

Requirement of coal for power generation

432. SHRI D. RAJA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that severe shortage of coal supply to thermal power plants has affected the power generation in the country;

(b) if so, the requirement of coal for smooth functioning of thermal power plants in the country and the details of actual supply of coal; and

(c) to what extent the shortage in coal supply has affected the power generation?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): (a) to (c) During April to June, 2012, coal-based generation was 163.06 Billion Unit against the target of 153.85 Billion Unit, representing an achievement of 105.98% and a growth of 13.68% over the actual generation of 143.44 Billion Unit during April to June, 2011. The power utilities have, however, reported a generation loss of about 2.9 Billion Unit (BU) due to shortage of coal during the period April-June, 2012. For the year 2012-13, against a requirement of 476 Million Tonne (MT) domestic coal for meeting the generation requirement from coal based thermal power stations, availability of indigenous coal was estimated to be around 407 MT. In order to mitigate shortage of coal, Power Utilities have been advised to import 46 MT coal (equivalent to 69 MT of domestic coal in view of higher calorific value of imported coal).

Power situation

‡433. SHRI ASHK ALT TAK: Will the Minister of POWER be pleased to state the details of power generation and supply at present, State-wise?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL): Region-wise and State-wise details of power generation during April-July, 2012 is given in Statement-I. Region -wise and State-wise details of power availability and supply during April- July, 2012 is given in Statement-II (*See* below).

Statement-I*Region-wise and State-wise detail of power generation during April-July' 12*

Region	State	Sector	Generation (Mu)
NR	BBMB - Central		4040.96
	BBMB Total		4040.96

‡ Original notice of the question was received in Hindi.

Region	State	Sector	Generation (Mu)
	Delhi	Central	1527.66
		Pvt.	80.91
		State	2119.64
	Delhi Total		3728.21
	Haryana	Central	2832.34
		Pvt.	459.83
		State	4991.21
	Haryana Total		8283.38
	Himachal Pradesh	Central	5807.47
		Pvt.	3368.9
		Pvt. Utility	68.19
		State	549.07
	Himachal Pradesh Total		9793.63
	Jammu and Kashmir	Central	4164.91
		State	1693.01
	Jammu and Kashmir Total		5857.92
	Punjab	State	7843.96
	Punjab Total		7843.96
	Rajasthan	Central	3920.22
		Pvt.	1061.04
		State	8121.47
	Rajasthan Total		13102.73
	Uttar Pradesh	Central	22583.09
		Pvt.	4609.81

Region	State	Sector	Generation (Mu)
		State	7004.66
	Uttar Pradesh Total		34197.56
	Uttarakhand	Central	1738.63
		Pvt.	886.44
		State	1878.24
	Uttarakhand Total		4503.31
NR Total			91351.66
WR	Chhattisgarh	Central	13980.04
		Pvt.	4514.13
		State	4344.34
	Chhattisgarh Total		22838.51
	Goa	Pvt.	84.14
	Goa Total		84.14
	Gujarat	Central	3783.09
		Pvt.	12735.68
		Pvt. Utility	1191.66
		State	9939.78
	Gujarat Total		27650.21
	Madhya Pradesh	Central	9404.89
		State	6628.93
	Madhya Pradesh Total		16033.82
	Maharashtra	Central	6510.83
		Pvt.	4919
		Pvt. Utility	5404.1

Region	State	Sector	Generation (Mu)
		State	16180.39
	Maharashtra Total		33014.32
WR Total			99621
SR	Andhra Pradesh	Central	10915.52
		Pvt.	5006.98
		State	14345.16
	Andhra Pradesh Total		30267.66
	Karnataka	Central	1848.15
		Pvt.	3923.77
		State	8200.02
	Karnataka Total		13971.94
	Kerala	Central	139.51
		State	2206.65
	Kerala Total		2346.16
	Puducherry	State	87.77
	Puducherry Total		87.77
	Tamil Nadu	Central	7282
		Pvt	2026.33
		State	8201.96
	Tamil Nadu Total		17510.29
SR Total			64183.82
ER	Andaman Nicobar	State	31.93
	Andaman Nicobar Total		31.93

Region	State	Sector	Generation (Mu)
	Bihar	Central	4998.79
		State	0
	Bihar Total		4998.79
	DVC	Central	7974.06
	DVC Total		7974.06
	Jharkhand	Pvt.	1781.62
		State	1133.17
	Jharkhand Total		2914.79
	Odisha	Central	9048.4
		Pvt.	3064.38
		State	1928.97
	Odisha Total		14041.75
	Sikkim	Central	1237.39
	Sikkim Total		1237.39
	West Bengal	Central	4118.84
		Pvt.	13.02
		Pvt. Utility	3254.64
		State	9236.22
ER	West Bengal Total		16622.72
Total Import			47821.43
ER	Bhutan (IMP)	Imp	1866.65
	Bhutan (IMP) Total		1866.65
Import Total			1866.65
NER	Arunachal Pradesh	Central	554.93
		State	
	Arunachal Pradesh Total		554.93

Region	State	Sector	Generation (MU)
	Assam	Central	786.22
		State	545.93
	Assam Total		1332.15
	Manipur	Central	109.17
	Manipur Total		109.17
	Meghalaya	Central	60.69
		State	148.01
	Meghalaya Total		208.7
	Nagaland	Central	50.89
	Nagaland Total		50.89
	Tripura	Central	221.6
		State	210.77
	Tripura Total		432.37
NER Total			2688.21
	ALL INDIA TOTAL		307532.77

Statement-II

Region-wise and State-wise details of power availability and supply during April-July, 2012

(a) Power Supply Position (Provisional)

State/System/Region	July, 2012				April, 2012 -July, 2012			
	Requirement	Availability	Surplus/ Deficit (-)		Requirement	Availability	Surplus/ Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
1	2	3	4	5	6	7	8	9
Chandigarh	180	180	0	0.0	666	666	0	0.0
Delhi	2,943	2,887	-56	-1.9	10,630	10,545	-85	-0.8
Haryana	4,317	3,877	-440	-10.2	14,821	13,400	-1,421	-9.6
Himachal Pradesh	751	727	-24	-3.2	3,026	2,943	-83	-2.7
Jammu and Kashmir	1,158	872	-286	-24.7	4,789	3,595	-1,194	-24.9
Punjab	6,457	5,704	-753	-11.7	18,688	17,356	-1,332	-7.1
Rajasthan	4,649	4,327	-322	-6.9	17,727	16,683	-1,044	-5.9

Uttar Pradesh	8,122	6,745	-1,377	-17.0	31,739	27,207	-4,532	-14.3
Uttarakhand	1,003	931	-72	-7.2	3,934	3,687	-247	-6.3
Northern Region	29,580	26,250	-3,330	-11.3	106,020	96,082	-9,938	-9.4
Chhattisgarh	1,255	1,231	-24	-1.9	5,487	5,389	-98	-1.8
Gujarat	7,356	7,315	-41	-0.6	28,687	28,586	-101	-0.4
Madhya Pradesh	3,030	2,675	-355	-11.7	14,178	12,654	-1,524	-10.7
Maharashtra	9,868	9,429	-439	-4.4	42,926	41,175	-1,751	-4.1
Daman and Diu	154	134	-20	-13.0	603	544	-59	-9.8
Dadar Nagar Haveli	312	310	-2	-0.6	1,437	1,273	-164	-11.4
Goa	310	213	-97	-31.3	1,086	948	-138	-12.7
Western Region	22,285	21,307	-978	-4.4	94,404	90,569	-3,835	-4.1
Andhra Pradesh	7,780	6,444	-1,336	-17.2	32,005	27,659	-4,346	-13.6
Karnataka	5,473	4,688	-785	-14.3	21,872	19,185	-2,687	-12.3
Kerala	1,753	1,709	-44	-2.5	7,125	6,883	-242	-3.4
Tamil Nadu	7,791	7,082	-709	-9.1	30,038	25,573	-4,465	-14.9
Pondicherry	203	194	-9	-4.4	808	791	-17	-2.1

Written Answers to

[13 AUG, 2012]

Unstarred Questions

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1	2	3	4	5	6	7	8	9
Lakshadweep	3	3	0	0.0	12	12	0	0.0
Southern Region	23,000	20,117	-2,883	-12.5	91,848	80,091	-11,757	-12.8
Bihar	1,322	1,185	-137	-10.4	5,161	4,431	-730	-14.1
DVC	1,473	1,349	-124	-8.4	5,753	5,336	-417	-7.2
Jharkhand	615	589	-26	-4.2	2,299	2,205	-94	-4.1
Odisha	2,264	2,118	-146	-6.4	8,750	8,185	-565	-6.5
West Bengal	3,890	3,813	-77	-2.0	15,192	14,973	-219	-1.4
Sikkim	31	31	0	0.0	130	130	0	0.0
Andaman-Nicobar	20	15	-5	-25.0	81	66	-15	-18.5
Eastern Region	9,595	9,085	-510	-5.3	37,285	35,260	-2,025	-5.4
Arunachal Pradesh	52	50	-2	-3.8	195	183	-12	-6.2
Assam	614	567	-47	-7.7	2,149	1,978	-171	-8.0
Manipur	50	48	-2	-4.0	160	151	-9	-5.6
Meghalaya	146	136	-10	-6.8	579	476	-103	-17.8

274 Written Answers to

[RAJYA SABHA]

Unstarred Questions

Mizoram	34	32	-2	-5.9	126	116	-10	-7.9
Nagaland	52	49	-3	-5.8	176	164	-12	-6.8
Tripura	96	90	-6	-6.3	350	330	-20	-5.7
North-Eastern Region	1,044	972	-72	-6.9	3,735	3,398	-337	-9.0
ALL INDIA	85,504	77,731	-7,773	-9.1	333,292	305,400	-27,892	-8.4

Lakshadweep and Andaman and Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and availability

Note: Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.

(b) Peak demand and Peak Met (Provisional)

State/System /Region	July, 2012				April, 2012 -July, 2012			
	Peak Demand	Peak Met	Surplus/Deficit (-)		Peak Demand	Peak Met	Surplus/Deficit (-)	
	(MW)	(MW)	(MW)	(%)	(MW)	(MW)	(MW)	(%)
1	2	3	4	5	6	7	8	9
Chandigarh	293	293	0	0.0	329	329	0	0.0
Delhi	5,942	5,642	-300	-5.0	5,942	5,642	-300	-5.0
Haryana	6,416	6,416	0	0.0	6,656	6,535	-121	-1.8
Himachal Pradesh	1,348	1,250	-98	-7.3	2,116	1,672	-444	-21.0
Jammu and Kashmir	2,154	1,619	-535	-24.8	2,154	1,619	-535	-24.8
Punjab	9,894	8,439	-1,455	-14.7	10,474	8,452	-2,022	-19.3
Rajasthan	7,765	7,690	-75	-1.0	7,765	7,690	-75	-1.0
Uttar Pradesh	12,166	9,706	-2,460	-20.2	13,373	12,048	-1,325	-9.9
Uttarakhand	1,749	1,409	-340	-19.4	1,757	1,620	-137	-7.8
Northern Region	41,659	38,111	-3,548	-8.5	45,860	40,648	-5,212	-11.4
Chhattisgarh	2,898	2,697	-201	-6.9	3,271	3,134	-137	-4.2

Gujarat	11,027	10,848	-179	-1.6	11,119	10,990	-129	-1.2
Madhya Pradesh	7,250	6,481	-769	-10.6	8,165	6,704	-1,461	-17.9
Maharashtra	17,735	16,635	-1,100	-6.2	17,934	16,765	-1,169	-6.5
Daman and Diu	301	276	-25	-8.3	301	276	-25	-8.3
Dadar Nagar Haveli	607	607	0	0.0	608	608	0	0.0
Goa	452	452	0	0.0	452	452	0	0.0
Western Region	36,520	35,197	-1,323	-3.6	38,043	36,247	-1,796	-4.7
Andhra Pradesh	12,050	9,508	-2,542	-21.1	13,417	11,335	-2,082	-15.5
Karnataka	9,131	7,831	-1,300	-14.2	10,124	8,264	-1,860	-18.4
Kerala	3,420	3,262	-158	-4.6	3,578	3,262	-316	-8.8
Tamil Nadu	12,100	10,877	-1,223	-10.1	12,499	11,053	-1,446	-11.6
Pondicherry	331	311	-20	-6.0	335	320	-15	-4.5
Lakshadweep	8	8	0	0.0	8	8	0	0.0
Southern Region	34,607	30,048	-4,559	-13.2	36,934	31,287	-5,647	-15.3
Bihar	2,250	1,740	-510	-22.7	2,295	1,784	-511	-22.3
DVC	2,416	2,302	-114	-4.7	2,543	2,439	-104	-4.1
Jharkhand	1,084	991	-93	-8.6	1,084	991	-93	-8.6

Written Answers to

[13 AUG, 2012]

Unstarred Questions 277

1	2	3	4	5	6	7	8	9
Odisha	3,484	3,264	-220	-6.3	3,968	3,694	-274	-6.9
West Bengal	7,139	7,056	-83	-1.2	7,322	7,249	-73	-1.0
Sikkim	95	95	0	0.0	95	95	0	0.0
Andaman- Nicobar	40	32	-8	-20.0	48	48	0	0.0
Eastern Region	15,248	14,304	-944	-6.2	16,655	15,415	-1,240	-7.4
Arunachal Pradesh	112	110	-2	-1.8	116	114	-2	-1.7
Assam	1,109	1,072	-37	-3.3	1,186	1,093	-93	-7.8
Manipur	117	112	-5	-4.3	117	113	-4	-3.4
Meghalaya	280	279	-1	-0.4	280	279	-1	-0.4
Mizoram	65	61	-4	-6.2	65	64	-1	-1.5
Nagaland	96	94	-2	-2.1	100	98	-2	-2.0
Tripura	181	178	-3	-1.7	185	183	-2	-1.1
North-Eastern Region	1,946	1,762	-184	-9.5	1,988	1,770	-218	-11.0
ALL INDIA	129,980	119,422	-10,558	-8.1	135,453	123,294	-12,159	-9.0

Lakshadweep and Andaman and Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and availability

Note: Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.

278 Written Answers to

[RAJYA SABHA]

Unstarred Questions