

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.87
TO BE ANSWERED ON 17.07.2017

**STATUS OF POWER GENERATION AND PROJECT
IMPLEMENTATION IN THE COUNTRY**

†87. SHRI MEGHRAJ JAIN:

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

- (a) the details of the demand and supply of power in the country including Madhya Pradesh, State-wise;
- (b) the quantum of power generated by each State using its own resources during the last two years and the current financial year and the details of the quantum of power provided to each State from central power generating stations during the said period; and
- (c) whether the Central Government has sanctioned any power project for various States during the last two years and if so, the details of the said projects, State-wise?

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) : The State-wise details of demand and supply of power including Madhya Pradesh during the current year (April, 2017- June, 2017) are given at **Annex-I**.

(b) : The quantum of power produced by each State/UT with its own resources and the quantum of power given from central generating stations (schedule) to each State/UT, during the last two years and the current year is given in **Annex-II & III** respectively.

(c) : Electricity is a concurrent subject. As per Electricity Act, 2003, electricity generation is a delicensed activity and any State or generating company may establish a generating station.

However, hydro projects need Techno-economic Clearance. Detailed Project Reports (DPRs) of 14 nos. of Hydroelectric Projects with aggregate installed capacity of 9,632 MW have been concurred by CEA since April, 2015. State-wise details of the same are given at **Annex-IV**.

**ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION
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Power Supply Position for 2017-18 (Provisional)

State / System / Region	Energy				Peak			
	April, 2017 - June, 2017				April, 2017 - June, 2017			
	Energy Requirement (MU)	Energy Supplied (MU)	Energy not Supplied (MU) (%)		Peak Demand (MW)	Peak Met (MW)	Demand not Met (MW) (%)	
Chandigarh	487	478	9	2	340	340	0	0
Delhi	9,345	9,338	7	0.1	6,553	6,526	27	0.4
Haryana	12,875	12,875	0	0.0	8,912	8,912	0	0.0
Himachal Pradesh	2,326	2,317	9	0.4	1,377	1,377	0	0.0
Jammu & Kashmir	4,597	3,669	928	20.2	2,768	2,214	554	20.0
Punjab	14,015	14,015	0	0.0	10,786	10,786	0	0.0
Rajasthan	16,829	16,723	106	0.6	10,347	10,347	0	0.0
Uttar Pradesh	31,942	31,575	367	1.1	18,827	18,061	766	4.1
Uttarakhand	3,500	3,493	7	0.2	2,027	2,027	0	0.0
Northern Region	95,915	94,481	1,434	1.5	53,382	52,429	953	1.8
Chhattisgarh	6,829	6,829	0	0.0	3,888	3,887	1	0.0
Gujarat	29,192	29,192	0	0.0	15,693	15,693	0	0.0
Madhya Pradesh	16,166	16,166	0	0.0	8,402	8,402	0	0.0
Maharashtra	40,054	40,003	51	0.1	22,542	22,494	48	0.2
Daman & Diu	630	630	0	0.0	342	342	0	0.0
Dadra Nagar Haveli	1,525	1,525	0	0.0	771	771	0	0.0
Goa	1,036	1,036	0	0.0	558	557	1	0.2
Western Region	95,433	95,382	51	0.1	49,860	49,788	72	0.1
Andhra Pradesh	14,384	14,377	7	0.0	8,024	8,000	24	0.3
Telangana	13,291	13,286	5	0.0	9,009	9,001	8	0.1
Karnataka	16,640	16,634	6	0.0	9,992	9,987	5	0.1
Kerala	6,394	6,388	6	0.1	3,889	3,862	27	0.7
Tamil Nadu	27,986	27,977	9	0.0	15,001	14,975	26	0.2
Puducherry	703	703	0	0.0	388	387	0	0.1
Lakshadweep#	12	12	0	0	8	8	0	0
Southern Region	79,399	79,365	34	0.0	42,770	42,535	235	0.5
Bihar	6,797	6,606	191	2.8	4,122	4,021	101	2.5
DVC	5,230	5,221	9	0.2	2,770	2,770	0	0.0
Jharkhand	1,969	1,962	7	0.4	1,211	1,211	0	0.0
Odisha	7,285	7,283	2	0.0	4,227	4,227	0	0.0
West Bengal	13,627	13,571	56	0.4	7,828	7,828	0	0.0
Sikkim	106	106	0	0.0	91	91	0	0.0
Andaman- Nicobar#	60	45	15	25	40	32	8	20
Eastern Region	35,015	34,751	264	0.8	19,238	19,191	47	0.2
Arunachal Pradesh	183	180	3	1.6	145	145	0	0.2
Assam	2,227	2,111	116	5.2	1,744	1,623	121	6.9
Manipur	184	181	3	1.6	163	161	2	1.2
Meghalaya	407	407	0	0.0	304	304	0	0.1
Mizoram	124	122	2	1.6	86	85	1	0.8
Nagaland	187	184	3	1.6	147	146	1	0.7
Tripura	605	592	13	2.1	280	276	4	1.4
North-Eastern Region	3,918	3,777	141	3.6	2,499	2,391	108	4.3
All India	3,09,680	3,07,755	1,925	0.6	1,59,816	1,58,393	1,423	0.9

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

**ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION
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State's Own Gross Generation

State	Generation (Million Units)		
	2017-18 (April-June)*	2016-17	2015-16
DELHI	1118.13	4548.41	3964.66
HARYANA	2103.7	9486.92	10396.08
HIMACHAL PRADESH	605.99	1293.51	1161.81
JAMMU AND KASHMIR	2078.7	4789.6	3980.3
PUNJAB	2872.31	9747.67	12343.39
RAJASTHAN	5777.3	27249.38	27399.94
UTTAR PRADESH	9257.45	30963.85	28153.73
UTTARAKHAND	1246.74	4201.44	4762.86
CHHATTISGARH	5265.65	18217.32	15603.8
GOA	0	0	0
GUJARAT	7039.66	21370.76	23101.99
MADHYA PRADESH	4123.37	17212.15	20538.42
MAHARASHTRA	14925.1	49921.11	47213.52
ANDHRA PRADESH	6547.37	29085.32	25049.76
KARNATAKA	5466.85	24916.93	25037.87
KERALA	1184.07	4115.21	6510.59
PUDUCHERRY	56.25	246.84	227.59
TAMIL NADU	7470.13	29112.29	34543.58
TELANGANA	7101.43	23793.71	16617.61
ANDAMAN NICOBAR	46.4	215.56	182.85
BIHAR	36.04	131.42	0
JHARKHAND	368.09	1453.43	2687.98
ODISHA	2660.89	8348.87	8027.67
SIKKIM	1133.53	309.42	0
WEST BENGAL	7285.53	27222.58	23430.87
ARUNACHAL PRADESH	0	0	0
ASSAM	368.18	1640.2	1864.37
MANIPUR	0	0	0
MEGHALAYA	221.83	719.6	860.94
NAGALAND	0	0	0
TRIPURA	155.7	624.19	739.22

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT

- Note:**
- 1 Generation from conventional sources (Thermal, Hydro and Nuclear) stations of 25 MW and above only.
 2. Figures given above indicate gross generation of the power stations located geographically in the respective State/UT.

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State-wise Quantum of Power from Central Generating Stations

(Figures in Million Units)		
States/System	2016-17	2015-16
Northern Region		
Chandigarh	1036.29	991.57
Delhi	19323.06	19520.72
Haryana	14471.50	13225.44
H.P.	6879.98	6800.19
J & K.	10627.99	10636.01
Punjab	18971.96	18790.36
Rajasthan	17734.24	17800.98
U.P.	37021.07	39718.29
Uttarakhand	5443.20	5536.44
Western Region		
Chhattisgarh	7491.32	7474.19
Gujarat	26134.32	32370.59
Madhya Pradesh	26932.74	35878.95
Maharashtra	33100.10	33618.60
DD	1586.63	1868.65
DNH	3412.69	3811.64
Goa	3292.07	3423.26
Southern Region		
Andhra Pr.	11598.87	12476.72
Telangana	12813.12	14890.68
Karnataka	19480.65	15666.53
Kerala	10574.77	11595.43
Tamil Nadu	33062.04	29716.64
Puducherry	2587.65	2423.49
Eastern Region		
Bihar	18252.19	15949.85
Jharkhand	3817.31	3096.47
Odisha	8280.89	7448.19
W. Bengal	7108.90	6809.62
Sikkim	817.89	773.25
North Eastern Region		
Arunachal Pr.	727.09	601.71
Assam	5929.27	4231.95
Manipur	968.36	747.60
Meghalaya	793.25	937.15
Mizoram	542.94	409.57
Nagaland	658.42	532.42
Tripura	1624.03	1360.63

ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION
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List of Hydro Electric Schemes concurred/ appraised by CEA since April, 2015

S. No.	Name of Scheme	Sector	Developer	Installed Capacity (MW)
	Jammu & Kashmir			
1.	Kiru	Joint- Venture	CVPP	624
2.	Sawalkot	State	JKPDC	1856
3.	Kirthai-II	State	JKPDC	930
4.	Kwar	Joint-Venture	CVPP	540
	Sub-Total			3950
	Himachal Pradesh			
5.	Seli	Private	SHPCL	400
6.	Sach Khas	Private	L&T HHPL	267
7.	Dugar	Private	DHPL	449
	Sub-Total			1116
	West Bengal			
8.	Turga PSP	State	WBSEDCL	1000
	Sub-Total			1000
	Arunachal Pradesh			
9.	Heo	Private	HPPL	240
10.	Tato-I	Private	SHPPL	186
11.	Tagurshit	Private	L&T	74
12.	Dibang	Central	NHPC	2880
	Sub-Total			3380
	Assam			
13.	Lower Kopili	State	AGPCL	120
	Sub-Total			120
	Manipur			
14.	Loktak Downstream	Central	LDHCL	66
	Sub-Total			66
	Total			9632
