

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.3949
TO BE ANSWERED ON 10.08.2017**

DISTRIBUTION AND TRANSMISSION OF ELECTRICITY

†3949. SHRI ANANTKUMAR HEGDE:

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

- (a) whether there is a need to put stress improving the distribution and transmission system of electricity instead of its generation in order to resolve the problems being faced by the people due to its non-availability;**
- (b) if so, the details thereof and the reaction of the Government thereto;**
- (c) whether the Government has explored the possibility of surplus electricity being available in the country due to improvement in transmission and distribution system of electricity;**
- (d) if so, the details thereof; and**
- (e) whether the Government has formulated any plan to achieve this target and if so, the details thereof?**

A N S W E R

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

(SHRI PIYUSH GOYAL)

(a) & (b) : Distribution is the interface with the consumers and assumes an important role in Power Sector value chain. Thus, the Government of India has been laying emphasis on improving the Distribution infrastructure by launching various programmes/schemes such as Integrated Power Development Scheme (IPDS), Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Ujwal DISCOM Assurance Yojana (UDAY) to improve operational efficiency of the power distribution system and revenue realization of the DISCOMs.

(c) to (e) : The Installed capacity of Generation assets in the country as on 12.7.2017 was 3,29,931MW. The peak demand and demand met in the year 2016-17 was 1,59,542 MW and 1,56,934 MW respectively. Improvement in Transmission and Distribution system reduces energy losses. The Government of India, in consultation with the States, have decided to reduce the Aggregate Technical and Commercial (AT&C) losses as per details given in the Annexure.

The Government of India has signed Agreements with all States and Union Territories (UTs) under "24X7 Power for all" arrangements under which States/ UTs have committed to targets across Generation, Transmission and Distribution sector with the objective of ensuring 24X7 power to all consumers.

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (e) OF UNSTARRED QUESTION NO. 3949 TO BE ANSWERED IN THE LOK SABHA ON 10.08.2017.

AT&C Loss trajectory Submitted by States								
Sl.	State/Utilities	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
	APEPDCL	6.87	5.48	5.46	5.45	5.44		
	APSPDCL	12.36	11.49	11.29	11.09	10.89		
1	Andhra Pradesh Total	10.00	9.00	8.50	8.25	8.00		
2	Arunachal Pradesh	51.26	57.74	52.41	43.00	39.00	25.00	15.00
3	Assam	27.00	22.49	19.00	17.75	16.10	15.00	
	NBPDCL	41.76	40.00	34.00	28.00	20.00	15.00	
	SBPDCL	45.83	44.00	38.00	30.00	22.00	15.00	
4	Bihar Total	43.80	42.00	36.00	29.00	21.00	15.00	
5	Chhattisgarh	22.41	21.00	18.93	18.00	15.00		
	BRPL	14.73	14.20	13.70	13.20	12.70		
	BYPL	19.54	18.54	17.54	16.54	15.54		
	TPDDL	9.87	9.90	9.70	9.50	9.30		
	NDMC	9.85	9.85	9.85	9.85	9.63		
6	Delhi Total	-	13.72	13.22	12.72	12.50		
7	Goa	21.06	21.06	18.75	16.59	15.00		
	DGVCL	9.33	9.29	9.24	9.19	9.15		
	MGVCL	11.80	16.00	15.50	15.00	14.50		
	PGVCL	22.77	22.00	19.66	17.33	15.00		
	UGVCL	9.87	9.82	9.77	9.72	9.67		
8	Gujarat Total	14.64	14.50	14.00	13.50	13.00		
	DHBVNL	26.12	25.22	22.48	18.76	15.00		
	UHBVNL	34.04	31.61	25.94	21.64	15.01		
9	Haryana	32.80	28.05	24.02	20.04	15.00		
10	Himachal Pradesh	14.00	13.85	13.50	13.00	12.75		
11	J&K	61.30	56.00	46.00	35.00	25.00	15.00	
12	Jharkhand	39.87	35.00	28.00	22.00	15.00		
	BESCOM	16.76	12.94	14.61	14.36	14.08		
	GESCOM	22.01	20.65	17.75	16.67	15.00		
	HESCOM	20.44	18.10	17.68	17.02	15.00		
	MESCOM	15.11	12.99	12.55	11.79	11.70		
	CHESCOM	17.11	16.20	15.16	14.74	14.50		
13	Karnataka Total	18.06	15.37	15.50	15.00	14.20		
14	Kerala	11.91	11.57	11.45	11.23	11.00		
	MPMKVVCL, Bhopal		28.65	22.09	19.19	17.20	15.00	
	MPPKVVCL, Indore		22.38	20.40	18.41	16.27	15.00	
	MPPuKVVCL, Jabalpur		22.65	19.72	17.73	15.59	15.00	
15	Madhya Pradesh Total		26.27	21.15	19.15	17.00	15.00	
16	Maharashtra	18.47	17.31	16.74	15.61	14.39	14.00	
17	Manipur		44.20	25.15	18.70	15.00		
18	Meghalaya	24.00	36.50	32.51	27.50	21.50	15.00	
19	Mizoram	26.14	32.17	27.38	23.76	20.30	15.00	
20	Nagaland	68.69	65.50	55.15	44.80	34.45	24.21	
	CESCO	37.58	34.49	31.49	28.49	25.99	23.49	
	NESCO	34.13	31.23	28.44	25.14	22.23	19.73	
	SESCO	44.39	40.39	36.39	33.39	30.39	27.39	
	WESCO	39.44	34.44	30.17	26.74	23.80	21.30	

21	Orissa Total	38.89	35.14	31.62	28.44	25.60	22.98	
22	Puducherry		19.88	19.00	15.00	12.00		
23	Punjab	16.66	16.16	15.30	14.50	14.00		
	AVVNL		24.00	20.00	17.50	15.00		
	JVVNL		28.00	22.00	18.50	15.00		
	JdVVNL		22.40	18.00	16.50	15.00		
24	Rajasthan Total		24.00	20.00	17.50	15.00		
	Sikkim	42.00	37.13	29.50	25.94	15.00		
25	Tamilnadu	19.72	14.58	14.06	13.79	13.50		
	TSSPDCL	15.90		12.68	11.30	9.90		
	TSNPDCL	13.13		11.90	10.95	10.00		
27	Telangana total	13.13		12.29	11.12	9.95		
28	Tripura	26.35	33.80	30.00	25.00	20.00	15.00	
	DVVNL	38.95	35.94	30.30	24.83	20.44	15.35	
	MVVNL	35.46	33.13	27.80	23.20	19.45	14.89	
	PVVNL	25.02	24.63	22.99	20.63	17.53	14.01	
	PuVVNL	42.04	38.87	34.19	26.92	20.65	15.49	
	KESCO	32.83	35.25	29.44	24.11	19.37	14.45	
29	Uttar Pradesh Total	34.22	32.36	28.27	23.63	19.36	14.86	
30	Uttarakhand	18.64	17.00	16.00	15.00	14.50		
31	West Bengal	29.00	28.00	25.75	23.50	22.50	21.00	

AT&C Loss reduction trajectory of 27 States (AP, Arunachal Pradesh, Assam, Bihar, Chhattisgarh, GOA, Gujarat, Haryana, Himachal Pradesh, J&K, Jharkhand, Karnataka, Kerala, Maharashtra, MP, Manipur, Meghalaya, Mizoram, Puducherry, Punjab, Rajasthan, Sikkim, Tamil Nadu, Telangana, Tripura UP and Uttarakhand is as per MOU signed under UDAY

AP, Bihar, Rajasthan and Telangana have indicated DISCOM wise AT&C loss trajectory in their MOU. State wise AT&C loss trajectory for these states have been estimated based on their DISCOM wise trajectory.

Delhi Trajectory figures are as per Power For All figures, Nagaland, Odisha and West Bengal submitted the Loss reduction trajectory in response to loss reduction trajectory proposed by MoP
