

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1470
ANSWERED ON:11.12.2003
TARGET FOR POWER GENERATION
THAAWAR CHAND GEHLOT

Will the Minister of POWER be pleased to state:

- (a) whether there is acute shortage of electricity in the country;
- (b) if so, the present demand, shortage of electricity, State-wise;
- (c) whether the Government has made any assessment in regard to requirement of electricity during the Tenth Plan in the country, State-wise; and
- (d) if so, the manner in which the Government propose to provide assistance to those States to overcome the present power crises and action taken in this regard so far?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

- (a) : There are power shortages of varying degree in different States of the country.
- (b) : State-wise actual power supply position both in terms of energy and peak demand in the month of November, 2003 and April-November, 2003 is given at Annex-I.
- (c) : State-wise anticipated requirement of power both in terms of energy and peak at the end of 10th Plan according to 16th Electric Power Survey (EPS) Report is at Annex-II.
- (d) : Electricity is a concurrent subject. However, supply and distribution of electricity in a State is the responsibility of the State Government/State Power Utility concerned. Central Government only supplements the efforts of the State Governments by setting up of power plants through Central Power Sector Undertakings (CPSUs) in Central Sector and providing allocations from Central Generating Stations in the region. However, the following assistance is being provided by the Government to improve the power supply in the country:
 - (i) 10th Plan capacity addition of around 41,110 MW has been targeted in all Sectors (State+Private+Central) out of which 22,832 MW is in the Central Sector.
 - (ii) Additional allocation from unallocated quota of Central Sector Stations in the Region/outside the Region.
 - (iii) Enhancement of Inter regional/Inter-State power transfer from surplus to deficit region by augmenting/strengthening inter-regional transmission links leading to formation of National Grid.
 - (iv) Renovation and Modernization (R&M), uprating and life extension (LE) of existing old and inefficient generating units. Power Finance Corporation (PFC) provides financial assistance for R&M and LE works at lower rate of interest.
 - (v) Funds are being provided for strengthening/augmentation of sub-transmission and distribution systems of States under Accelerated Power Development and Reforms Programme (APDRP) for reduction in aggregate Transmission and commercial losses.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.1470 TO BE ANSWERED IN THE LOK SABHA ON 11.12.2003.

ACTUAL POWER SUPPLY POSITION Figures are in MU

State/ Requirement Availability Surplus/Deficit Requi- Availability Surplus/ Deficit (-)
System/ (MU) (MU) (-) rement (MU) (MU) (%)
Region (MU) (%) (MU)

Chandigarh	72	72	0	0.0	765	764	-1	-0.1
Delhi	1436	1427	-9	-0.6	14056	13857	-199	-1.4
Haryana	1482	1391	-91	-6.1	14135	13532	-603	-4.3
Himachal Pr.	278	278	0	0.0	2277	2270	-7	-0.3
Jammu & K	564	545	-19	-3.4	4578	4309	-269	-5.9
Punjab	2036	1980	-56	-2.8	22713	22021	-692	-3.0
Rajasthan	2458	2454	-4	-0.2	16293	16191	-102	-0.6
Uttar Pradesh	3739	3329	-410	-11.0	30653	26555	-4098	-13.4
Uttaranchal	343	336	-7	-2.0	2733	2684	-49	-1.8
Northern Region	12408	11812	-596	-4.8	108203	102183	-6020	-5.6
Chattisgarh	763	756	-7	-0.9	6586	6379	-207	-3.1
Gujarat	5252	4500	-752	-14.3	36484	32326	-4158	-11.4
Madhya Pr.	3196	2923	-273	-8.5	19326	17035	-2291	-11.9
Maharashtra	7713	6864	-849	-11.0	56558	51423	-5135	-9.1
Daman & Diu (#)	91	91	0	0.0	274	274	0	0.0
D & N Haveli (#)	160	160	0	0.0	451	451	0	0.0
Goa	172	172	0	0.0	1297	1297	0	0.0
Western Region	17347	15466	-1881	-10.8	120976	109185	-11791	-9.7
Andhra	4036	3994	-42	-1.0	30405	29439	-966	-3.2

Pradesh

Karnataka	2952	2628	-324	-11.0	22668	19312	-3356	-14.8
Kerala	1058	1025	-33	-3.1	8480	8187	-293	-3.5
Tamil Nadu	3427	3391	-36	-1.1	29218	28941	-277	-0.9
Pondicherry	113	113	0	0.0	982	982	0	0.0
Southern Region	11586	11151	-435	-3.8	91753	86861	-4892	-5.3
Bihar	630	451	-179	-28.4	5052	3820	-1232	-24.4
DVC	694	683	-11	-1.6	5450	5379	-71	-1.3
Jharkhand	275	267	-8	-2.9	2145	2042	-103	-4.8
Orissa	1116	1096	-20	-1.8	9155	9008	-147	-1.6
West Bengal	1612	1583	-29	-1.8	15151	14837	-314	-2.1
+ Sikkim								

Eastern Region	4327	4080	-247	-5.7	36953	35086	-1867	-5.1
Arunachal	13	13	0	0.0	126	124	-2	-1.6

Pradesh

Assam	291	273	-18	-6.2	2369	2236	-133	-5.6
Manipur	49	48	-1	-2.0	324	318	-6	-1.9
Meghalaya	100	91	-9	-9.0	721	691	-30	-4.2
Mizoram	26	26	0	0.0	183	179	-4	-2.2
Nagaland	30	29	-1	-3.3	202	199	-3	-1.5
Tripura	58	53	-5	-8.6	483	455	-28	-5.8
North-Eastern Region	567	533	-34	-6.0	4408	4202	-206	-4.7

All India	46235	43042	-3193	-6.9	362293	337517	-24776	-6.8
-----------	-------	-------	-------	------	--------	--------	--------	------

(#) Daman & Diu and Dadar Nagar Haveli figures for the period of April-August`03 are included in Gujarat

Peak Demand / Peak Met (Figures in net MW)

November `2003 April- November `2003

State/ Peak Peak Surplus/Deficit Peak Peak Peak Surplus/Deficit (-)
System/ Demand Met (-) Demand (MW) (MW) (%)
Region (MW) (MW) (MW) (%) (MW)

Chandigarh	147	147	0	0.0	188	188	0	0.0
Delhi	2818	2801	-17	-0.6	3389	3284	-105	-3.1
Haryana	2965	2717	-248	-8.4	3465	3278	-187	-5.4
Himachal Pradesh	543	543	0	0.0	665	665	0	0.0
Jammu & Kashmir	1035	985	-50	-4.8	1268	1218	-50	-3.9
Punjab	3753	3580	-173	-4.6	5922	5622	-300	-5.1
Rajasthan	3937	3937	0	0.0	3937	3937	0	0.0
Uttar Pradesh	7057	5742	1315	-18.6	1728	5973	-1245	-17.2
Uttaranchal	711	695	-16	-2.3	766	726	-40	-5.2
Northern Region	22414	20563	1851	-8.3	23817	21961	-1856	-7.8
Chattisgarh	1548	1435	-113	-7.3	1669	1485	-184	-11.0
Gujarat	9820	7196	2624	-26.7	9820	7196	-2624	-26.7
Madhya Pradesh	5392	4647	-745	-13.8	5392	4647	-745	-13.8
Maharashtra	14211	11282	-2929	-20.6	14211	11282	-2929	-20.6
Daman & Diu (#)	181	181	0	0.0	181	181	0	0.0
Nagar Haveli (#)	250	250	0	0.0	315	315	0	0.0
Goa	332	332	0	0.0	332	332	0	0.0
Western Region	29076	23376	-5700	-19.6	29076	23376	-5700	-19.6
Andhra Pradesh	6907	6777	-130	-1.9	8679	7143	-1536	-17.7

Karnataka	5348	4804	-544	-10.2	6213	4913	-1300	-20.9
Kerala	2386	2210	-176	-7.4	2442	2210	-232	-9.5
Tamil Nadu	6657	6619	-38	-0.6	6772	6710	-62	-0.9
Pondicherry	182	182	0	0.0	235	235	0	0.0
Southern Region	21019	20152	-867	-4.1	21788	20152	-1636	-7.5
Bihar	832	697	-135	-16.2	973	741	-232	-23.8
DVC	1138	1064	-74	-6.5	1275	1154	-121	-9.5
Jharkhand	504	456	-48	-9.5	539	456	-83	-15.4
Orissa	2074	1904	-170	-8.2	2099	1958	-141	-6.7
West Bengal + Sikkim	3571	3263	-308	-8.6	3836	3652	-184	-4.8
Eastern Region	7969	7070	-899	-11.3	8594	7710	-884	-10.3
Arunachal Pradesh	45	45	0	0.0	50	50	0	0.0
Assam	715	599	-116	-16.2	738	635	-103	-14.0
Manipur	100	100	0	0.0	115	111	-4	-3.5
Meghalaya	209	159	-50	-23.9	209	195	-14	-6.7
Mizoram	70	69	-1	-1.4	71	69	-2	-2.8
Nagaland	62	62	0	0.0	62	62	0	0.0
Tripura	182	138	-44	-24.2	190	144	-46	-24.2
North-Eastern Region	1258	1069	-189	-15.0	1259	1071	-188	-14.9
All India	81736	72230	-9506	-11.6	81736	72230	-9506	-11.6

(#) Daman & Diu and Dadar Nagar Haveli figures for the period of April-August`03 are included in Gujarat

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO.1470 TO BE ANSWERED IN THE LOK SABHA ON 11.12.2003.

Extracts from 16th EPS

States (MKWH)	Energy Requirement (MW)	Peak Load
Northern Region (Public Utilities) 2006-07 2006-07		
Haryana	25750	4899
Himachal Pradesh	5113	973
J&K	9099	1923
Punjab	41922	7719
Rajasthan	40341	6772
Uttar Pradesh	70803	11384
Chandigarh	2120	403
Delhi	25672	4310
Total	220820	35540
Western Region(Public Utilities) 2006-07 2006-07		
Goa	2207	355
Gujarat	61683	10605
Madhya Pradesh	51952	8595
Maharashtra	106892	16716
D & N Haveli	1284	216
Dam & Diu	909	146
Total	224927	35223
Southern Region(Public Utilities) 2006-07 2006-07		
Andhra Pradesh	68797	11219
Karnataka	44748	7740
Kerala	22998	4304
Tamil Nadu	54872	8847
Pondicherry	2687	458
Total	194102	31017
Eastern Region(Public Utilities) 2006-07 2006-07		
Bihar	12256	2332
DVC	11129	2049
Orissa	17997	2977
Sikkim	239	62
West Bengal (excl DVC)	27846	5169
Total	69467	11990

North Eastern Region(Public Utilities) 2006-07 2006-07

Arunachal Pradesh	303	97
Assam	5294	991
Manipur	1039	252
Meghalaya	955	198
Mizoram	525	136
Nagaland	388	98
Tripura	997	253
Total	9501	1875