.86
			TANDA TPS	440	83.45	80.88	82.02
		UNCHAHAH TPS	1050	74.98	76.04	82.86	
		UTTAR PRADESH Total		8310	77.77	78.79	80.84
	WR	CHHATTISGARH	BHILAI TPS	500	83.09	80.82	74
			KORBA STPS	2600	87.31	89.45	88.08
			SIPAT STPS	2980	89.73	85.14	83.41
		CHHATTISGARH Total		6080	88.15	86.63	84.63
		MADHYA PRADESH	VINDHYACHAL STPS	4760	74.67	79.46	79.25
		MADHYA PRADESH Total		4760	74.67	79.46	79.25
		MAHARASHTRA	MAUDA TPS	1660	38.31	21.31	26.38
		MAHARASHTRA Total		1660	38.31	21.31	26.38
		SR	ANDHRA PRADESH	SIMHADRI	2000	80.93	82.36
ANDHRA PRADESH Total					2000	80.93	82.36
KARNATAKA	KUDGI STPP		800	0			
KARNATAKA Total			800	0			
TAMIL NADU	NEYVELI ( EXT) TPS		420	88.37	88.62	92	
	NEYVELI TPS- I		600	68.15	59.98	69.09	
	NEYVELI TPS-II		1470	83.74	81.96	86.44	
	NEYVELI TPS-II EXP		500	29.64	0	0	
	TUTICORIN (JV) TPP		1000	69.79	56.18	0	
	VALLUR TPP		1500	67.02	58.57	62.7	
TAMIL NADU Total			5490	70.35	68.57	77.15	
TELANGANA	RAMAGUNDEM STPS		2600	83.7	88.67	89.75	
TELANGANA Total			2600	83.7	88.67	89.75	
ER	BIHAR		BARH II	1320	62.33	67.74	40.43
		KAHALGAON TPS	2340	78.41	74.32	76.19	
		MUZAFFARPUR TPS	415	46.99	40.31	46.47	
		NABI NAGAR TPP	250	0	0	0	
	BIHAR Total		4325	71.15	70.6	68.78	
	DVC	BOKARO `B` TPS	630	29.36	33.61	29.61	
		BOKARO TPS `A` EXP	500	0	0	0	
		CHANDRAPURA(DVC) TPS	890	72.95	64.96	63.84	
		DURGAPUR STEEL TPS	1000	73.67	50.55	44.09	
		DURGAPUR TPS	210	15.03	30.28	43.7	
KODARMA TPP		1000	45.02	37.87	22.64		
DVC Total	MEJIA TPS	2340	60.56	58.31	56.78		
	RAGHUNATHPUR TPP	1200	18.89	0	0		
	DVC Total		7770	50.36	50.67	47.09	
	JHARKHAND	PATRATU TPS**	455	9.13	8.78	11.47	
JHARKHAND Total		455	9.13	8.78	11.47		
ODISHA	TALCHER (OLD) TPS	460	91.68	92.33	93.9		
	TALCHER STPS	3000	85.15	90.95	90.18		
	ODISHA Total		3460	86.01	91.13	90.67	

		<b>WEST BENGAL</b>	<b>FARAKKA STPS</b>	<b>2100</b>	<b>73</b>	<b>67.01</b>	<b>72.73</b>
		<b>WEST BENGAL Total</b>		<b>2100</b>	<b>73</b>	<b>67.01</b>	<b>72.73</b>
	<b>NER</b>	<b>ASSAM</b>	<b>BONGAIGAON TPP</b>	<b>250</b>	<b>76.31</b>	<b>0</b>	<b>0</b>
		<b>ASSAM Total</b>		<b>250</b>	<b>76.31</b>	<b>0</b>	<b>0</b>
<b>CENTRAL Total</b>				<b>52515</b>	<b>70.97</b>	<b>72.52</b>	<b>73.96</b>
<b>STATE</b>	<b>NR</b>	<b>DELHI</b>	<b>RAJGHAT TPS</b>	<b>135</b>	<b>0</b>	<b>3.93</b>	<b>35.81</b>
		<b>DELHI Total</b>		<b>135</b>	<b>0</b>	<b>3.93</b>	<b>35.81</b>
		<b>HARYANA</b>	<b>PANIPAT TPS</b>	<b>920</b>	<b>28.65</b>	<b>14.27</b>	<b>36.96</b>
			<b>RAJIV GANDHI TPS</b>	<b>1200</b>	<b>38.83</b>	<b>43.97</b>	<b>54.2</b>
			<b>YAMUNA NAGAR TPS</b>	<b>600</b>	<b>69.96</b>	<b>76.97</b>	<b>66.89</b>
		<b>HARYANA Total</b>		<b>2720</b>	<b>42.26</b>	<b>37.45</b>	<b>49.19</b>
		<b>PUNJAB</b>	<b>GH TPS (LEH.MOH.)</b>	<b>920</b>	<b>41.46</b>	<b>38.83</b>	<b>55.93</b>
			<b>GND TPS(BHATINDA)</b>	<b>440</b>	<b>24.06</b>	<b>23.76</b>	<b>37.17</b>
			<b>ROPAR TPS</b>	<b>1260</b>	<b>32.79</b>	<b>35.77</b>	<b>51.92</b>
		<b>PUNJAB Total</b>		<b>2620</b>	<b>34.37</b>	<b>34.83</b>	<b>50.85</b>
		<b>RAJASTHAN</b>	<b>CHHABRA TPP</b>	<b>1000</b>	<b>75.2</b>	<b>45.44</b>	<b>65.07</b>
			<b>GIRAL TPS</b>	<b>250</b>	<b>0</b>	<b>12.53</b>	<b>16.31</b>
			<b>KALISINDH TPS</b>	<b>1200</b>	<b>48.61</b>	<b>67.28</b>	<b>25.77</b>
			<b>KOTA TPS</b>	<b>1240</b>	<b>72.14</b>	<b>71.52</b>	<b>81.99</b>
			<b>SURATGARH TPS</b>	<b>1500</b>	<b>40.35</b>	<b>45.18</b>	<b>76.82</b>
		<b>RAJASTHAN Total</b>		<b>5190</b>	<b>54.62</b>	<b>53.93</b>	<b>66.67</b>
		<b>UTTAR PRADESH</b>	<b>ANPARA TPS</b>	<b>2630</b>	<b>69.2</b>	<b>83.78</b>	<b>74.15</b>
			<b>HARDUAGANJ TPS</b>	<b>665</b>	<b>73.03</b>	<b>64.82</b>	<b>61.82</b>
			<b>OBRA TPS</b>	<b>1278</b>	<b>30.38</b>	<b>35.27</b>	<b>32.1</b>
			<b>PANKI TPS</b>	<b>210</b>	<b>49.97</b>	<b>29.06</b>	<b>53.38</b>
			<b>PARICHHA TPS</b>	<b>1140</b>	<b>72.43</b>	<b>67.58</b>	<b>63.44</b>
		<b>UTTAR PRADESH Total</b>		<b>5923</b>	<b>60.37</b>	<b>62.54</b>	<b>58.2</b>
	<b>WR</b>	<b>CHHATTISGARH</b>	<b>DSPM TPS</b>	<b>500</b>	<b>94.15</b>	<b>90.74</b>	<b>85.59</b>
			<b>KORBA-II</b>	<b>200</b>	<b>56.7</b>	<b>45.22</b>	<b>54.24</b>
			<b>KORBA-III</b>	<b>240</b>	<b>69.94</b>	<b>68.51</b>	<b>59.99</b>
			<b>KORBA-WEST TPS</b>	<b>1340</b>	<b>75.31</b>	<b>76.85</b>	<b>82.06</b>
			<b>MARWA TPS</b>	<b>1000</b>	<b>27.28</b>	<b>0</b>	<b>0</b>
		<b>CHHATTISGARH Total</b>		<b>3280</b>	<b>64.53</b>	<b>76.24</b>	<b>78.07</b>
		<b>GUJARAT</b>	<b>AKRIMOTA LIG TPS</b>	<b>250</b>	<b>63.3</b>	<b>65</b>	<b>62.04</b>
			<b>BHAVNAGAR CFBC TPP</b>	<b>250</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>GANDHI NAGAR TPS</b>	<b>870</b>	<b>28.48</b>	<b>35.75</b>	<b>44.49</b>
			<b>KUTCH LIG. TPS</b>	<b>290</b>	<b>60.77</b>	<b>63.65</b>	<b>64.27</b>
			<b>SIKKA REP. TPS</b>	<b>740</b>	<b>29.44</b>	<b>17.29</b>	<b>44.85</b>
			<b>UKAI TPS</b>	<b>1350</b>	<b>47.71</b>	<b>46.84</b>	<b>56.69</b>
			<b>WANAKBORI TPS</b>	<b>1470</b>	<b>30.47</b>	<b>43.86</b>	<b>57.73</b>
		<b>GUJARAT Total</b>		<b>5220</b>	<b>38.07</b>	<b>44.22</b>	<b>54.81</b>
		<b>MADHYA PRADESH</b>	<b>AMARKANTAK EXT TPS</b>	<b>210</b>	<b>75.18</b>	<b>61.6</b>	<b>57.44</b>
			<b>SANJAY GANDHI TPS</b>	<b>1340</b>	<b>54.41</b>	<b>59.92</b>	<b>58.13</b>
			<b>SATPURA TPS</b>	<b>1330</b>	<b>29.3</b>	<b>47.15</b>	<b>52.07</b>
			<b>SHRI SINGHAJI TPP</b>	<b>1200</b>	<b>21.59</b>	<b>40.32</b>	<b>26.07</b>
		<b>MADHYA PRADESH Total</b>		<b>4080</b>	<b>37.64</b>	<b>50.41</b>	<b>49.78</b>
		<b>MAHARASHTRA</b>	<b>BHUSAWAL TPS</b>	<b>1420</b>	<b>44.78</b>	<b>64.83</b>	<b>47.38</b>
			<b>CHANDRAPUR(MAHARASHTRA)</b>	<b>2920</b>	<b>65.07</b>	<b>59.18</b>	<b>61.02</b>
			<b>KHAPARKHEDA TPS</b>	<b>1340</b>	<b>64.43</b>	<b>69.3</b>	<b>70.37</b>
			<b>KORADI TPS</b>	<b>2600</b>	<b>35.62</b>	<b>20.2</b>	<b>25.58</b>
			<b>NASIK TPS</b>	<b>630</b>	<b>61.82</b>	<b>78.21</b>	<b>76.14</b>
			<b>PARAS TPS</b>	<b>500</b>	<b>73.91</b>	<b>79.97</b>	<b>66.9</b>
			<b>PARLI TPS</b>	<b>1170</b>	<b>9.62</b>	<b>13.3</b>	<b>46.3</b>
		<b>MAHARASHTRA Total</b>		<b>10580</b>	<b>51.1</b>	<b>53.42</b>	<b>55.32</b>
	<b>SR</b>	<b>ANDHRA PRADESH</b>	<b>DAMODARAM SANJEEVAIAH TPS</b>	<b>1600</b>	<b>61.99</b>	<b>41.59</b>	<b>5.65</b>
			<b>Dr. N.TATA RAO TPS</b>	<b>1760</b>	<b>75.64</b>	<b>78.09</b>	<b>82.95</b>
			<b>RAYALASEEMA TPS</b>	<b>1050</b>	<b>73.47</b>	<b>79.07</b>	<b>77.88</b>
		<b>ANDHRA PRADESH Total</b>		<b>4410</b>	<b>70.17</b>	<b>67.01</b>	<b>77.74</b>
		<b>KARNATAKA</b>	<b>BELLARY TPS</b>	<b>1700</b>	<b>69.26</b>	<b>69.55</b>	<b>66.29</b>
			<b>RAICHUR TPS</b>	<b>1720</b>	<b>73.6</b>	<b>75.61</b>	<b>72.87</b>
			<b>YERMARUS TPP</b>	<b>800</b>	<b>0</b>		
		<b>KARNATAKA Total</b>		<b>4220</b>	<b>72</b>	<b>73.38</b>	<b>70.45</b>

		<b>TAMIL NADU</b>	<b>ENNORE TPS</b>	450	6.46	11.19	15.77
			<b>METTUR TPS</b>	1440	70.05	78.3	73.19
			<b>NORTH CHENNAI TPS</b>	1830	61.43	68.1	61.11
			<b>TUTICORIN TPS</b>	1050	63.77	76.79	83.42
		<b>TAMIL NADU Total</b>		4770	59.36	67.72	65.48
		<b>TELANGANA</b>	<b>KAKATIYA TPS</b>	1100	63.29	72.96	93.75
			<b>KOTHAGUEDEM TPS</b>	720	61.03	70.1	70.21
			<b>KOTHAGUEDEM TPS (NEW)</b>	1000	71.97	75.55	83.69
			<b>RAMAGUNDEM - B TPS</b>	62.5	81.21	72.75	35.32
		<b>TELANGANA Total</b>		4082.5	66.12	73.19	80.32
	<b>ER</b>	<b>BIHAR</b>	<b>BARAUNI TPS</b>	210	3.64	0	0
		<b>BIHAR Total</b>		210	3.64	0	0
		<b>JHARKHAND</b>	<b>TENUGHAT TPS</b>	420	37.99	71.47	64.7
		<b>JHARKHAND Total</b>		420	37.99	71.47	64.7
		<b>ODISHA</b>	<b>IB VALLEY TPS</b>	420	84.88	84.5	76.07
		<b>ODISHA Total</b>		420	84.88	84.5	76.07
		<b>WEST BENGAL</b>	<b>BAKRESWAR TPS</b>	1050	77.02	72.31	87.09
			<b>BANDEL TPS</b>	450	45.13	28.03	27.77
			<b>D.P.L. TPS</b>	880	27.78	21.68	19.14
			<b>KOLAGHAT TPS</b>	1260	57.31	52.1	65.22
			<b>SAGARDIGHI TPS</b>	1100	71.17	51.52	78.09
			<b>SANTALDIH TPS</b>	500	43.2	42.95	40.12
		<b>WEST BENGAL Total</b>		5240	54.31	48.46	57.21
<b>STATE Total</b>				63520.5	53.70	55.41	59.83
<b>PVT</b>	<b>NR</b>	<b>HARYANA</b>	<b>MAHATMA GANDHI TPS</b>	1320	25.53	42.71	56.54
		<b>HARYANA Total</b>		1320	25.53	42.71	56.54
		<b>PUNJAB</b>	<b>GOINDWAL SAHIB TPP</b>	540	5.82	0	0
			<b>RAJPURA TPP</b>	1400	76.62	62.64	55.09
			<b>TALWANDI SABO TPP</b>	1980	48.83	39.62	34.77
		<b>PUNJAB Total</b>		3920	53.64	55.26	49.53
		<b>RAJASTHAN</b>	<b>JALIPA KAPURDI TPP</b>	1080	70.9	76.06	77.71
			<b>KAWAI TPS</b>	1320	69.84	74.9	68.03
		<b>RAJASTHAN Total</b>		2400	70.31	75.42	72.38
		<b>UTTAR PRADESH</b>	<b>ANPARA C TPS</b>	1200	82.65	81.95	79.34
			<b>BARKHERA TPS</b>	90	60.44	43.05	71.28
			<b>KHAMBARKHERA TPS</b>	90	59.97	40.58	66.92
			<b>KUNDARKI TPS</b>	90	73.16	47.36	68.09
			<b>LALITPUR TPS</b>	1980	32.89	0	0
			<b>MAQSOODPUR TPS</b>	90	65.74	39.54	66.92
			<b>PRAYAGRAJ TPP</b>	1320	42.77	17.99	0
			<b>ROSA TPP Ph-I</b>	1200	80.78	66.97	81.73
			<b>UTRAULA TPS</b>	90	64.59	52.04	68.39
		<b>UTTAR PRADESH Total</b>		6150	62.98	68.74	78.61
	<b>WR</b>	<b>CHHATTISGARH</b>	<b>AKALTARA TPS</b>	1200	58.81	60.41	38.51
			<b>AVANTHA BHANDAR</b>	600	46.38	20.01	0
			<b>BALCO TPS</b>	600	57.19	72.83	0
			<b>BANDAKHAR TPP</b>	300	40.56	0	0
			<b>BARADARHA TPS</b>	1200	65.28	45.25	0.01
			<b>CHAKABURA TPP</b>	30	92.33	91.47	84.89
			<b>KASAIPALLI TPP</b>	270	86.09	80.38	75.04
			<b>KATGHORA TPP</b>	35	0	0	0
			<b>NAWAPARA TPP</b>	300	37.64		
			<b>OP JINDAL TPS</b>	1000	51.22	58.59	92.61
			<b>PATHADI TPP</b>	600	83.02	56.63	42.61
			<b>RAIKHEDA TPP</b>	1370	6.16	12.98	0
			<b>RATIJA TPS</b>	100	68.12	62.08	61.4
			<b>SALORA TPP</b>	135	0	0	12.44
			<b>SVPL TPP</b>	63	46.13	10.67	0
			<b>SWASTIK KORBA TPP</b>	25	0	0	0
			<b>TAMNAR TPP</b>	2400	29.1	27.86	21.94
			<b>UCHPINDA TPP</b>	720	0	4.52	0
		<b>CHHATTISGARH Total</b>		10948	44.39	41.75	40.53
		<b>GUJARAT</b>	<b>MUNDRA TPS</b>	4620	74.43	81.3	74.93
			<b>MUNDRA UMTTP</b>	4000	73.74	73.09	75.85
			<b>SABARMATI (C STATION)</b>	60	0	9.83	67.79
			<b>SABARMATI (D-F STATIONS)</b>	362	86.27	75.52	88.19
			<b>SALAYA TPP</b>	1200	51.83	47.3	62.87
			<b>SURAT LIG. TPS</b>	500	70.98	70.08	74.58
		<b>GUJARAT Total</b>		10742	71.36	66.14	85.13

		<b>MADHYA PRADESH</b>	<b>ANUPPUR TPP</b>	<b>1200</b>	<b>34.68</b>	<b>61.51</b>	
			<b>BINA TPS</b>	<b>500</b>	<b>14.16</b>	<b>29.78</b>	<b>55.82</b>
			<b>MAHAN TPP</b>	<b>600</b>	<b>45.96</b>	<b>0</b>	<b>8.57</b>
			<b>NIGRI TPP</b>	<b>1320</b>	<b>65.81</b>	<b>0</b>	<b>0</b>
			<b>NIWARI TPP</b>	<b>45</b>	<b>59.75</b>	<b>35.91</b>	<b>85.53</b>
			<b>SASAN UMTTP</b>	<b>3960</b>	<b>82.09</b>	<b>90.84</b>	<b>65.21</b>
			<b>SEIONI TPP</b>	<b>600</b>	<b>6.86</b>	<b>0</b>	<b>0</b>
		<b>MADHYA PRADESH Total</b>		<b>8225</b>	<b>60.61</b>	<b>56.38</b>	<b>49.54</b>
		<b>MAHARASHTRA</b>	<b>AMARAVATI TPS</b>	<b>1350</b>	<b>19.95</b>	<b>52.11</b>	<b>41.55</b>
			<b>BELA TPS</b>	<b>270</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>BUTIBORI TPP</b>	<b>600</b>	<b>76.9</b>	<b>76.47</b>	<b>69.34</b>
			<b>DAHANU TPS</b>	<b>500</b>	<b>84.45</b>	<b>87.09</b>	<b>91.26</b>
			<b>DHARIWAL TPP</b>	<b>600</b>	<b>29.23</b>	<b>7</b>	<b>9.94</b>
			<b>EMCO WARORA TPS</b>	<b>600</b>	<b>66.97</b>	<b>76.02</b>	<b>68.78</b>
			<b>GEPL TPP Ph-I</b>	<b>120</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>JSW RATNAGIRI TPP</b>	<b>1200</b>	<b>70.8</b>	<b>79.64</b>	<b>72.68</b>
			<b>MIHAN TPS</b>	<b>246</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>NASIK (P) TPS</b>	<b>270</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>TIRORA TPS</b>	<b>3300</b>	<b>57.77</b>	<b>68.36</b>	<b>63.69</b>
			<b>TROMBAY TPS</b>	<b>1400</b>	<b>42.79</b>	<b>44.15</b>	<b>39.63</b>
			<b>WARDHA WARORA TPP</b>	<b>540</b>	<b>30.15</b>	<b>39.16</b>	<b>24.79</b>
		<b>MAHARASHTRA Total</b>		<b>10996</b>	<b>46.47</b>	<b>54.91</b>	<b>50.44</b>
	<b>SR</b>	<b>ANDHRA PRADESH</b>	<b>PAINAMPURAM TPP</b>	<b>1320</b>	<b>76.9</b>	<b>75.11</b>	<b>0</b>
			<b>SGPL TPP</b>	<b>660</b>	<b>34.39</b>		
			<b>SIMHAPURI TPS</b>	<b>600</b>	<b>39.38</b>	<b>75.66</b>	<b>81.27</b>
			<b>THAMMINAPATNAM TPS</b>	<b>300</b>	<b>54.47</b>	<b>64.48</b>	<b>59.07</b>
			<b>VIZAG TPP</b>	<b>1040</b>	<b>33.63</b>	<b>37.21</b>	<b>0</b>
		<b>ANDHRA PRADESH Total</b>		<b>3920</b>	<b>54.78</b>	<b>71.04</b>	<b>72.39</b>
		<b>KARNATAKA</b>	<b>TORANGALLU TPS(SBU-I)</b>	<b>260</b>	<b>69.69</b>	<b>95.66</b>	<b>97.85</b>
			<b>TORANGALLU TPS(SBU-II)</b>	<b>600</b>	<b>45.21</b>	<b>86.74</b>	<b>97.25</b>
			<b>UDUPI TPP</b>	<b>1200</b>	<b>73.94</b>	<b>76.72</b>	<b>61.02</b>
		<b>KARNATAKA Total</b>		<b>2060</b>	<b>65.03</b>	<b>82.03</b>	<b>76.22</b>
		<b>TAMIL NADU</b>	<b>ITPCL TPP</b>	<b>1200</b>	<b>39.64</b>	<b>0</b>	<b>0</b>
			<b>MUTHIARA TPP</b>	<b>1200</b>	<b>39.18</b>	<b>0</b>	<b>0</b>
			<b>NEYVELI TPS(Z)</b>	<b>250</b>	<b>48.84</b>	<b>67.25</b>	<b>83.48</b>
			<b>TUTICORIN (P) TPP</b>	<b>300</b>	<b>1.19</b>	<b>30.37</b>	<b>54.34</b>
		<b>TAMIL NADU Total</b>		<b>2950</b>	<b>36.25</b>	<b>47.14</b>	<b>67.59</b>
	<b>ER</b>	<b>JHARKHAND</b>	<b>JOJOBERA TPS</b>	<b>360</b>	<b>77.61</b>	<b>79.68</b>	<b>80.46</b>
			<b>MAHADEV PRASAD STPP</b>	<b>540</b>	<b>71.06</b>	<b>61.68</b>	<b>46.77</b>
			<b>MAITHON RB TPP</b>	<b>1050</b>	<b>78.27</b>	<b>78.13</b>	<b>72.67</b>
		<b>JHARKHAND Total</b>		<b>1950</b>	<b>76.15</b>	<b>73.86</b>	<b>66.94</b>
		<b>ORISSA</b>	<b>DERANG TPP</b>	<b>1200</b>	<b>66.92</b>	<b>59.23</b>	<b>0</b>
			<b>KAMALANGA TPS</b>	<b>1050</b>	<b>67.32</b>	<b>67.6</b>	<b>52.61</b>
			<b>STERLITE TPP</b>	<b>2400</b>	<b>40.85</b>	<b>38.31</b>	<b>39.15</b>
			<b>UTKAL TPP(IND BARATH)</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>ORISSA Total</b>		<b>5000</b>	<b>51.4</b>	<b>50.33</b>	<b>38.14</b>
		<b>WEST BENGAL</b>	<b>BUDGE BUDGE TPS</b>	<b>750</b>	<b>84.76</b>	<b>87.94</b>	<b>89.08</b>
			<b>CHINAKURI TPS</b>	<b>30</b>	<b>0</b>	<b>0</b>	<b>0</b>
			<b>HALDIA TPP</b>	<b>600</b>	<b>79.53</b>	<b>68.94</b>	<b>39.33</b>
			<b>NEW COSSIPORE TPS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4.92</b>
			<b>SOUTHERN REPL. TPS</b>	<b>135</b>	<b>41.49</b>	<b>44.8</b>	<b>83.73</b>
			<b>TITAGARH TPS</b>	<b>240</b>	<b>14.7</b>	<b>31.49</b>	<b>80.11</b>
		<b>WEST BENGAL Total</b>		<b>1755</b>	<b>79.53</b>	<b>68.94</b>	<b>39.33</b>
		<b>PVT Total</b>		<b>72336</b>	<b>56.30</b>	<b>60.49</b>	<b>60.58</b>
		<b>Grand Total</b>		<b>188371.5</b>	<b>59.64</b>	<b>62.29</b>	<b>64.46</b>

\*Tentative

\*\* Patratu TPS was under State sector till 2014-15.

Note: PLF is calculated after Declaration of Commercial Operation (COD) of the unit.

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ANNEX REFERRED TO IN PART (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 06 TO BE ANSWERED IN THE LOK SABHA ON 02.02.2017 REGARDING PLANT LOAD FACTOR.

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**Details of Under Construction Thermal Power Projects (Coal) in the country**

S.No.	State	Project Name / Impl. Agency/ EPC or BTG	LOA Date	Unit No	Cap. (MW)
		<b>CENTRAL SECTOR</b>			
1	Assam	Bongaigaon TPP/ NTPC/ BHEL	Feb-08	U-2	250
				U-3	250
2	Bihar	Barh STPP-I /NTPC/Others	Mar-05	U-1	660
				U-2	660
				U-3	660
3	Bihar	Muzaffarpur TPP(Kanti) Exp/ JV of NTPC& BSEB/BHEL	Apr-10	U-4	195
4	Bihar	Nabi Nagar TPP / JV of NTPC & Riys/BHEL	Jan-08	U-2	250
				U-3	250
				U-4	250
5	Bihar	New Nabi Nagar TPP /JV of NTPC & BSPGCL TG-Alstom & Bharat Forge, SG-BHEL	Jan-13	U-1	660
				U-2	660
				U-3	660
6	Chhattisgarh	Lara TPP/NTPC / SG-Doosan TG-BGR Hitachi	Dec-12	U-1	800
				U-2	800
7	Jharkhand	North Karanpura TPP/ NTPC / BHEL	Feb-14	U-1	660
				U-2	660
				U-3	660
8	Karnataka	Kudgi STPP Ph-I/ NTPC/ SG -Doosan TG-Toshiba	Feb-12	U-2	800
				U-3	800
9	Maharashtra	Mouda STPP Ph-II/ NTPC / BHEL	Apr-12	U-4	660
10	Maharashtra	Solapur STPP/ NTPC/ SG-BGR & Hitachi TG-Alstom & Bharat Forge	Apr-12	U-1	660
				U-2	660
11	MP	Gadarwara TPP/ NTPC /BTG-BHEL	Mar-13	U-1	800
				U-2	800
12	MP	Khargone TPP/ NTPC/ EPC - L&T	Mar-15	U-1	660
				U-2	660
13	Odisha	Darlipalli STPP/ NTPC / SG- BHEL TG-JSW & Toshiba	Feb-14	U-1	800
				U-2	800
14	Telangana	Telangana Ph- I / NTPC/SG- BHEL TG- Alstom & Bharatforge	Feb-16	U-1	800
				U-2	800
15	TN	Neyveli New TPP/ NLC/BHEL	Dec-13	U-1	500
				U-2	500
16	UP	Unchahar - IV / NTPC/ NBPPL/BHEL	Aug-13	U-6	500
17	UP	Meja STPP/ JV of NTPC & UPRVUNL/ SG-BGR TG-Toshiba	Apr-12	U-1	660
				U-2	660
18	UP	Ghatampur TPP/ JV of NLC & UPRVUNL/ MHPS Boiler Pvt. Ltd.	Aug-16	U-1	660
				U-2	660
				U-3	660
19	UP	Tanda TPP/ NTPC/ SG: L&T/ TG: Alstom	Sep-14	U-1	660
				U-2	660
		<b>TOTAL CENTRAL SECTOR</b>			<b>24805</b>
		<b>STATE SECTOR</b>			
1	A.P	Dr.Narla Tata Rao TPS St-V / APGENCO / BTG- BHEL	Oct-15	U-1	800
2	A.P	Sri Damodaran Sanjeevaiah TPP St-II / APGENCO /BTG- BHEL	Nov-15	U-1	800
3	AP	Rayalaseema TPP St-IV / APGENCO/ BTG-BHEL	Oct-10	U-6	600
5	Bihar	Barauni TPS Extn./ BSEB/ EPC - BHEL	Mar-11	U-8	250
				U-9	250
6	Gujarat	Bhavnagar CFBC TPP / BECL / BTG-BHEL	Mar-10	U-2	250
7	Gujarat	Wanakbori TPS Extn. / GSECL SG-Alstom TG-Siemens	Oct-14	U-8	800

8	<b>Karnataka</b>	<b>Yermarus TPP/ KPCL BTG-BHEL</b>	<b>Apr-10</b>	<b>U-2</b>	<b>800</b>
10	<b>MP</b>	<b>Shri Singhaji TPP St-II / MPGENCO EPC-L&amp;T</b>	<b>Sep-14</b>	<b>U-3</b>	<b>660</b>
				<b>U-4</b>	<b>660</b>
11	<b>Odisha</b>	<b>Ib valley TPP / OPGCL BTG-BHEL</b>	<b>Mar-14</b>	<b>U-3</b>	<b>660</b>
				<b>U-4</b>	<b>660</b>
12	<b>Rajasthan</b>	<b>Chhabra TPP Extn./RRVUNL / L&amp;T-MHI</b>	<b>Mar-13</b>	<b>U-5</b>	<b>660</b>
				<b>U-6</b>	<b>660</b>
13	<b>Rajasthan</b>	<b>Suratgarh SCTPP/ RRVUNL / BHEL</b>	<b>May-13</b>	<b>U-7</b>	<b>660</b>
				<b>U-8</b>	<b>660</b>
14	<b>Telangana</b>	<b>Kothagudem TPS St-VII/ TSGENCO BTG-BHEL</b>	<b>Jan-15</b>	<b>U-1</b>	<b>800</b>
15	<b>Telangana</b>	<b>Bhadradi TPP / TSGENCO/ BHEL</b>	<b>Mar-15</b>	<b>U-1</b>	<b>270</b>
				<b>U-2</b>	<b>270</b>
				<b>U-3</b>	<b>270</b>
				<b>U-4</b>	<b>270</b>
16	<b>TN</b>	<b>Ennore exp. SCTPP (Lanco) / TANGEDCO BTG-LANCO</b>	<b>May-14</b>	<b>U-1</b>	<b>660</b>
17	<b>TN</b>	<b>Ennore SCTPP / TANGEDCO/ BHEL</b>	<b>Sep-14</b>	<b>U-1</b>	<b>660</b>
				<b>U-2</b>	<b>660</b>
18	<b>TN</b>	<b>North Chennai TPP St-III TANGEDCO / BHEL</b>	<b>Jan-16</b>	<b>U-1</b>	<b>800</b>
19	<b>TN</b>	<b>Uppur Super Critical TPP TANGEDCO /BHEL</b>	<b>Feb-16</b>	<b>U-1</b>	<b>800</b>
				<b>U-2</b>	<b>800</b>
20	<b>UP</b>	<b>Harduaganj TPS Exp-II / UPRVUNL/Toshiba JSW</b>	<b>Sep-15</b>	<b>U-1</b>	<b>660</b>
		<b>Total State Sector</b>			<b>16750</b>
		<b>PRIVATE SECTOR</b>			
1	<b>AP</b>	<b>Bhavanapadu TPP Ph-I / East Coast Energy Ltd. BTG-Chinese</b>	<b>Sep-09</b>	<b>U-1</b>	<b>660</b>
				<b>U-2</b>	<b>660</b>
2	<b>AP</b>	<b>SGPL TPP / Sembcorp Gayatri Power Ltd. BTG-Chinese</b>	<b>Feb-12</b>	<b>U-2</b>	<b>660</b>
3	<b>AP</b>	<b>Thamminapatnam TPP stage -II / Meenakshi Energy Pvt. Ltd. SG-Cether vessels TG-Chinese</b>	<b>Dec-09</b>	<b>U-3</b>	<b>350</b>
				<b>U-4</b>	<b>350</b>
4	<b>Bihar</b>	<b>Jas Infra. TPP / JICPL BTG-Chinese</b>	<b>Mar-11</b>	<b>U-1</b>	<b>660</b>
				<b>U-2</b>	<b>660</b>
				<b>U-3</b>	<b>660</b>
				<b>U-4</b>	<b>660</b>
5	<b>Chhattisgarh</b>	<b>Akaltara TPP (Naiyara) / KSK Mahandi Power Company Ltd./ Chinese</b>	<b>Apr-09</b>	<b>U-3</b>	<b>600</b>
				<b>U-4</b>	<b>600</b>
				<b>U-5</b>	<b>600</b>
				<b>U-6</b>	<b>600</b>
6	<b>Chhattisgarh</b>	<b>Binjote TPP/ SKS Power Generation (Chhattisgarh) Ltd. SG-Cethar Vessels TG-Harbin China</b>	<b>Mar-11</b>	<b>U-1</b>	<b>300</b>
				<b>U-2</b>	<b>300</b>
				<b>U-3</b>	<b>300</b>
				<b>U-4</b>	<b>300</b>
7	<b>Chhattisgarh</b>	<b>Lanco Amarkantak TPP-II / LAP Pvt. Ltd. BTG-DEC</b>	<b>Nov-09</b>	<b>U-3</b>	<b>660</b>
				<b>U-4</b>	<b>660</b>
8	<b>Chhattisgarh</b>	<b>Singhitarai TPP / Athena Chhattisgarh Power Ltd. BTG -DECL</b>	<b>Dec-09</b>	<b>U-1</b>	<b>600</b>
				<b>U-2</b>	<b>600</b>
9	<b>Chhattisgarh</b>	<b>Nawapara TPP / TRN Energy Pvt. Ltd./ Chinese</b>	<b>Jan-11</b>	<b>U-2</b>	<b>300</b>
10	<b>Chhattisgarh</b>	<b>Uchpinda TPP/ RKM Powergen. Pvt. Ltd. / SG-China Western TG-Habin Chaina</b>	<b>Jul-07</b>	<b>U-3</b>	<b>360</b>
				<b>U-4</b>	<b>360</b>
11	<b>Chhattisgarh</b>	<b>Salora TPP / Vandana Vidyut/ BTG-Cether Vessles</b>	<b>Sep-09</b>	<b>U-2</b>	<b>135</b>
12	<b>Chhattisgarh</b>	<b>Deveri (Visa) TPP / Visa Power Ltd. BTG-BHEL</b>	<b>Jun-10</b>	<b>U-1</b>	<b>600</b>
13	<b>Jharkhand</b>	<b>Matrishri Usha TPP Ph-I / Corporate Power Ltd. EPC-BHEL</b>	<b>Dec-09</b>	<b>U-1</b>	<b>270</b>
				<b>U-2</b>	<b>270</b>



14	<i>Jharkhand</i>	Matrishri Usha TPP Ph-II / Corporate Power Ltd. EPC-BHEL	Mar-11	U-3	270
				U-4	270
15	<i>Jharkhand</i>	Tori TPP Ph-I / Essar Power Ltd. BTG-China	Aug-08	U-1	600
				U-2	600
16	<i>Jharkhand</i>	Tori TPP Ph-II / Essar Power Ltd.		U-3	600
17	<i>Maharashtra</i>	Amravati TPP Ph-II / Ratan India Power Pvt. Ltd. BTG-BHEL	Oct-10	U-1	270
				U-2	270
				U-3	270
				U-4	270
18	<i>Maharashtra</i>	Lanco Vidarbha TPP / LVP Pvt. Ltd. EPC-LANCO	Nov-09	U-1	660
				U-2	660
19	<i>Maharashtra</i>	Nasik TPP Ph-I / Ratan India Nasik Power Pvt. Ltd. BTG-BHEL	Nov-09	U-2	270
				U-3	270
				U-4	270
				U-5	270
20	<i>Maharashtra</i>	Nasik TPP Ph-II / Ratan India Nasik Power Pvt. Ltd. BTG-BHEL	Nov-09	U-1	270
				U-2	270
				U-3	270
				U-4	270
21	<i>Maharashtra</i>	Bijora Ghanmukh TPP / Jinbhuvish Power Generation Pvt. Ltd. / BTG-Chinese	Sep-11	U-1	300
				U-2	300
22	<i>Maharashtra</i>	Shirpur Power Pvt. Ltd.	Nov-11	U-1	150
				U-2	150
23	<i>MP</i>	Mahan TPP / Essar Power MP Ltd. / Chinese	Sep-08	U-2	600
24	<i>MP</i>	Gorgi TPP / D.B. Power (MP) Ltd. BTG-BHEL	Mar-11	U-1	660
25	<i>MP</i>	Niwari TPP / BLA Power Ltd./ BHEL - Siemens	Apr-11	U-2	45
26	<i>Odisha</i>	Ind Barath TPP (Odisha) / Ind Barath /BTG-Cethar Vessels	May-09	U-2	350
27	<i>Odisha</i>	KVK Nilanchal TPP/ KVK Nilanchal / BTG-Harbin China	Nov-09	U-1	350
				U-2	350
				U-3	350
28	<i>Odisha</i>	Lanco Babandh TPP / LBP Ltd./ BTG-Chinese	Nov-09	U-1	660
				U-2	660
29	<i>Odisha</i>	Malibrahmani TPP / MPCL/ BTG-BHEL	Jun-10	U-1	525
				U-2	525
30	<i>TN</i>	Tuticorin TPP (Ind- Barath) / IBPIL / BTG-Chinese	May-10	U-1	660
31	<i>TN</i>	Tuticorin TPP St-IV / SEPC/ EPC-MEIL (BTG-BHEL)	Jan-14	U-1	525
32	<i>UP</i>	Prayagraj (Bara) TPP / PPGENCO/ SG-BHEL Alstom TG-BHEL - Siemens	Oct-09	U-3	660
33	<i>WB</i>	India Power TPP / Haldia Energy Ltd/ BTG-BHEL.	Sep-10	U-1	150
				U-2	150
				U-3	150
				<b>Total Private Sector</b>	
				<b>Grand Total</b>	
				<b>29445</b>	
				<b>71000.00</b>	

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