

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.903  
TO BE ANSWERED ON 28.04.2016**

**POWER GENERATION CAPACITY- CONSUMPTION PATTERN**

**903. SHRI J.J.T. NATTERJEE:**

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

- (a) the total installed capacity of electricity generation in the country;**
- (b) whether this is enough for the growing population in the country and if so, the details thereof;**
- (c) whether there is difference between States in consumption pattern of power and if so, the details thereof;**
- (d) the details of installed capacity of Renewable Power Plants and Non-Renewable Power Plants in the country; and**
- (e) whether the Government is shifting from Renewable Power to Non-Renewable Power, if so, the details thereof?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

- (a) : The total installed capacity of electricity generation in the country, including Renewable Energy Sources (RES), as on 31.03.2016 is 3,01,965 MW.**
- (b) : Yes, Madam. During the 12<sup>th</sup> Five Year Plan, a capacity addition of 88,537 MW was planned from conventional sources which was sufficient to meet the demand of electricity by the terminal year of 12<sup>th</sup> Five Year Plan as per 18<sup>th</sup> Electric Power Survey. With Government initiative, about 85,000 MW i.e. 96% of the target has already been commissioned in 4 years of the 12<sup>th</sup> Five Year Plan period which would meet the growing demand of electricity.**
- (c) : State-wise power consumption for the years 2012-13, 2013-14 & 2014-15 is given at Annex-I.**
- (d) : The details of installed capacity of Renewable power and Non-Renewable power plants in the country is given at Annex-II.**
- (e) : No, Madam. Government has rather an aggressive programme to add Renewable power capacity of 1,75,000 MW by the year 2021-22.**

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ANNEX REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 903 TO BE ANSWERED IN THE LOK SABHA ON 28.04.2016.

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**Statement Showing State-wise Total Electricity Consumption (GWh) (Utilities+Non Utilities)**

State / UTs	2012-13	2013-14	2014-15*
<b>NORTHERN REGION</b>			
Chandigarh	1,366.70	1,420.92	1,473.34
Delhi	23,144.85	23,981.90	24,776.35
Haryana	27,075.15	29,960.27	33,093.53
Himachal Pradesh	7,471.03	7,780.37	7,989.59
Jammu & Kashmir	5,166.49	4,977.36	5,511.60
Punjab	36,991.86	39,039.25	41,392.15
Rajasthan	49,348.40	50,985.27	57,864.32
Uttar Pradesh	65,984.23	69,540.50	74,898.45
Uttarakhand	9,531.93	10,539.43	10,952.15
<b>Sub-Total (NR)</b>	<b>2,26,084.11</b>	<b>2,39,005.67</b>	<b>2,58,815.38</b>
<b>WESTERN REGION</b>			
Chhattisgarh	26,562.36	27,753.19	34,817.00
Gujarat	85,046.94	88,707.28	96,842.35
Madhya Pradesh	36,854.87	40,882.85	46,149.50
Maharashtra	1,04,913.16	1,06,068.69	1,13,639.49
Daman & Diu	1,815.59	1,819.20	1,595.76
D & N Haveli	4,597.08	5,191.84	5,165.91
Goa	3,081.02	3,156.84	3,222.11
<b>Sub-Total (WR)</b>	<b>2,62,871.02</b>	<b>2,73,579.89</b>	<b>3,01,432.12</b>
<b>SOUTHERN REGION</b>			
Andhra Pradesh	74,845.84	79,333.25	45,378.64
Karnataka	57,904.77	61,095.50	67,585.11
Kerala	17,412.66	18,611.65	19,662.61
Telangana			39,638.88
Tamil Nadu	68,678.70	80,057.96	86,914.87
Puducherry	2,616.62	2,635.03	2,554.25
Lakshadweep	37.90	41.03	44.63
<b>Sub-Total (SR)</b>	<b>2,21,496.49</b>	<b>2,41,774.41</b>	<b>2,63,700.26</b>
<b>EASTERN REGION</b>			
Bihar	7,060.83	8,340.94	10,147.37
Jharkhand	22,737.74	23,845.47	22,150.97
Orissa	36,097.17	38,283.16	39,589.34
West Bengal	38,459.72	38,881.37	41,312.82
Sikkim	385.44	404.71	404.71
A & N Islands	206.35	215.77	229.46
<b>Sub-Total (ER)</b>	<b>1,04,947.25</b>	<b>1,09,971.42</b>	<b>1,13,834.67</b>
<b>NORTH EASTERN REGION</b>			
Arunachal Pradesh	470.93	480.52	542.65
Assam	5,323.85	5,986.24	6,702.80
Manipur	379.01	397.96	465.10
Meghalaya	1,396.35	1,592.88	1,386.15
Mizoram	286.60	302.79	327.22
Nagaland	327.64	394.50	529.34
Tripura	721.39	722.28	786.13
<b>Sub-Total (NER)</b>	<b>8,905.77</b>	<b>9,877.17</b>	<b>10,739.39</b>
<b>Total(All India)</b>	<b>8,24,301.17</b>	<b>8,74,208.57</b>	<b>9,48,521.82</b>
* Provisional			

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**ANNEX REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 903  
TO BE ANSWERED IN THE LOK SABHA ON 28.04.2016.**

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**Details of installed capacity of Renewable power and  
Non-Renewable power plants in the country**

<b>Sl. No.</b>	<b>Category</b>	<b>Installed Capacity (MW)</b>
	<b>Renewable :</b>	
<b>1.</b>	<b>Wind Power</b>	<b>26,744</b>
<b>2.</b>	<b>Solar Power</b>	<b>6,763</b>
<b>3.</b>	<b>Small Hydro Power</b>	<b>4,274</b>
<b>4.</b>	<b>Biomass and Bagasse</b>	<b>4,831</b>
<b>5.</b>	<b>Waste to Power</b>	<b>115</b>
	<b>Sub Total (Renewable)</b>	<b>42,727</b>
	<b>Non-Renewable :</b>	
<b>1.</b>	<b>Thermal</b>	<b>2,10,675</b>
<b>2.</b>	<b>Nuclear</b>	<b>5,780</b>
<b>3.</b>	<b>Hydro</b>	<b>42,783</b>
	<b>Sub Total (Non-Renewable)</b>	<b>2,59,238</b>
	<b>Grant Total</b>	<b>3,01,965</b>

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