

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.701
TO BE ANSWERED ON 07.02.2019
POWER PRODUCTION**

†701. **SHRI RAHUL KASWAN:**

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

- (a) whether the Government has made progress in area of power production in the country;**
- (b) if so, the details thereof, State-wise including Rajasthan during the last three years;**
- (c) whether the Government has formulated any special scheme to increase more power production; and**
- (d) if so, the areas and States in which action plan of power production has been decided?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) & (b): Yes, Madam. The details of power generation from conventional fuel sources (Thermal, Hydro & Nuclear) from 25 MW & above capacity and renewable sources in the country, State-wise, including Rajasthan during the last three years & the current year 2018-19 (up to December 2018) are given at Annex-I & Annex-II respectively.

(c) & (d): As on 31.12.2018, the installed generation capacity is about 349 Giga Watt (GW) which is more than sufficient to meet the peak power demand of the country of around 177 GW which occurred during the current year 2018-19 (upto December, 2018). Taking into account the future demand projections, generation capacity addition of 47,855 MW coal, 406 MW Gas, 6,823 MW Hydro and 3,300 MW Nuclear is projected to be commissioned during 2017-2022. The renewable energy capacity is also targeted to be 175 GW by 2021-22 on All India basis.

With these generation capacity additions, the electricity peak demand of 225 GW and energy requirement of 1566 BU projected for the year 2021-22 as per the 19th Electric Power Survey, will be fully met on All India basis.

ANNEX-I

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 701 TO BE ANSWERED IN THE LOK SABHA ON 07.02.2019.

**State-wise Generation for conventional sources for Last 3 years and current year
(upto December, 2018)**

State	Generation (in MUs)			
	2018-19 (upto-Dec. 18)	2017-18	2016-17	2015-16
ANDAMAN & NICOBAR	99.98	258.79	215.56	182.85
ANDHRA PRADESH	47281.46	61851.80	65248.16	58230.59
ARUNACHAL PRADESH	1339.98	1416.74	1249.01	1280.25
ASSAM	5381.26	5972.12	5981.37	4522.12
BBMB	7831.01	10864.14	10570.00	11818.9
Bhutan (IMP)	4322.12	4778.33	5617.34	5244.21
BIHAR	23730.92	28440.03	24514.85	20827.01
CHHATTISGARH	88645.95	110041.76	105686.18	89513.29
DELHI	6155.66	7048.70	6253.26	6206.1
DVC	26659.15	35950.56	33566.47	28029.93
GOA	0.00	0.00	0.00	0
GUJARAT	70320.77	96519.87	99748.61	104917.3
HARYANA	19520.77	26605.97	18890.44	22247.14
HIMACHAL PRADESH	23898.03	28412.65	26853.98	27087.49
JAMMU AND KASHMIR	13693.58	14937.56	15377.69	15136.15
JHARKHAND	10349.60	13997.33	14727.43	15933.67
KARNATAKA	35825.53	44668.81	43766.67	47553.25
KERALA	5987.57	5248.02	4130.61	6653.34
MADHYA PRADESH	90804.72	111333.00	98599.98	95740.5
MAHARASHTRA	103663.10	124308.77	118091.71	117244.4
MANIPUR	544.38	837.74	741.07	536.64
MEGHALAYA	1026.02	1401.03	916.70	1035.99
MIZORAM	156.14	78.37	0	0
NAGALAND	221.93	274.39	258.94	163.14
ODISHA	35151.63	46512.83	55841.18	57221.8
PUDUCHERRY	181.45	226.45	246.84	227.59
PUNJAB	23733.57	28958.56	26492.18	23342.89
RAJASTHAN	42092.22	51643.61	51792.17	53947.35
SIKKIM	8112.00	8887.99	4330.40	3551.92
TAMIL NADU	62711.84	82386.30	84581.68	76406.83
TELANGANA	37660.83	49913.97	43391.23	36868.2
TRIPURA	4873.95	5999.27	5873.89	5109.38
UTTAR PRADESH	94872.39	128542.28	120142.11	111329.5
UTTARAKHAND	12306.01	15606.60	14250.54	12765.92
WEST BENGAL	40777.11	52381.91	52192.69	46946.62
GRAND TOTAL	949932.63	1206306.25	1160140.94	1107822.26

ANNEX REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 701 TO BE ANSWERED IN THE LOK SABHA ON 07.02.2019.

State-wise generation from Renewable sources including Rajasthan during last three years and current year 2018-19 (upto December 2018)

Sl. No.	State/Utility	2018-19 (Upto December 2018)	2017-18	2016-17	2015-16
1	Andaman & Nicobar	18.12	19.65	20.03	18.72
2	Andhra Pradesh	11380.14	10597.47	5483.26	3106.61
3	Arunachal Pradesh	1.28	0.70	27.43	18.44
4	Assam	16.57	24.49	14.15	90.94
5	Bihar	246.42	309.06	292.53	165.11
6	Chandigarh	11.56	7.87	13.16	3.40
7	Chhattisgarh	744.38	1069.21	1446.22	1202.42
8	Dadra and Nagar Haveli	3.89	5.23	1.31	0.50
9	Daman & Diu	13.09	18.53	14.43	4.25
10	Delhi	221.25	241.09	144.73	128.97
11	DVC	1.81	9.54	14.09	118.26
12	Gujarat	10666.47	11759.63	9497.99	8003.73
13	Haryana	479.62	560.70	449.54	1343.15
14	HP	2074.25	1903.05	2015.58	1921.77
15	J & K	260.89	324.37	326.12	304.79
16	Jharkhand	13.92	19.47	38.47	19.77
17	Karnataka	16479.89	13463.98	9585.68	10061.03
18	Kerala	618.85	774.32	562.72	618.78
19	Lakshadweep	0.94	1.79	1.59	1.02
20	Madhya Pradesh	5914.53	6292.90	5268.67	2910.42
21	Maharashtra	11186.39	12036.98	11292.70	10756.58
22	Manipur	0.89	0.15	0.01	0.00
23	Meghalaya	40.41	70.56	59.10	65.96
24	Mizoram	27.74	54.67	49.62	27.62
25	Nagaland	78.86	91.00	92.73	88.73
26	NEEPCO	36.97	6.71	6.89	6.15
27	NTPC Andaman/ Talcher	14.15	20.43	20.00	18.91
28	NTPC Dadri/FBD/Unchahar/ Singrauli/ Bhadla	388.07	480.99	74.90	42.41
29	NTPC Rajgarh/Raojmal/Mandsaur	414.18	381.99	82.21	81.00
30	NTPC Ramagundam/Anantapuram	314.89	426.37	350.53	16.02
31	Odisha	475.43	517.56	507.71	434.45
32	Oil India Ltd (Madhya Pradesh &Gujrat)	191.97			
33	Oil India Ltd (Rajasthan)	89.08	251.25	227.20	193.67
34	Puducherry	1.71	1.17	0.34	0.00
35	Punjab	1755.52	2343.87	2149.49	1474.20
36	Rajasthan	8544.53	9484.23	7973.85	6600.24
37	Sikkim	23.53	30.54	35.78	41.93
38	Tamil Nadu	14705.30	16179.86	15153.87	9331.47
39	Telangana	5045.80	4632.28	1999.89	1027.90
40	Tripura	30.52	44.48	46.47	18.47
41	Uttar Pradesh	3347.57	4606.29	3638.26	3201.49
42	Uttarakhand .	833.09	1184.50	999.19	703.42
43	West Bengal	1209.24	1590.54	1569.77	1608.15
	Total	97923.70	101839.48	81548.21	65780.85
