

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.256  
TO BE ANSWERED ON 17.11.2016**

**DEMAND AND SUPPLY OF POWER**

**256. SHRI RABINDRA KUMAR JENA:  
SHRI SIRAJUDDIN AJMAL:**

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

- (a) whether the generation of power during current year is less as compared to its generation during previous year and if so, the reasons therefor;**
- (b) the details of All India and state-wise annual electricity demand and supply during each of the last three years separately for peaking and non-peaking period;**
- (c) the steps being taken/ proposed to be taken to bridge the gap between the demand and supply of electricity in the country;**
- (d) the details of All India and state-wise annual T&D losses during each of the last three years;**
- (e) the details of All India and state-wise per capita electricity consumption during the last three years; and**
- (f) the extent to which the country performs in terms of the above indicators when compared to the global average and other developed and developing nations in the world?**

**A N S W E R**

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

**( SHRI PIYUSH GOYAL )**

- (a) : No, Madam. Electricity generation during the current year was more as compared to previous year. The Electricity generation including from renewable sources during April to September, 2016 was about 632.11 BU as against 593.68 BU during the same period last year showing a growth of 6.5%.**
- (b) : The details of All India and state-wise annual electricity demand and supply during peaking period and the energy requirement and availability which covers peaking as well as non peaking period in each of the last three years and the current year is given at Annex-I.**

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**(c) : The following steps have been taken to bridge the gap between the demand and supply of electricity in the country:**

**(i) During the 12<sup>th</sup> Plan period (2012-17), a capacity addition of about 88928.2 MW from conventional sources have been achieved till 31<sup>st</sup> October, 2016 and about 21,128 MW from renewable sources have been achieved till 30<sup>th</sup> September, 2016.**

**(ii) Adequate supply of the domestic coal to power plants has been ensured. The growth of domestic coal supply to power plants has been around 6.2% during 2015-16.**

**(iii) During the 12<sup>th</sup> Plan (2012-17), 1,00,468 ckm of transmission lines and 2,88,458 MVA of transformation capacity have been completed till 31<sup>st</sup> October, 2016.**

**(iv) Government of India has taken an initiative to prepare State specific Action Plans for providing 24X7 Power For All (PFA) in partnership with the States.**

**(v) Two new schemes have been launched by the Government of India, namely, Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) for strengthening of sub-transmission and distribution networks and for segregation of agricultural feeders to give adequate and reliable supply and reduce line losses.**

**(vi) Government of India has taken several steps to promote energy conservation, energy efficiency and other demand side management measures.**

**(vii) Central Government has notified Ujjawal Discom Assurance Yojana (UDAY) scheme on 20.11.2015 for Operational & Financial Turnaround of DISCOMs.**

**(viii) Government of India has taken steps for expeditious resolution of issues relating to Environmental and forest clearances for facilitating early completion of generation and transmission projects.**

**(ix) Government of India has launched a scheme by providing support from Power System Development Fund (PSDF) for stranded gas based generation.**

**(d) : The details of All India and State wise annual T&D losses as reported by the states during 2012-13, 2013-14 & 2014-15 is at Annex-II.**

**(e): The details of All India and state-wise per capita electricity consumption during the last three years is at Annex- III.**

**(f) : A comparative statement of per capita electricity consumption of various developed and developing countries along with India is at Annex-IV(a) and Annex-IV(b). The T&D Losses of various developed and developing countries is at Annex-V.**

**ANNEX REFERRED TO IN REPLY TO PARTS (b) OF UNSTARRED QUESTION NO. 256 TO BE ANSWERED IN THE LOK SABHA ON 17.11.2016.**

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**Power Supply Position for April-October, 2016\***

State / System / Region	Energy Requirement	Energy Availability	Surplus/Deficit(-)		Peak Requirement	Peak Availability	Surplus/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1,135	1,135	0	0	361	361	0	0
Delhi	21,666	21,639	-27	-0.1	6,342	6,261	-81	-1.3
Haryana	32,179	32,179	0	0.0	9,262	9,262	0	0.0
Himachal Pradesh	5,142	5,113	-29	-0.6	1,342	1,342	0	0.0
Jammu & Kashmir	9,737	7,929	-1,808	-18.6	2,480	2,102	-378	-15.2
Punjab	37,557	37,557	0	0.0	11,408	11,408	0	0.0
Rajasthan	38,538	38,351	-187	-0.5	9,906	9,906	0	0.0
Uttar Pradesh	65,677	64,217	-1,460	-2.2	17,183	15,501	-1,682	-9.8
Uttarakhand	7,943	7,899	-44	-0.6	2,020	1,972	-48	-2.4
Northern Region	219,575	216,020	-3,555	-1.6	53,372	52,612	-760	-1.4
Chhattisgarh	14,724	14,671	-53	-0.4	3,875	3,851	-25	-0.6
Gujarat	62,059	62,059	0	0.0	14,724	14,708	-16	-0.1
Madhya Pradesh	35,799	35,798	-1	0.0	8,832	8,832	0	0.0
Maharashtra	80,875	80,838	-37	0.0	20,499	20,462	-37	-0.2
Daman & Diu	1,434	1,434	0	0.0	327	327	0	0.0
Dadra Nagar Haveli	3,620	3,620	0	0.0	784	784	0	0.0
Goa	2,857	2,855	-2	-0.1	497	496	-1	-0.3
Western Region	201,368	201,278	-90	0.0	46,123	46,090	-33	-0.1
Andhra Pradesh	31,471	31,435	-36	-0.1	7,969	7,965	-4	-0.1
Telangana	29,538	29,532	-6	0.0	8,284	8,284	0	0.0
Karnataka	37,114	36,828	-286	-0.8	9,980	9,567	-413	-4.1
Kerala	14,107	14,084	-23	-0.2	4,132	3,996	-135	-3.3
Tamil Nadu	63,324	63,313	-11	0.0	14,823	14,823	0	0.0
Puducherry	1,545	1,544	-1	-0.1	371	368	-3	-0.7
Lakshadweep#	28	28	0	0	8	8	0	0
Southern Region	177,100	176,734	-366	-0.2	41,298	41,259	-39	-0.1
Bihar	16,025	15,766	-259	-1.6	3,843	3,638	-205	-5.3
DVC	10,829	10,775	-54	-0.5	2,686	2,686	0	0.0
Jharkhand	4,673	4,662	-11	-0.2	1,498	1,498	0	0.0
Odisha	16,243	16,241	-2	0.0	4,012	4,012	0	0.0
West Bengal	30,916	30,813	-103	-0.3	7,881	7,881	0	0.0
Sikkim	270	270	0	0.0	153	112	-41	-26.8
Andaman-Nicobar	140	105	-35	-25	40	32	-8	-20
Eastern Region	78,958	78,527	-431	-0.5	18,642	18,596	-46	-0.2
Arunachal Pradesh	407	397	-10	-2.5	148	140	-8	-5.4
Assam	5,730	5,481	-249	-4.3	1,673	1,633	-40	-2.4
Manipur	418	399	-19	-4.5	152	151	-1	-0.7
Meghalaya	970	970	0	0.0	311	311	0	0.0
Mizoram	278	270	-8	-2.9	95	95	0	0.0
Nagaland	438	429	-9	-2.1	130	130	0	0.0
Tripura	861	845	-16	-1.9	284	284	0	0.0
North-Eastern Region	9,099	8,785	-314	-3.5	2,487	2,475	-12	-0.5
All India	686,099	681,346	-4,753	-0.7	159,542	156,934	-2,608	-1.6

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

\* October' 2016- Provisional data

### Power Supply Position for 2015-16

State / System / Region	Energy Requirement	Energy Availability	Surplus/Deficit (-)		Peak Requirement	Peak Availability	Surplus/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1,607	1,607	0	0	342	342	0	0
Delhi	29,626	29,583	-43	-0.1	5,846	5,846	0	0.0
Haryana	47,506	47,437	-69	-0.1	9,113	9,113	0	0.0
Himachal Pradesh	8,821	8,758	-63	-0.7	1,488	1,488	0	0.0
Jammu & Kashmir	16,572	14,037	-2,535	-15.3	2,544	2,158	-386	-15.2
Punjab	49,687	49,675	-12	0.0	10,852	10,852	0	0.0
Rajasthan	67,417	67,205	-212	-0.3	10,961	10,961	0	0.0
Uttar Pradesh	106,351	93,033	-13,318	-12.5	16,988	14,503	-2,485	-14.6
Uttarakhand	12,889	12,675	-214	-1.7	2,034	2,034	0	0.0
Northern Region	340,476	324,009	-16,467	-4.8	54,474	50,622	-3,852	-7.1
Chhattisgarh	25,649	25,309	-340	-1.3	3,932	3,757	-175	-4.5
Gujarat	103,544	103,540	-4	0.0	14,495	14,448	-47	-0.3
Madhya Pradesh	62,374	62,374	0	0.0	10,902	10,902	0	0.0
Maharashtra	141,817	141,361	-456	-0.3	20,973	20,594	-379	-1.8
Daman & Diu	2,337	2,337	0	0.0	307	307	0	0.0
Dadra Nagar Haveli	5,925	5,925	0	0.0	740	740	0	0.0
Goa	5,120	5,119	-1	0.0	583	552	-31	-5.3
Western Region	346,768	345,966	-802	-0.2	48,640	48,199	-441	-0.9
Andhra Pradesh	50,436	50,366	-70	-0.1	7,400	7,391	-9	-0.1
Telangana	50,254	49,948	-306	-0.6	6,854	6,849	-5	-0.1
Karnataka	64,302	60,971	-3,331	-5.2	10,202	9,508	-694	-6.8
Kerala	23,318	23,194	-124	-0.5	3,977	3,856	-121	-3.1
Tamil Nadu	97,276	96,586	-690	-0.7	14,190	14,171	-19	-0.1
Puducherry	2,437	2,429	-8	-0.3	368	352	-16	-4.3
Lakshadweep	48	48	0	0	8	8	0	0
Southern Region	288,025	283,494	-4,531	-1.6	40,030	39,875	-155	-0.4
Bihar	23,961	23,659	-302	-1.3	3,735	3,484	-251	-6.7
DVC	18,437	18,234	-203	-1.1	2,814	2,794	-20	-0.7
Jharkhand	7,735	7,561	-174	-2.2	1,153	1,153	0	0.0
Odisha	26,762	26,600	-162	-0.6	4,091	4,091	0	0.0
West Bengal	47,359	47,194	-165	-0.3	7,905	7,885	-20	-0.3
Sikkim	399	399	0	0.0	109	109	0	0.0
Andaman-Nicobar	240	180	-60	-25	40	32	-8	-20
Eastern Region	124,654	123,646	-1,008	-0.8	18,169	18,056	-113	-0.6
Arunachal Pradesh	626	591	-35	-5.6	139	135	-4	-2.9
Assam	8,762	8,272	-490	-5.6	1,491	1,378	-113	-7.6
Manipur	840	810	-30	-3.6	168	167	-1	-0.6
Meghalaya	1,833	1,725	-108	-5.9	400	377	-23	-5.8
Mizoram	471	455	-16	-3.4	102	101	-1	-1.0
Nagaland	755	739	-16	-2.1	140	138	-2	-1.4
Tripura	1,202	1,146	-56	-4.7	300	269	-31	-10.3
North-Eastern Region	14,488	13,735	-753	-5.2	2,573	2,367	-206	-8.0
All India	1,114,408	1,090,850	-23,558	-2.1	153,366	148,463	-4,903	-3.2

**Power Supply Position for 2014-15**

State / System / Region	Energy Requirement	Energy Availability	Surplus/Deficit(-)		Peak Requirement	Peak Availability	Surplus / Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1,616	1,616	0	0	367	367	0	0
Delhi	29,231	29,106	-125	-0.4	6,006	5,925	-81	-1.3
Haryana	46,615	46,432	-183	-0.4	9,152	9,152	0	0.0
Himachal Pradesh	8,807	8,728	-79	-0.9	1,422	1,422	0	0.0
Jammu & Kashmir	16,214	13,119	-3,095	-19.1	2,554	2,043	-511	-20.0
Punjab	48,629	48,144	-485	-1.0	11,534	10,023	-1,511	-13.1
Rajasthan	65,717	65,310	-407	-0.6	10,642	10,642	0	0.0
Uttar Pradesh	103,179	87,062	-16,117	-15.6	15,670	13,003	-2,667	-17.0
Uttarakhand	12,445	12,072	-373	-3.0	1,930	1,930	0	0.0
Northern Region	332,453	311,589	-20,864	-6.3	51,977	47,642	-4,335	-8.3
Chhattisgarh	21,499	21,230	-269	-1.3	3,817	3,638	-179	-4.7
Gujarat	96,235	96,211	-24	0.0	13,603	13,499	-104	-0.8
Madhya Pradesh	53,374	53,082	-292	-0.5	9,755	9,717	-38	-0.4
Maharashtra	134,897	133,078	-1,819	-1.3	20,147	19,804	-343	-1.7
Daman & Diu	2,086	2,086	0	0.0	301	301	0	0.0
Dadra Nagar Haveli	5,307	5,304	-3	-0.1	714	714	0	0.0
Goa	3,969	3,932	-37	-0.9	501	489	-12	-2.4
Western Region	317,367	314,923	-2,444	-0.8	44,166	43,145	-1,021	-2.3
Andhra Pradesh	59,198	56,313	-2,885	-4.9	7,144	6,784	-360	-5.0
Telangana	43,337	40,644	-2,693	-6.2	7,884	6,755	-1,129	-14.3
Karnataka	62,643	59,926	-2,717	-4.3	10,001	9,549	-452	-4.5
Kerala	22,459	22,127	-332	-1.5	3,760	3,594	-166	-4.4
Tamil Nadu	95,758	92,750	-3,008	-3.1	13,707	13,498	-209	-1.5
Puducherry	2,402	2,376	-26	-1.1	389	348	-41	-10.5
Lakshadweep	48	48	0	0	8	8	0	0
Southern Region	285,797	274,136	-11,661	-4.1	39,094	37,047	-2,047	-5.2
Bihar	19,294	18,759	-535	-2.8	2,994	2,874	-120	-4.0
DVC	18,222	17,728	-494	-2.7	2,653	2,590	-63	-2.4
Jharkhand	7,599	7,390	-209	-2.8	1,075	1,055	-20	-1.9
Odisha	26,482	26,052	-430	-1.6	3,920	3,892	-28	-0.7
West Bengal	47,086	46,827	-259	-0.6	7,544	7,524	-20	-0.3
Sikkim	399	399	0	0.0	83	83	0	0.0
Andaman-Nicobar	240	180	-60	-25	40	32	-8	-20
Eastern Region	119,082	117,155	-1,927	-1.6	17,040	16,932	-108	-0.6
Arunachal Pradesh	677	610	-67	-9.9	139	126	-13	-9.4
Assam	8,527	7,926	-601	-7.0	1,450	1,257	-193	-13.3
Manipur	705	678	-27	-3.8	150	146	-4	-2.7
Meghalaya	1,930	1,634	-296	-15.3	370	367	-3	-0.8
Mizoram	455	425	-30	-6.6	90	88	-2	-2.2
Nagaland	688	661	-27	-3.9	140	128	-12	-8.6
Tripura	1,242	1,048	-194	-15.6	310	266	-44	-14.2
North-Eastern Region	14,224	12,982	-1,242	-8.7	2,528	2,202	-326	-12.9
All India	1,068,923	1,030,785	-38,138	-3.6	148,166	141,160	-7,006	-4.7

## Power Supply Position for 2013-14

State / System / Region	Energy Requirement	Energy Availability	Surplus/Deficit (-)		Peak Requirement	Peak Availability	Surplus/Deficit (-)	
	(MU)	(MU)	(MU)	(%)	(MW)	(MW)	(MW)	(%)
Chandigarh	1,574	1,574	0	0	345	345	0	0
Delhi	26,867	26,791	-76	-0.3	6,035	5,653	-382	-6.3
Haryana	43,463	43,213	-250	-0.6	8,114	8,114	0	0.0
Himachal Pradesh	9,089	8,883	-206	-2.3	1,561	1,392	-169	-10.8
Jammu & Kashmir	15,613	12,187	-3,426	-21.9	2,500	1,998	-502	-20.1
Punjab	47,821	47,084	-737	-1.5	10,089	8,733	-1,356	-13.4
Rajasthan	58,202	58,042	-160	-0.3	10,047	10,038	-9	-0.1
Uttar Pradesh	94,890	81,613	-13,277	-14.0	13,089	12,327	-762	-5.8
Uttarakhand	11,944	11,493	-451	-3.8	1,826	1,826	0	0.0
Northern Region	309,463	290,880	-18,583	-6.0	45,934	42,774	-3,160	-6.9
Chhattisgarh	18,932	18,800	-132	-0.7	3,365	3,320	-45	-1.3
Gujarat	88,497	88,488	-9	0.0	12,201	12,201	0	0.0
Madhya Pradesh	49,410	49,385	-25	-0.1	9,716	9,716	0	0.0
Maharashtra	126,288	123,672	-2,616	-2.1	19,276	17,621	-1,655	-8.6
Daman & Diu	2,252	2,252	0	0.0	322	297	-25	-7.8
Dadra Nagar Haveli	5,390	5,388	-2	0.0	661	661	0	0.0
Goa	3,890	3,871	-19	-0.5	529	529	0	0.0
Western Region	294,659	291,856	-2,803	-1.0	41,335	40,331	-1,004	-2.4
Andhra Pradesh	95,662	89,036	-6,626	-6.9	14,072	13,162	-910	-6.5
Karnataka	64,150	58,052	-6,098	-9.5	9,940	9,223	-717	-7.2
Kerala	21,577	21,052	-525	-2.4	3,671	3,573	-98	-2.7
Tamil Nadu	93,508	87,980	-5,528	-5.9	13,522	12,492	-1,030	-7.6
Pondicherry	2,344	2,320	-24	-1.0	351	333	-18	-5.1
Lakshadweep	48	48	0	0	9	9	0	0
Southern Region	277,245	258,444	-18,801	-6.8	39,015	36,048	-2,967	-7.6
Bihar	15,391	14,759	-632	-4.1	2,465	2,312	-153	-6.2
DVC	17,407	17,296	-111	-0.6	2,745	2,745	0	0.0
Jharkhand	7,143	7,007	-136	-1.9	1,111	1,069	-42	-3.8
Orissa	24,958	24,546	-412	-1.7	3,727	3,722	-5	-0.1
West Bengal	42,891	42,762	-129	-0.3	7,325	7,294	-31	-0.4
Sikkim	413	413	0	0.0	90	90	0	0.0
Andaman-Nicobar	240	180	-60	-25	40	32	-8	-20
Eastern Region	108,203	106,783	-1,420	-1.3	15,888	15,598	-290	-1.8
Arunachal Pradesh	552	517	-35	-6.3	125	124	-1	-0.8
Assam	7,544	7,062	-482	-6.4	1,329	1,220	-109	-8.2
Manipur	579	548	-31	-5.4	134	133	-1	-0.7
Meghalaya	1,794	1,604	-190	-10.6	343	330	-13	-3.8
Mizoram	446	430	-16	-3.6	84	82	-2	-2.4
Nagaland	577	561	-16	-2.8	109	106	-3	-2.8
Tripura	1,195	1,144	-51	-4.3	254	250	-4	-1.6
North-Eastern Region	12,687	11,866	-821	-6.5	2,164	2,048	-116	-5.4
All India	1,002,257	959,829	-42,428	-4.2	135,918	129,815	-6,103	-4.5

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

Note: Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.

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**ANNEX REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 256  
TO BE ANSWERED IN THE LOK SABHA ON 17.11.2016.**

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**All India and State wise annual T&D losses from 2012-13 to 2014-15**

Region		STATES/UTs	2012-13	2013-14	2014-15
<b>NR</b>	1	<b>HARYANA</b>	<b>35.95</b>	<b>35.83</b>	<b>34.05</b>
	2	<b>HIMACHAL PRADESH</b>	<b>19.14</b>	<b>21.03</b>	<b>20.81</b>
	3	<b>JAMMU &amp; KASHMIR</b>	<b>56.63</b>	<b>54.68</b>	<b>53.06</b>
	4	<b>PUNJAB</b>	<b>20.3</b>	<b>20.67</b>	<b>18.45</b>
	5	<b>RAJASTHAN</b>	<b>24.93</b>	<b>26.92</b>	<b>27.51</b>
	6	<b>UTTAR PRADESH</b>	<b>26.88</b>	<b>29.07</b>	<b>27.19</b>
	7	<b>UTTARAKHAND</b>	<b>26.93</b>	<b>21.82</b>	<b>24.53</b>
	8	<b>CHANDIGARH</b>	<b>19.32</b>	<b>19.12</b>	<b>19.1</b>
	9	<b>DELHI</b>	<b>22.11</b>	<b>19.86</b>	<b>21.49</b>
<b>WR</b>	1	<b>GUJARAT</b>	<b>18.48</b>	<b>18.11</b>	<b>19.28</b>
	2	<b>MADHYA PRADESH</b>	<b>31.45</b>	<b>31.47</b>	<b>32.26</b>
	3	<b>CHHATTISGARH</b>	<b>28.83</b>	<b>28.38</b>	<b>29.21</b>
	4	<b>MAHARASHTRA</b>	<b>21.82</b>	<b>21.8</b>	<b>20.39</b>
	5	<b>D &amp; N HAVELI</b>	<b>9.86</b>	<b>8.55</b>	<b>10.33</b>
	6	<b>GOA</b>	<b>13.35</b>	<b>12.67</b>	<b>14.97</b>
	7	<b>DAMAN &amp; DIU</b>	<b>15.61</b>	<b>13.77</b>	<b>29.63</b>
<b>SR</b>	1	<b>ANDHRA PRADESH</b>	<b>19.3</b>	<b>20.06</b>	<b>17.94</b>
	2	<b>KARNATAKA</b>	<b>11.14</b>	<b>10.18</b>	<b>11.5</b>
	3	<b>KERALA</b>	<b>17.73</b>	<b>14.99</b>	<b>15.4</b>
	4	<b>TAMILNADU</b>	<b>14.51</b>	<b>10.84</b>	<b>11.07</b>
	5	<b>LAKSHADWEEP</b>	<b>18.6</b>	<b>11.2</b>	<b>3.63</b>
	6	<b>PUDUCHERRY</b>	<b>13.53</b>	<b>14.83</b>	<b>14.9</b>
<b>ER</b>	1	<b>BIHAR</b>	<b>49.42</b>	<b>47.26</b>	<b>46.27</b>
	2	<b>JHARKHAND</b>	<b>13.58</b>	<b>13.06</b>	<b>17.2</b>
	3	<b>ORISSA</b>	<b>39.84</b>	<b>38.86</b>	<b>41.96</b>
	4	<b>SIKKIM</b>	<b>28.14</b>	<b>23.11</b>	<b>24.97</b>
	5	<b>WEST BENGAL</b>	<b>24.07</b>	<b>24.05</b>	<b>24.66</b>
	6	<b>A &amp; N ISLS.</b>	<b>18.14</b>	<b>19.79</b>	<b>20.5</b>
<b>NER</b>	1	<b>ASSAM</b>	<b>30.68</b>	<b>31.08</b>	<b>27.57</b>
	2	<b>MANIPUR</b>	<b>35.12</b>	<b>38.51</b>	<b>40.95</b>
	3	<b>MEGHALAYA</b>	<b>23.64</b>	<b>21.38</b>	<b>33.34</b>
	4	<b>NAGALAND</b>	<b>40.16</b>	<b>35.79</b>	<b>26.51</b>
	5	<b>TRIPURA</b>	<b>31.73</b>	<b>35.35</b>	<b>35.93</b>
	6	<b>ARUNACHAL PRADESH</b>	<b>46</b>	<b>46.3</b>	<b>46.24</b>
	7	<b>MIZORAM</b>	<b>37.79</b>	<b>41.54</b>	<b>42.05</b>
<b>All India</b>			<b>23.04</b>	<b>22.84</b>	<b>22.77</b>

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**ANNEX REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 256  
TO BE ANSWERED IN THE LOK SABHA ON 17.11.2016.**

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**PER CAPITA CONSUMPTION (kWh)**

State/UTs	2013-14	2014-15	2015-16
Chandigarh	1133	1052	1112
Delhi	1446	1561	1557
Haryana	1773	1909	1936
Himachal Pradesh	1348	1336	1339
Jammu & Kashmir	1066	1169	1234
Punjab	1810	1858	1919
Rajasthan	1011	1123	1164
Uttar Pradesh	472	502	524
Uttarakhand	1285	1358	1431
Chhattisgarh	1601	1719	2022
Gujarat	1973	2105	2248
Madhya Pradesh	764	813	929
Maharashtra	1183	1257	1318
Daman & Diu	8003	6960	7836
Dadra & Nagar Haveli	14515	13769	15137
Goa	2198	1803	2738
Andhra Pradesh	1196	1040	1230
Telangana		1356	1439
Karnataka	1179	1211	1242
Kerala	645	672	704
Tamil Nadu	1544	1616	1688
Puducherry	1692	1655	1672
Lakshadweep	665	657	649
Bihar	160	203	258
Jharkhand	810	835	884
Odisha	1349	1419	1564
West Bengal	609	647	660
Sikkim	700	685	687
Andaman-Nicobar	368	361	355
Arunachal Pradesh	503	525	600
Assam	280	314	322
Manipur	266	295	360
Meghalaya	684	704	835
Mizoram	445	449	503
Nagaland	259	311	346
Tripura	331	303	329
All India	957	1010	1075

**Note: Per Capita Consumption=(Gross Energy Generation+Net Import)/Mid Year Population.**

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**ANNEX REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION NO. 256  
TO BE ANSWERED IN THE LOK SABHA ON 17.11.2016.**

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**PER CAPITA ELECTRICITY CONSUMPTION OF VARIOUS DEVELOPED COUNTRIES  
IN 2012 & 2013**

Sl. No.	Per Capita Consumption (kWh)		
	Name of the Country	2012	2013
1	Canada	15558	15520
2	USA	12947	12987
3	Australia	10218	10067
4	Japan	7753	7836
5	France	7367	7382
6	Germany	7138	7022
7	Korea	10346	10428
8	UK	5452	5409
9	Russia	6602	6562
10	Italy	5277	5124
11	South Africa	4410	4328
12	Brazil	2509	2583
13	China	3475	3766
14	India*	884	914
15	World	2972	3026

**Note :-**

**Basic data obtained from IEA Website (except) India.**

**\* Per Capita Consumption=(Gross Electrical Energy Availability/Midyear Population).**

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**ANNEX REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION NO. 256 TO BE ANSWERED IN THE LOK SABHA ON 17.11.2016.**

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**Statement Showing Per Capita Consumption of Electricity (kWh) of Developing Countries & World for the years 2012 & 2013**

Sl. No.	Name of the Country	Per Capita Consumption (kWh) 2012	Per Capita Consumption (kWh) 2013
1	Kuwait	16542	15905
2	United Arab Emirate	10175	10547
3	Chinese Taipei	N.A.	10458
4	Brunei Darussalam	8949	9553
5	Saudi Arabia	8763	9157
6	Oman	6520	6434
7	Montenegro	5412	5620
8	Gibraltar	5344	5545
9	Kazakhstan	5085	4893
10	Nederlands Antilles	4891	N.A.
11	Serbia	4371	4444
12	Malaysia	4313	4474
13	FYR of Macedonia	3625	3498
14	Libya	4805	3963
15	Ukraine	3641	3600
16	Belarus	3698	3648
17	Lebanon	3113	3780
18	Venezuela	3401	3231
19	People's of Rep. China	3475	3766
20	Bosnia & Herzegovina	3271	3214
21	Argentina	3027	3175
22	Kosovo	2860	2908
23	World	2972	3026
24	Uruguay	2933	2986
25	Turkey	2760	2761
26	Iran	2752	2888
27	Romania	2602	2495
28	Turkmenistan	2476	2602
29	Brazil	2509	2583
30	Jordan	2357	2350
31	Mexico	2098	2150
32	Thailand	2479	2487
33	Albania	1943	2532
34	Tajikistan	1732	1662
35	Georgia	1935	2070
36	Panama	1943	2007
37	Costarica	1896	1888
38	Syrian Arab Rep.	1169	953
39	Azerbaijan	2053	2092
40	Armenia	1838	1880
41	Egypt	1804	1812
42	Kyrgyzstan	1809	1887
43	Uzbekistan	1605	1637
44	Botswana	1611	1684
45	Mongolia	1604	1923
46	Jamaica	1198	1126
47	Namibia	1614	1641
48	Rep. of Moldova	1514	1353
49	Cuba	1376	1438

50	Tunisia	1411	1435
51	Iraq	1483	1817
52	Peru	1218	1278
53	Ecuador	1276	1327
54	Paraguay	1305	1400
55	Algeria	1203	1244
56	Colombia	1130	1153
57	Vietnam	1273	1306
58	Gabon	1081	1153
59	Dominican Rep.	1455	1499
60	El. Salvador	850	879
61	Morocco	888	878
62	India	884	914
63	Zimbabwe	596	560
64	DPR of Korea	654	660
65	Honduras	680	699
66	Indonesia	733	792
67	Philippines	668	686
68	Bolivia	646	687
69	Zambia	600	767
70	Guatemala	539	563
71	Nicaragua	568	585
72	Sri Lanka	527	528
73	Mozambique	454	446
74	Pakistan	447	448
75	Ghana	348	386
76	Cameroon	262	278
77	Bangladesh	280	293
78	Angola	239	248
79	Cote d'Ivoire	255	269
80	Senegal	210	221
81	Yemen	177	259
82	Congo	180	231
83	Cambodia	206	220
84	Kenya	157	165
85	Nigeria	155	141
86	Sudan	159	209
87	Myanmar	152	164
88	Togo	147	150
89	Dem.Rep. of Congo	112	118
90	Benin	92	94
91	Nepal	119	128
92	United Rep. of Tanzania	101	91
93	Ethiopia	58	65
94	Eritrea	50	49
95	Haiti	50	49

Source- The above information has been downloaded from IEA's website [www.iea.org](http://www.iea.org).Energy Indicators (Selected Indicators – 2012) expect for India

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**T&D Losses of various Countries in 2012-2013 in (%)**

<b>Sl. No.</b>	<b>Name of Country</b>	<b>2012</b>	<b>2013</b>
<b>1</b>	<b>Korea</b>	<b>3.47</b>	<b>3.47</b>
<b>2</b>	<b>Japan</b>	<b>4.79</b>	<b>4.87</b>
<b>3</b>	<b>Germany</b>	<b>4.46</b>	<b>4.51</b>
<b>4</b>	<b>Italy</b>	<b>6.61</b>	<b>6.87</b>
<b>5</b>	<b>Australia</b>	<b>5.68</b>	<b>6.69</b>
<b>6</b>	<b>South Africa</b>	<b>10.19</b>	<b>9.88</b>
<b>7</b>	<b>France</b>	<b>7.99</b>	<b>7.86</b>
<b>8</b>	<b>China</b>	<b>6.56</b>	<b>6.52</b>
<b>9</b>	<b>USA</b>	<b>6.73</b>	<b>6.32</b>
<b>10</b>	<b>Canada</b>	<b>8.19</b>	<b>10.40</b>
<b>11</b>	<b>UK</b>	<b>8.26</b>	<b>7.80</b>
<b>12</b>	<b>Russia</b>	<b>12.59</b>	<b>12.27</b>
<b>13</b>	<b>Brazil</b>	<b>16.63</b>	<b>16.11</b>
<b>14</b>	<b>India</b>	<b>23.65</b>	<b>23.04</b>
<b>15</b>	<b>World</b>	<b>8.89</b>	<b>8.91</b>

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