

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.1500
TO BE ANSWERED ON 26.07.2018**

GAP BETWEEN DEMAND AND GENERATION OF POWER

**1500. PROF. K.V. THOMAS:
SHRI RAMSINH RATHWA:**

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

- (a) whether the utilization of electricity in the country has increased during the last ten years and if so, the details thereof;**
- (b) the details of demand and generation of power in the country during each of the last two years and the current year so far, year-wise and State/ UT-wise;**
- (c) the steps taken by the Government to bridge the gap;**
- (d) whether Union Government proposes to set up more power plants in the country to tide over the gap between demand and generation and if so, the details thereof; and**
- (e) whether any new projects have been approved by the Government under the Central Scheme in the country, especially to Gujarat and Kerala and 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) to (c): Yes, Madam. The energy supplied in the country has increased from 666,007 Million Units (MU) in 2007-08 to 1,204,697 MU in 2017-18. The demand and generation of power in the country during last two years and the current year is enclosed at Annexure. As on 30th June, 2018, the installed generation capacity is about 344 Giga Watt (GW) which is more than sufficient to meet the present peak demand of around 170 GW in the country.

(d) : As of now, the generation capacity is more than the demand in the country. However, taking into account the future projections of demand, Government of India has set a target of capacity addition of 8106.15 MW for year 2018-19 from conventional sources of energy. Further, the target for capacity addition under renewable energy is 175 GW by 2021-22.

(e) : The Government has accorded “In-Principle” approval of the following site in Gujarat for locating Nuclear Power Projects in future.

Site and Location	Capacity (MW)
Reactors with Foreign Cooperation	
Chhaya Mithi Viridi, Gujarat	6 X 1000*

***Nominal Capacity**

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 1500 TO BE ANSWERED IN THE LOK SABHA ON 26.07.2018.

Energy Requirement of power of last two years and current year			
State / Region	April, 2018 - June, 2018	April, 2017 - March, 2018	April, 2016 - March, 2017
	(MU)	(MU)	(MU)
Chandigarh	457	1,610	1,645
Delhi	9,889	31,826	30,829
Haryana	14,025	50,775	48,895
Himachal Pradesh	2,370	9,399	8,831
Jammu & Kashmir	4,838	18,808	17,398
Punjab	14,320	54,812	53,098
Rajasthan	19,345	71,194	67,838
Uttar Pradesh	32,502	1,20,052	1,07,569
Uttarakhand	3,670	13,457	13,069
Northern Region	1,01,417	3,71,934	3,49,172
Chhattisgarh	6,358	25,916	23,750
Gujarat	30,788	1,09,984	1,03,706
Madhya Pradesh	16,633	69,925	65,759
Maharashtra	42,183	1,49,761	1,39,295
Daman & Diu	665	2,534	2,398
Dadar Nagar Haveli	1,597	6,168	6,021
Goa	1,159	4,117	4,319
Western Region	99,382	3,68,405	3,45,247
Andhra Pradesh	15,879	58,384	54,300
Telangana	14,143	60,319	53,030
Karnataka	16,762	67,869	66,899
Kerala	6,354	25,002	24,296
Tamil Nadu	28,999	1,06,006	1,04,511
Puducherry	732	2,668	2,548
Lakshadweep	12	47	48
Southern Region	82,868	3,20,248	3,05,588
Bihar	7,884	27,019	25,711
DVC	5,604	21,549	18,929
Jharkhand	2,117	7,907	7,960
Odisha	8,232	28,802	26,758
West Bengal	13,876	50,760	47,948
Sikkim	119	485	475
Andaman- Nicobar	87	328	240
Eastern Region	37,833	1,36,522	1,27,783
Arunachal Pradesh	205	799	729
Assam	2,355	9,094	9,020
Manipur	199	874	764
Meghalaya	420	1,557	1,715
Mizoram	148	497	514
Nagaland	219	794	757
Tripura	381	2,602	1,644
North-Eastern Region	3,928	16,216	15,140
All India	3,25,428	12,13,326	11,42,928

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

State wise Generation for last two years and current year					
Region	State	Monitored Capacity as on 30.06.2018 MW	Generation (MU)		
			2018-19 (upto- June 18)*	2017-18	2016-17
NR	BBMB	2866.30	2278.71	10864.14	10570.00
	DELHI	3048.40	2266.63	7048.70	6253.26
	HARYANA	5971.59	7279.20	26605.97	18890.44
	HIMACHAL PRADESH	6934.02	7267.27	28412.65	26853.98
	JAMMU AND KASHMIR	3624.00	5113.61	14937.56	15377.69
	PUNJAB	7591.00	6951.53	28958.56	26492.18
	RAJASTHAN	11114.13	12949.24	51643.61	51792.17
	UTTAR PRADESH	24183.74	32335.46	128542.28	120142.11
	UTTARAKHAND	4206.35	3567.15	15606.60	14250.54
	NR Total		69539.53	80008.80	312620.07
WR	CHHATTISGARH	23088.00	30319.94	110041.76	105686.18
	GOA	48	0	0	0
	GUJARAT	25473.41	20021.84	96519.87	99748.61
	MADHYA PRADESH	19460	30033.13	111333.00	98599.98
	MAHARASHTRA	32720.08	36890.17	124308.77	118091.71
WR Total		100789.49	117265.08	442203.40	422126.48
SR	ANDHRA PRADESH	17657.2	16508.34	61851.80	65248.16
	KARNATAKA	14170.52	12040.63	44668.81	43766.67
	KERALA	2575.04	1709.68	5248.02	4130.61
	PUDUCHERRY	32.5	61.59	226.45	246.84
	TAMIL NADU	18832.08	21823.59	82386.30	84581.68
	TELANGANA	9518.1	12108.04	49913.97	43391.23
SR Total		62785.44	64251.87	244295.35	241365.19
ER	ANDAMAN NICOBAR	40.05	42.62	258.79	215.56
	BIHAR	5480	7462.43	28440.03	24514.85
	DVC	7233.2	10371.03	35950.56	33566.47
	JHARKHAND	2380	3612.25	13997.33	14727.43
	ORISSA	9822.25	12693.31	46512.83	55841.18
	SIKKIM	2169	2525.80	8887.99	4330.40
	WEST BENGAL	10883	13777.38	52381.91	52192.69
	ER Total		38007.5	50484.82	186429.44
NER	ARUNACHAL PRADESH	515	366.22	1416.74	1249.01
	ASSAM	1404.45	1693.39	5972.12	5981.37
	MANIPUR	141	168.78	837.74	741.07
	MEGHALAYA	372	295.02	1401.03	916.70
	MIZORAM	60	42.67	78.37	
	NAGALAND	75	52.06	274.39	258.94
	TRIPURA	1132.1	1533.39	5999.27	5873.89
NER Total		3699.55	4151.53	15979.66	15020.98
IMPORT	Bhutan (IMP)		738.55	4778.33	5617.34
IMPORT Total			738.55	4778.33	5617.34
Grand Total		274821.51	316900.65	1206306.25	1160140.94

* PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT

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