

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.1645  
TO BE ANSWERED ON 20.12.2018**

**ELECTRICITY DEMAND**

**1645. DR. P. VENUGOPAL:**

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

- (a) whether the sudden rise in electricity demand coupled with inadequate coal supply is precariously pushing power plants toward outage, if so, the details thereof;
- (b) whether more than 10,500 MW of power plants have cited coal shortage for shutting their units down, if so, the details thereof;
- (c) whether out of this, 2,700 MW and 4,210 MW went under outage in September and October respectively; and
- (d) if so, the details thereof?

**A N S W E R**

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

**( SHRI R. K. SINGH )**

(a) : The details of monthly Energy demand and growth for the duration of April-November, 2018 w.r.t previous months and previous year are given below:

Month	Energy requirement during, 2017, (MU)	Energy requirement during, 2018, (MU)	Growth (%) w.r.t previous Year
April	102,552	104,014	1.42
May	107,304	112,415	4.76
June	100,230	109,373	9.12
July	102,762	109,838	6.88
August	105,656	112,719	6.68
September	102,465	109,584	6.94
October	101,327	112,983	11.50

It may be seen from the above Table that the growth during October, 2018 with respect to October, 2017 was substantial i.e. 11.50%. The peak demand during April-November was 177 GW. There was a shortage of only 0.8% of the peak demand. Similarly, there was a shortage of only 0.6% of the total energy requirement in the period.

The details of coal stock as on 1<sup>st</sup> day of the month during April-December, 2018 are furnished at Annexure-I.

(b) to (d) : The details of power plants which were reportedly under outage due to coal shortage in September & October, 2018 are furnished at Annex-II & III respectively.

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**ANNEXURE-I**

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1645 TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.**

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<b>Total Stock during last 15 months</b>	
<b>DATE</b>	<b>Total Stock (In Million Tonnes)</b>
<b>01.09.2017</b>	<b>11.63</b>
<b>01.10.2017</b>	<b>8.38</b>
<b>19.10.2017</b>	<b>7.26</b>
<b>01.11.2017</b>	<b>7.85</b>
<b>01.12.2017</b>	<b>10.46</b>
<b>01.01.2018</b>	<b>13.17</b>
<b>01.02.2018</b>	<b>14.51</b>
<b>01.03.2018</b>	<b>15.7</b>
<b>01.04.2018</b>	<b>16.1</b>
<b>01.05.2018</b>	<b>15.95</b>
<b>01.06.2018</b>	<b>14.78</b>
<b>01.07.2018</b>	<b>15.45</b>
<b>01.08.2018</b>	<b>15.95</b>
<b>01.09.2018</b>	<b>14.58</b>
<b>01.10.2018</b>	<b>10.85</b>
<b>01.11.2018</b>	<b>10.14</b>
<b>01.12.2018</b>	<b>13.08</b>

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## ANNEX-II

## ANNEX REFERRED TO IN REPLY TO PARTS (b) TO (d) OF UNSTARRED QUESTION NO. 1645 TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.

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Details of Outages of Coal based Generating Stations due to coal shortage for the month of September 2018									
REG-ION	STATE	SECTOR TYPE	ORGANIZA-TION	STATION	UNIT	CAPACITY (MW)	Trip Date and Time	Sync Date and Time	OUTAGE REASON
ER	WEST BENGAL	STATE	WBPDC	BANDEL TPS	2	60	02-09-2018 20:06	05-10-2018 09:13	COAL SHORTAGE
WR	CHHATTISGARH	PVT	BALCO	BALCO TPS	1	300	05-09-2018 22:57	04-10-2018 00:28	COAL SHORTAGE
WR	MAHARASHTRA	STATE	MAHAGENCO	KORADI TPS	6	210	09-09-2018 05:52	13-10-2018 20:07	COAL SHORTAGE
WR	MAHARASHTRA	STATE	MAHAGENCO	PARLI TPS	6	250	12-09-2018 06:57	01-10-2018 08:48	COAL SHORTAGE
ER	WEST BENGAL	CENTRAL	DVC	MEJIA TPS	4	210	13-09-2018 21:55	13-10-2018 21:32	COAL SHORTAGE
ER	WEST BENGAL	STATE	WBPDC	BAKRESWAR TPS	5	210	15-09-2018 01:41	05-10-2018 11:30	COAL SHORTAGE
ER	WEST BENGAL	CENTRAL	DVC	DURGAPUR STEEL TPS	1	500	16-09-2018 11:33	30-10-2018 13:52	COAL SHORTAGE
ER	WEST BENGAL	STATE	WBPDC	SAGARDIGHI TPS	1	300	17-09-2018 19:55	01-10-2018 08:14	COAL SHORTAGE
WR	CHHATTISGARH	CENTRAL	NSPCL	BHILAI TPS	2	250	19-09-2018 08:45	07-10-2018 03:43	COAL SHORTAGE
WR	MADHYA PRADESH	STATE	MPPGCL	SANJAY GANDHI TPS	3	210	19-09-2018 01:00	08-10-2018 18:49	COAL SHORTAGE
ER	WEST BENGAL	STATE	WBPDC	KOLAGHAT TPS	6	210	19-09-2018 06:46	05-10-2018 03:46	COAL SHORTAGE
WR	MADHYA PRADESH	PVT	JPPVL	BINA TPS	2	250	20-09-2018 00:39	04-10-2018 23:11	COAL SHORTAGE
WR	MAHARASHTRA	CENTRAL	NTPC Ltd.	MAUDA TPS	3	660	21-09-2018 05:15	02-10-2018 12:17	COAL SHORTAGE
SR	ANDHRA PRADESH	CENTRAL	NTPC Ltd.	SIMHADRI	1	500	22-09-2018 11:50	11-10-2018 08:00	COAL SHORTAGE
ER	ORISSA	PVT	GMR ENERG	KAMALANGA TPS	3	350	22-09-2018 09:47	01-10-2018 02:42	COAL SHORTAGE
WR	MADHYA PRADESH	STATE	MPPGCL	SATPURA TPS	7	210	24-09-2018 15:40	27-10-2018 09:58	COAL SHORTAGE
SR	ANDHRA PRADESH	STATE	APPDCL	DAMODARAM SANJEEVAI	2	800	26-09-2018 23:02	02-10-2018 00:09	COAL SHORTAGE
ER	ORISSA	CENTRAL	NTPC Ltd.	TALCHER STPS	4	500	27-09-2018 17:46	09-10-2018 22:36	COAL SHORTAGE
WR	MAHARASHTRA	STATE	MAHAGENCO	KORADI TPS	10	660	29-09-2018 12:42	09-10-2018 00:37	COAL SHORTAGE
ER	WEST BENGAL	CENTRAL	DVC	RAGHUNATHP UR TPP	2	600	29-09-2018 07:08	02-10-2018 06:10	COAL SHORTAGE
WR	MAHARASHTRA	STATE	MAHAGENCO	BHUSAWAL TPS	5	500	30-09-2018 03:50	08-10-2018 06:03	COAL SHORTAGE
WR	MAHARASHTRA	STATE	MAHAGENCO	PARLI TPS	8	250	30-09-2018 22:24	19-10-2018 16:07	COAL SHORTAGE
WR	MAHARASHTRA	PVT	RattanIndia	AMARAVATI TPS	1	270	22-09-2018 00:00	15-11-2018 00:01	COAL SHORTAGE
WR	MAHARASHTRA	PVT	RattanIndia	AMARAVATI TPS	3	270	22-09-2018 22:54		COAL SHORTAGE
WR	MAHARASHTRA	PVT	RattanIndia	AMARAVATI TPS	4	270	20-09-2018 00:00		COAL SHORTAGE
WR	MAHARASHTRA	PVT	RattanIndia	AMARAVATI TPS	5	270	21-09-2018 00:00		COAL SHORTAGE
Total Capacity						9070			

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## ANNEX-III

## ANNEX REFERRED TO IN REPLY TO PARTS (b) TO (d) OF UNSTARRED QUESTION NO. 1645 TO BE ANSWERED IN THE LOK SABHA ON 20.12.2018.

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Details of Outages of Coal based Generating Stations due to coal shortage for the month of October 2018										
REG-ION	STATE	SECTOR TYPE	ORGANIZA-TION	STATION	UNIT	CAPACITY (MW)	Trip Date and Time	Sync Date and Time	OUTAGE REASON	
NR	PUNJAB	PVT	GPGSL (GVK)	GOINDWAL SAHIB TPP	1	270	12-10-2018 00:55	22-11-2018 06:03	COAL SHORTAGE	
WR	CHHATTISGARH	PVT	TRNE	NAWAPARA TPP	1	300	20-10-2018 00:30	06-11-2018 07:12	COAL SHORTAGE	
WR	CHHATTISGARH	PVT	JPL	TAMNAR TPP	3	600	26-10-2018 19:56		COAL SHORTAGE	
WR	CHHATTISGARH	PVT	SKS	BINJKOTE TPP	1	300	12-10-2018 00:00		COAL SHORTAGE	
WR	CHHATTISGARH	PVT	SKS	BINJKOTE TPP	2	300	01-10-2018 00:03		COAL SHORTAGE	
WR	CHHATTISGARH	PVT	RKMPPPL	UCHPINDA TPP	2	360	18-10-2018 00:00		COAL SHORTAGE	
NR	HARYANA	CENTRAL	APCPL	INDIRA GANDHI STPP	1	500	05-10-2018 00:50	05-11-2018 13:56	COAL SHORTAGE	
WR	MAHARASHTRA	STATE	MAHAGENCO	PARLI TPS	7	250	19-10-2018 00:23		COAL SHORTAGE	
NR	UTTAR PRADESH	PVT	BEPL	KHAMBARKHERA TPS	1	45	13-10-2018 23:59	05-11-2018 12:11	COAL SHORTAGE	
NR	UTTAR PRADESH	PVT	BEPL	KHAMBARKHERA TPS	2	45	13-10-2018 23:42	05-11-2018 12:54	COAL SHORTAGE	
NR	UTTAR PRADESH	PVT	BEPL	MAQSOODPUR TPS	1	45	14-10-2018 00:52	05-11-2018 12:16	COAL SHORTAGE	
ER	WEST BENGAL	STATE	WBPDC	SAGARDIGHI TPS	2	300	18-10-2018 23:18	03-11-2018 01:37	COAL SHORTAGE	
SR	TAMIL NADU	PVT	ITPCL	ITPCL TPP	1	600	19-10-2018 00:04	05-11-2018 05:03	COAL SHORTAGE	
WR	MAHARASHTRA	PVT	VIP	BUTIBORI TPP	1	300	17-10-2018 00:30	18-11-2018 00:30	COAL SHORTAGE	
ER	WEST BENGAL	STATE	WBPDC	SAGARDIGHI TPS	3	500	21-10-2018 01:21	05-11-2018 10:15	COAL SHORTAGE	
ER	JHARKHAND	STATE	TVNL	TENUGHAT TPS	1	210	24-10-2018 00:02	05-11-2018 18:23	COAL SHORTAGE	
ER	WEST BENGAL	STATE	WBPDC	BAKRESWAR TPS	5	210	24-10-2018 00:22	05-11-2018 16:05	COAL SHORTAGE	
SR	ANDHRA PRADESH	STATE	APGENCO	RAYALASEEMA TPS	6	600	01-10-2018 10:22		COAL SHORTAGE	
ER	WEST BENGAL	STATE	WBPDC	BAKRESWAR TPS	2	210	26-10-2018 00:02	02-11-2018 08:21	COAL SHORTAGE	
NR	PUNJAB	PVT	TSPL	TALWANDI SABO TPP	1	660	29-10-2018 00:00	05-11-2018 06:37	COAL SHORTAGE	
SR	TAMIL NADU	CENTRAL	NTECL	VALLUR TPP	1	500	25-10-2018 09:00		COAL SHORTAGE	
NR	UTTAR PRADESH	PVT	BEPL	MAQSOODPUR TPS	2	45	15-10-2018 12:02	07-11-2018 23:15	COAL SHORTAGE	
Total Capacity						7150				

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