

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.242
NSWERED ON 05.08.2021**

ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA

***242. SHRI ANNASAHEB SHANKAR JOLLE:
SHRI GAUTHAM SIGAMANI PON:**

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

- (a) whether the Government has launched various schemes to provide electricity to all poor households in the country including Karnataka under Pradhan Mantri Sahaj Bijli Har Ghar Yojana - Saubhagya;**
- (b) if so, the details thereof;**
- (c) the achievements made along with the challenges faced by the Government under Saubhagya and also the details of other schemes launched by the Government to provide electrification in urban areas of the country including district-wise in Karnataka;**
- (d) the number of households in rural and urban areas which have been provided with power facility in the country during each of the last three years and the current year, category-wise including Scheduled Castes, Scheduled Tribes and others;**
- (e) whether the Government has achieved the targets set for providing electrification in rural and far flung tribal and backward areas of the country including Karnataka, Uttar Pradesh and North-Eastern Region; and**
- (f) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (f) : A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. 242 ANSWERED IN THE LOK SABHA ON 05.08.2021 REGARDING ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA

(a) to (c) : Government of India had launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana-Saubhagya in October, 2017 with the objective to achieve universal household electrification by providing electricity connections to all un-electrified households in rural areas and all poor households in urban areas in the country.

Under the Saubhagya scheme, as on 31.03.2021 all the States reported 100% electrification of all the willing un-electrified households, identified before 31.03.2019. A total 2.817 crore households have been electrified since the launch of Saubhagya, up to 31.03.2021. State-wise electrification of households including Karnataka since the launch of Saubhagya Yojana are at Annexure-I.

The details of challenges faced under Saubhagya scheme are as under:

- i) Households scattered in inaccessible & remote areas.**
- ii) Difficult & Hilly terrain, inclement weather, Riverine / Marshy / Snowbound.**
- iii) Transportation of material by Head loading, Helicopters, Bamboo Bridges, Rafts, Boats, etc.**
- iv) In Left Wing Extremism affected areas some hurdles were faced from the extremists.**
- v) Forest clearance and Right of Way issues.**

Ministry of Power (MoP), Government of India launched the "Integrated Power Development Scheme" (IPDS) on 3rd December'14 for strengthening the power sub transmission and distribution networks in urban areas. The R-APDRP (Restructured Accelerated Power Development & Reforms Programme) scheme was carried forward and subsumed under IPDS. State-wise infrastructure created under IPDS is at Annexure-II(a) and Annexure-II(b).

DPRs under IPDS were prepared circle-wise and accordingly projects were sanctioned for each Circle. The details of projects implemented under IPDS in State of Karnataka, circle-wise and district-wise, are attached as Annexure-III.

(d) to (f) : All the States have reported 100% household electrification as on 31.03.2021. A total of 2.817 crore households have been electrified since the launch of Saubhagya, upto 31.03.2021, including households of Scheduled Castes / Scheduled Tribes and other categories. State-wise & Year-wise details of household electrification since launch of Saubhagya Yojana are at Annexure-IV.

The SAUBHAGYA scheme was launched with the objective of connecting all willing households with electricity. Projects under SAUBHAGYA are sanctioned across all the States.

ANNEXURE-I

**ANNEXURE REFERRED TO IN PARTS (a) TO (c) OF THE STATEMENT LAID IN
REPLY TO STARRED QUESTION NO. 242 ANSWERED IN THE LOK SABHA ON
05.08.2021 REGARDING ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA**

State-wise electrification of households since launch of Saubhagya

Sl. No.	Name of the States	No. of Households electrified from 11.10.2017 to 31.03.2019	No. of Households electrified from 01.04.2019 to 31.03.2021	Total HHs electrified as on 31.03.2021
1	Andhra Pradesh	1,81,930		1,81,930
2	Arunachal Pradesh	47,089		47,089
3	Assam	17,45,149	2,00,000	19,45,149
4	Bihar	32,59,041		32,59,041
5	Chhattisgarh	7,49,397	40,394	7,89,791
6	Gujarat	41,317		41,317
7	Haryana	54,681		54,681
8	Himachal Pradesh	12,891		12,891
9	Jammu & Kashmir	3,77,045		3,77,045
10	Jharkhand	15,30,708	2,00,000	17,30,708
11	Karnataka	3,56,974	26,824	3,83,798
12	Ladakh	10,456		10,456
13	Madhya Pradesh	19,84,264		19,84,264
14	Maharashtra	15,17,922		15,17,922
15	Manipur	1,02,748	5,367	1,08,115
16	Meghalaya	1,99,839		1,99,839
17	Mizoram	27,970		27,970
18	Nagaland	1,32,507		1,32,507
19	Odisha	24,52,444		24,52,444
20	Puducherry	912		912
21	Punjab	3,477		3,477
22	Rajasthan	18,62,736	2,12,786	20,75,522
23	Sikkim	14,900		14,900
24	Tamil Nadu	2,170		2,170
25	Telangana	5,15,084		5,15,084
26	Tripura	1,39,090		1,39,090
27	Uttar Pradesh	79,80,568	12,00,003	91,80,571
28	Uttarakhand	2,48,751		2,48,751
29	West Bengal	7,32,290		7,32,290
Total		2,62,84,350	18,85,374	2,81,69,724

ANNEXURE REFERRED TO IN PARTS (a) TO (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 242 ANSWERED IN THE LOK SABHA ON 05.08.2021 REGARDING ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA

State-wise Infrastructure created under IPDS

Sl. No.	State/UT	S/S-New (Nos.)		S/S-Aug (Nos.)		DTR (Nos.)		LT Lines (Ckm)		HT Lines (Ckm)		Consumer Meters (Nos.)		DT Meters (Nos.)	
		Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.
1	A&N Island	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Andhra Pradesh	104	104	96	96	2856	2856	384.44	384.44	981.56	981.56	373958	373958	7104	7104
3	Arunachal Pradesh	1	0	0	0	470	457	233.5	227.48	312.38	289	0	0	0	0
4	Assam	13	13	39	39	686	686	179.84	179.84	635	569	66782	66782	1005	1005
5	Bihar	68	55	156	147	5306	4724	40.09	10.09	2058	1726	258337	247310	4792	4792
6	Chhattisgarh	32	32	65	64	1737	1559	120.95	94	1017	886	0	0	0	0
8	Delhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Goa	0	0	0	0	0	0	0	0	0	0	129551	129551	0	0
10	Gujarat	19	19	55	55	6111	6111	98.2	98.2	538.91	538.91	876402	876402	11533	11533
11	Haryana	5	4	5	5	1000	1000	47.74	39.06	304	280	6640	6640		
12	HP	1	1	2	2	390	390	99	66	104.38	81.43	46000	43379	747	745
13	J&K	18	7	44	43	911	655	55.11	31.13	216.98	101	0	0	1721	1012
14	Jharkhand	26	23	44	41	1640	1579	0	0	539	525	61892	55562		
15	Karnataka	7	7	2	2	3899	3899	456.91	456.91	949.54	949.54	616789	616789	681	681
16	Kerala	3	3	12	12	885	885	199	199	443.59	443.59	646373	646368	4124	4124
17	Ladakh	0	0	4	4	82	39	0	0	10.36	3.71	0	0	108	39
18	MP	58	58	133	133	4390	4390	1444.07	1444.07	2023.23	2023.2	539467	539467	6558	6558
19	Maharashtra	115	112	114	113	5070	4848	1230.09	906.01	1818.12	1334.2	749565	749565	0	0
20	Manipur	4	2	2	2	193	89	0	0	164.67	66.93	57	12	522	130
21	Meghalaya	6	6	2	2	53	53	60	60	92.81	92.81	0	0	0	0
22	Mizoram	2	2	2	2	55	55	136	136	134.67	134.67	3800	3800	0	0
23	Nagaland	1	1	1	1	121	121	95	95	131.45	131.45	59000	59000	648	648
24	Odisha	14	11	104	87	2032	1874	0	0	729	519	333193	215655	2802	1918
25	Puducherry	0	0	0	0	50	36	0	0	8.87	0	35000	34235	0	0
26	Punjab	0	0	0	0	1616	1616	51.05	34.04	504.88	449	17236	15857	3884	3881
27	Rajasthan	126	126	186	186	2173	2173	91.53	91.53	711.76	711.76	18712	18712	0	0
28	Sikkim	1		3	0	39	20	36.5	13.05	32.5	5	234	36	393	337
29	Tamil Nadu	68	68	41	41	1094	1094	1747.33	1747.33	4266.03	4266	2516056	2516056	46000	46000
30	Telangana	54	54	54	54	4284	4284	1634	1634	853	853	230315	230315	1933	1933
31	Tripura	6	2	1	1	437	433	10.5	10.5	40	40	0	0	0	0
32	Uttar Pradesh	196	196	242	242	7860	7844	2338	2235	3724	3664	277470	260014	5664	5599
33	Uttarakhand	1	1	37	37	293	291	0	0	174.39	174.39	39891	34762	972	972
34	West Bengal	50	50	166	166	4553	4126	22.64	8.22	1241.34	1105.8	7,55,497	7,19,596	2816	1336
Grand Total		999	957	1612	1577	60286	58187	10811.5	10200.9	24761.4	22946	7902720	7740227	104007	100347

ANNEXURE-II (b)

ANNEXURE REFERRED TO IN PARTS (a) TO (c) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO. 242 ANSWERED IN THE LOK SABHA ON 05.08.2021 REGARDING ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA

Sl. No.	State/UT	Feeder Meters (Nos.)		ABC (Ckm)		UGC (Ckm)		Smart Meters under system strengthening (Nos)		Prepaid Meters (Nos.)		Smart Meters for UDAY Participating States (Nos)		Solar Panels (Kwp)	
		Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.	Target	Ach.
1	A&N Island	0	0	0	0	0	0	36800	32683	0	0	0	0	0	0
2	Andhra Pradesh	134	134	265.77	265.77	39.31	39.31	0	0	0	0	0	0	2592	2592
3	Arunachal Pradesh	0	0	66.56	38	3.55	2.58	0	0	0	0	0	0	33	24
4	Assam	269	269	2486.9	2430.28	5.41	4.55	0	0	2553	2553	0	0	604	604
5	Bihar	611	542	8706	7856	620	493	0	0	300	0	785300	147418	1694	1653
6	Chhattisgarh	0	0	3059.5	2535	43.6	43.3	0	0	45	0	0	0	155	40
8	Delhi	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Goa	0	0	0	0	0	0	0	0	0	0	0	0	410	410
10	Gujarat	0	0	5300.2	5300.17	2087.83	2087.83	0	0	0	0	0	0	1126.93	1126.9
11	Haryana	0	0	1069	1052.93	282	280	0	0	0	0	0	0	423	423
12	HP	27	18	424.4	386.17	0.5	0	0	0	0	0	0	0	1112.4	1106.7
13	J&K	0	0	1245.4	724	1.32	0	0	0	0	0	0	0	295	235
14	Jharkhand	0	0	2179	2095	136	126	0	0	0	0	0	0	311	306
15	Karnataka	0	0	2067.8	2067.75	1300.12	1300.12	0	0	0	0	0	0	8318	8318
16	Kerala	129	129	1188.3	1188.34	211	210.94	800	800	700	700	0	0	4960	4960
17	Ladakh	0	0	52.07	13	0	0	0	0	0	0	0	0	5	0
18	MP	24	24	3470.8	3470.79	10.29	9.29	118836	118836	0	0	350000	38139	472	467
19	Maharashtra	459	459	2160.4	2065.53	4641	4324	0	0	0	0	0	0	0	0
20	Manipur	0	0	961.96	428.88	0	0	0	0	35451	35409	0	0	230	0
21	Meghalaya	0	0	0	0	0	0	0	0	6400	6400	0	0	210	210
22	Mizoram	45	45	91.2	91.2	0	0	0	0			0	0	21	21
23	Nagaland	31	31	0	0	0	0	0	0	19000	19000	0	0	20	20
24	Odisha	282	84	3414	3135	30.77	18.4	0	0	0	0	0	0	645	445
25	Puducherry	0	0	0	0	17.27	6.33	0	0	0	0	0	0	240	100
26	Punjab	0	0	412.57	311	0	0	0	0	547	0	96000	887	380	374.75
27	Rajasthan	103	103	84.61	84.61	2627.02	2627.02	0	0	0	0	569768	44592	388	388
28	Sikkim	85	85	35.23	21	91	47	0	0	26951	0	0	0	400	345
29	Tamil Nadu	1206	1206	152.69	152.69	1746.79	1746.79	0	0	0	0	0	0	2082	2082
30	Telangana	281	281	352	352	216	216	0	0	6375	6375	0	0	2521	2521
31	Tripura	66	64	365	335	218.25	218.25	0	0	22500	22500	0	0	31	31
32	Uttar Pradesh	306	303	9923	9730	4245	4125	0	0	0	0	0	0	10222	10066
33	Uttarakhand	181	181	680.27	680.27	450.52	451	0	0	0	0	0	0	2735	2735
34	West Bengal	96	96	14877	14087	1267	1234	0	0	0	0	0	0	4060	3840
Grand Total		4335	4054	65070	60897.4	20291.6	19610.7	156436	152319	120822	92937	1801068	231036	46696.3	45444

**ANNEXURE REFERRED TO IN PARTS (a) TO (c) OF THE STATEMENT LAID IN REPLY TO
STARRED QUESTION NO. 242 ANSWERED IN THE LOK SABHA ON 05.08.2021
REGARDING ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA**

IPDS IMPLEMENTATION IN KARNATAKA

(Amount in Rs. Crore)

Sl. No.	Circle Name	Town Covered	Towns Covered	Approved Project Cost	Gol Grant Approved	Gol Grant Released
1	Mangaluru	8	Mangaluru, Ullala, Moodbidre, Mulki, Bantwala, Belthangady, Puttur, Sullia	73.07	43.84	39.65
2	Shivamogga	9	Shimoga, Bhadravath, Sagar, Shikaripura, Hosanagar, Thirthahalli, Sorab, Shiralkoppa, Jog-Kargal	42.1	25.26	25.26
3	Udipi	5	Udipi, Karkala, Saligrama, Kundapura, Kaup	26.48	15.89	20.11
4	Chikamagaluru	8	Chikmagalur, Mudigere, Koppa, N.R.Pura, Sringeri, Kadur, Birur, Tarikere	25.95	15.57	15.57
5	Mandya Circle	7	Mandya, Maddur, Malavalli, Pandavapura, Srirangapatna, Krishnarajpet, Nagamangala	43.35	26.01	21.45
6	Mysuru O&M Circle	9	Chamarajanagara, Kollegala, Madikeri, Gundlupet, Hanuru, Yalanduru, Somavarapet, Virajpet, Kushalnagara	40.14	24.08	21.11
7	O&M Circle Hassan	8	Hassan, Arsikere, Chaanarayapatna, Alur, Belur, S.K. Pura, H.N. Pura, Arakalagud	42.73	25.64	21.6
8	City Works Circle Mysuru	9	Mysuru, Nanjanagud, T. Narasipura, Bannur, Hunsur, K.R. Nagara, Periyapatna, H.D. Kote, Saraguru	51.95	31.17	22.45
9	Bidar Circle	6	Basavkalyan, Bhalki, Aurad, Bidar, Honnabad, Chitgoppa	43.89	26.33	23.7
10	Kalaburagi Circle	15	Aland, Afzalpur, Gulbarga, Chincholi, Sedam, Chitapur, Shahabad ACC, Shahabad, Wadi, Jevargi, Shorapur, B. Gudi, Shahpur, Gurmatkal, Yadgir	50.53	30.32	27.28
11	Raichur Circle	11	Mudgal, Lingsugur, Hatti Gold, Devadurga, Raichur, Manavi, Sidhnur, Yelbarga, Kushtagi, Gangavati, Koppal	41.99	25.19	22.67
12	Bellary O&M Circle	10	Hoovina Hadgalli, Hospet, Kamalapuram, Kampli, Siruguppa, Tekkalakote, Bellary, Sandur, Kudligi, Kotturu	47	28.2	28.2
13	Kolar Circle	12	Kolar, KGF (Robertson pet), Bangarpet, Mulbagal, Chickballarpur, Gouribidnur, Chintamani, Sidlagatta, Srinivasapura, Malur, Gudibande, Bagepalli,	52.02	31.21	28.09
14	Banglore Rural Circle	5	Dodballarpura, Hosakote, Devanhalli, Nilmangla, Vijayapura	10.01	6	5.41

15	Ramnagara	5	Anekal, Ramnagara, Chanpatanna, Kanakpura, Magadi	41.99	25.19	22.67
16	Davangere	12	Davangere, Harihar, Harpanhalli, Chitrdurga, Hiriya, Chalakere, Honnali, Jagalur, Channagiri, Hollarkere, Hosadurga, Molakalmuru	102.11	61.27	55.14
17	Tumkur	10	Tumkur, Kunigal, Tiptur, Sira, Gubbi, Turuvakkere, Chikankanganhalli, Madhugiri, Pavagada, Kortagere	51	30.6	27.54
18	Bangalore Zone	1	Bangalore Zone	200.03	120.02	107.81
19	Hubbali O&M Circle	15	Hubbali-Dharwad, Alnavar, Navalgund, Annigeri, Kalghatagi, Kundgol, Nargund, Ron, Gajendragarh, Naregal, Gadag-Bettigeri, Mulgund, Shirhatti, Lakshmeshwar, Mundargi	47.44	28.46	25.62
20	Haveri O&M Circle	8	Shiggaon, Bankapura, Savanur, Hangal, Haveri, Byadagi, Hirekerur, Ranibennur.	21.07	12.64	12.64
21	Sirsi O&M Circle	11	Dandeli, Karwar, Haliyal, Yellapur, Mundgod, Sirsi, Ankola, Kumta, Siddapur, Honavar, Bhatkal	9.49	5.69	5.69
22	Belgavi O&M Circle	8	Mudalagi, Konnur, Gokak, Belgaum, Khanapur, Bail Hongal, Soundatti-Yellama, Ramdurga	63.71	38.23	34.39
23	Chikkodi O&M Circle	6	Nippani, Sadalagi, Chikkodi, Athani, Kudachi, Raybag	9	5.4	5.4
24	Vijayapura O&M Circle	13	Bijapur, Indi, Sindagi, Basvanna-Bagewadi, Muddebihal, Talikota, Kolhar, Nidagundi, Managuli, Naltawad, Hippargi, Almel, Chadchan	31.21	18.73	18.73
25	Bagalkot O&M Circle	12	Mahalingpur, Terdal, Jamkhandi, Rabkavi Banhatti, Bilgi, Mudhol, Kerur, Badami, Guledgudda, Bagalkot, Hungund, Ilkal	23.43	14.06	14.06
Total		223		1191.69	715	668.34
IPDS PMA GRANT				5.97	5.97	4.78
Grand Total		223		1197.66	720.97	673.12

R-APDRP IMPLEMENTATION IN KARNATAKA

(Amount in Rs. Crore)

Sl. No.	Project	Sanction Cost	Gol Loan Sanction	Gol Loan Disb.	Status / Physical progress
01.	Part A (IT)	404	404	403	IT enablement of 98 towns completed; Financial Closure done.
02.	Par B	618	155	188	Part B works in 81 towns completed; Financial Closure done.
Total		1022	559	591	

PROJECTS UNDER R-APDRP ARE SANCTIONED TOWN-WISE, ACCORDINGLY THE FINANCIAL PROGRESS OF PART A (IT) AND PART B IS DETAILED BELOW:

IMPLEMENTATION OF PART A (IT) PROJECT

(Amount in Rs. Crore)

Sl. No.	Town/Project	Gol Loan Sanc. (Final)	Gol Loan Disb.
1	Anekal	1.07	1.07
2	Bangalore	215.20	214.55
3	Bangarpet	0.66	0.73
4	Challakera	0.82	0.89
5	Channapatna	0.98	1.05
6	Chintamani	1.00	1.00
7	Chitradurga	1.61	1.61
8	Davangere	3.44	3.44
9	Dbpura	0.99	1.13
10	Gowribidanor	0.71	0.72
11	Harihara	1.01	1.01
12	Harpanahalli	0.80	0.80
13	Hiriyur	1.00	1.00
14	Hoskote	0.70	0.79
15	Kanakapura	0.61	0.67
16	Kolar	1.50	1.50
17	Kunigal	0.85	0.85
18	Mulbagal	0.60	0.60
19	Ramnagar	1.13	1.20
20	Robertson	1.45	1.45
21	Shindalagatta	0.68	0.68
22	Sira	0.64	0.70
23	Tiptur	1.29	1.29
24	Tumkur	3.36	3.36
25	Chikballapur	1.21	1.21
26	Arasikere	1.23	1.23
27	C R Patna	1.16	1.16
28	Chamarajanagar	1.37	1.37
29	Hassan	2.85	2.85
30	Hunsur	1.10	1.10
31	K R Nagar	0.81	0.81
32	Kollegal	1.10	1.10
33	Malavalli	0.97	0.97
34	Mandya	2.91	2.91
35	Medikeri	1.28	1.28
36	Mysore	13.52	13.52
37	Nanjanagud	1.11	1.11
38	Aland	0.86	0.86
39	Bellary	3.59	3.59
40	Bhalki	0.86	0.86
41	Bidar	2.21	2.33
42	Gulbarga	7.64	7.52
43	Humnabad	1.07	1.07
44	Koppal	1.92	1.92
45	Manvi	0.99	0.99
46	Raichur	2.89	2.89
47	Sadam	0.85	0.85
48	Sahapur	1.02	1.02
49	Shorapur	0.96	0.96
50	Sindhanur	1.14	1.14
51	Siruguppa	0.98	0.98
52	Yadgeer	1.52	1.52
53	Basavakalyan	1.08	1.08

54	Gangawati	1.31	1.31
55	Hospet	2.42	2.42
56	Kampli	0.89	0.89
57	Shahabad	1.07	1.07
58	Wadi	0.77	0.77
59	Athani	1.33	1.31
60	Bagalkot	2.93	2.90
61	Bailhonghal	1.41	1.39
62	Belgaum	8.30	8.20
63	Bhatkal	1.16	1.15
64	Bijapur	5.87	5.81
65	Chikkodi	1.29	1.28
66	Dandeli	0.97	0.95
67	Gadag	2.48	2.45
68	Gokak	1.69	1.68
69	Guledgudd	0.89	0.88
70	Haveri	1.77	1.75
71	Hubli-Dharwad	15.58	15.40
72	Ilkal	1.28	1.27
73	Indi	1.12	1.11
74	Jamakhadi	1.36	1.35
75	Karwar	1.72	1.71
76	Kumta	1.17	1.16
77	Laxmeshwar	0.88	0.87
78	Mahalingpur	0.77	0.76
79	Mudhol	1.36	1.35
80	Nargunda	0.78	0.77
81	Nippani	1.15	1.13
82	Rabakavi-Banahatti	1.52	1.50
83	Ramdurga	0.85	0.84
84	Ranebennur	1.88	1.86
85	Saudatti	0.91	0.90
86	Savanur	0.81	0.80
87	Sirsi	1.56	1.54
88	Kadur	1.09	1.09
89	Mangalore	10.66	10.66
90	Shikaripura	1.12	1.12
91	Tarikere	0.78	0.78
92	Bantwala	1.58	1.58
93	Bhadrawati	1.95	1.95
94	Chickmagalur	2.00	2.00
95	Puttur	1.65	1.65
96	Sagara	1.27	1.27
97	Shimoga	4.40	4.40
98	Udupi	4.12	4.12
		404.17	403.44

IMPLEMENTATION OF PART-B PROJECTS

(Amount in Rs. Crore)

Sl. No.	Town/Project	Approved Project Cost (Report)	Gol Loan Sanc. (Report)	Gol Loan Disb.
1	Anekal	9.23	2.31	2.31
2	Bangarpet	5.54	1.39	1.39
3	Challakera	2.73	0.68	0.68
4	Channapatna	6.12	1.53	1.53
5	Chintamani	6.93	1.73	1.73
6	Chitradurga	15.82	3.96	3.96
7	Davanagere	49.89	12.47	12.47

8	Doddaballapura	10.80	2.70	2.70
9	Gowribidanur	5.36	1.34	1.34
10	Harihara	9.15	2.29	2.29
11	Harpanahalli	2.93	0.73	0.73
12	Hiriyur	3.10	0.78	0.78
13	Hoskote	4.92	1.23	1.23
14	Kanakpura	3.89	0.97	0.97
15	Kolar	8.94	2.24	2.24
16	Kunigal	2.65	0.66	0.66
17	Mulabagilu	3.89	0.97	0.97
18	Ramnagara	10.62	2.66	2.66
19	Robertsonpet/kgf	11.58	2.90	2.90
20	Sidlaghatta	5.06	1.27	1.27
21	Sira	4.00	1.00	1.00
22	Tiptur	6.37	1.59	1.59
23	Tumkur	38.82	9.71	9.71
24	Chikkaballapur	6.60	1.65	1.65
25	Arasikere	3.62	0.91	0.91
26	C R Patna	2.92	0.73	0.73
27	Chamarajanagar	4.02	1.01	1.01
28	Hassan	7.91	1.98	1.98
29	Hunsur	1.44	0.36	0.37
30	K R Nagar	2.19	0.55	0.56
31	Kollegal	3.05	0.76	0.76
32	Malavalli	2.14	0.54	0.54
33	Mandya	4.67	1.17	1.17
34	Madikeri	4.13	1.03	1.03
35	Mysore	128.35	32.09	32.07
36	Nanjanagud	4.05	1.01	1.01
37	Aland	3.61	0.90	0.90
38	Bellary	14.44	3.61	3.61
39	Bhalki	6.37	1.59	1.59
40	Bidar	17.37	4.34	4.34
41	Gulbarga	26.43	6.61	6.60
42	Humnbad	4.31	1.08	1.08
43	Koppal	2.83	0.71	0.71
44	Manvi	4.67	1.17	1.17
45	Raichur	15.54	3.88	3.88
46	Sedam	3.90	0.98	0.98
47	Shahapur	6.78	1.70	1.70
48	Shorapur	4.15	1.04	1.04
49	Sindhanoor	4.54	1.13	1.13
50	Sirguppa	3.04	0.76	0.76
51	Yadgir	10.75	2.69	2.69
52	Basavakalyan	5.83	1.46	1.46
53	Gangavathi	6.24	1.56	1.56
54	Hospet	13.79	3.45	3.45
55	Kampli	2.50	0.63	0.63
56	Shahabad	4.66	1.17	1.17
57	Wadi	3.70	0.93	0.93
58	Athani	1.36	0.34	0.37
59	Bagalkot#	0.00	0.00	0.95

60	Bailhongal	0.37	0.09	0.39
61	Belgaum [#]	0.00	0.00	8.58
62	Bhatakhal	2.73	0.68	0.88
63	Bijapur	3.79	0.95	4.49
64	Chikkodi	0.94	0.24	0.35
65	Dandeli	4.87	1.22	1.22
66	Dharwad [#]	0.00	0.00	2.52
67	Gadag	5.24	1.31	1.86
68	Gokak	1.04	0.26	0.60
69	Guledgudd	1.33	0.33	0.33
70	Haveri [#]	0.00	0.00	0.51
71	Hubli [#]	0.00	0.00	11.15
72	Ilkal [#]	0.00	0.00	0.65
73	Indi	1.13	0.28	0.28
74	Jamakhundi	0.74	0.19	1.06
75	Karwar	4.46	1.11	0.89
76	Kumta	3.79	0.95	0.95
77	Laxmeshwar	1.26	0.32	0.32
78	Mahalingpur	0.41	0.10	0.30
79	Mudhol	0.94	0.23	0.64
80	Nargund	2.09	0.52	0.67
81	Nippani	1.80	0.45	0.92
82	Rabakavi-Banahatti	2.36	0.59	1.09
83	Ramadurga	0.58	0.14	0.53
84	Rannebennur	2.00	0.50	1.01
85	Saudatti	0.75	0.19	0.75
86	Savanur	0.78	0.20	0.20
87	Sirsi	4.40	1.10	1.10
		618.03	154.50	187.79
#Towns cancelled by the Steering/ Monitoring Committee				
Gol Loan Disbursed for R-APDRP Part B Project of HESCOM, Ktk. is the actual disbursement without offsetting of Gol funds recoveries (Rs. 33.27 Cr.) made against subsequent cancellation/ reduction in approved cost.				

ANNEXURE-IV

**ANNEXURE REFERRED TO IN PARTS (d) TO (f) OF THE STATEMENT LAID IN
REPLY TO STARRED QUESTION NO. 242 ANSWERED IN THE LOK SABHA ON
05.08.2021 REGARDING ELECTRICITY TO POOR HOUSEHOLDS UNDER SAUBHAGYA**

**STATE-WISE & YEAR WISE ELECTRIFICATION OF HOUSEHOLDS SINCE LAUNCH OF
SAUBHAGYA**

Sl. No.	State	Household Electrified since launch of Saubhagya				
		2017-18	2018-19	2019-20	2020-21	Total
1	Andhra Pradesh	81,949	99,981	0		181,930
2	Arunachal Pradesh	0	47,089	0		47,089
3	Assam	110,836	1,634,313	197,807	2,193	1,945,149
4	Bihar	449,016	2,810,025	0		3,259,041
5	Chhattisgarh	155,490	593,907	29,534	10,860	789,791
6	Gujarat	15,748	25,569	0		41,317
7	Haryana	3,497	51,184	0		54,681
8	Himachal Pradesh	1,943	10,948	0		12,891
9	Jammu & Kashmir	0	387,501	0		387,501
10	Jharkhand	125,389	1,405,319	131,880	68,120	1,730,708
11	Karnataka	59,709	297,265	26,824		383,798
12	Madhya Pradesh	1,149,748	834,516	0		1,984,264
13	Maharashtra	182,896	1,335,026	0		1,517,922
14	Manipur	746	102,002	5,367		108,115
15	Meghalaya	0	199,839	0		199,839
16	Mizoram	0	27,970	0		27,970
17	Nagaland	473	132,034	0		132,507
18	Odisha	135,348	2,317,096	0		2,452,444
19	Puducherry	0	912	0		912
20	Punjab	0	3,477	0		3,477
21	Rajasthan	212,555	1,650,181	212,786		2,075,522
22	Sikkim	0	14,900	0		14,900
23	Tamil Nadu	2,170	0	0		2,170
24	Telangana	23,803	491,281	0		515,084
25	Tripura	1,882	137,208	0		139,090
26	Uttar Pradesh	1,133,002	6,847,566	788,083	411,920	9,180,571
27	Uttarakhand	4,960	243,791	0		248,751
28	West Bengal	194,153	538,137	0		732,290
	Total	4,045,313	22,239,037	1,392,281	493,093	28,169,724

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.251
ANSWERED ON 05.08.2021**

FUNDS SPENT BY NTPC UNDER CSR

***251. SHRI SURESH PUJARI:**

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

- (a) the percentage of project affected area inside the Territory of Lakhanpur Block of Jharsuguda in the State of Odisha after establishment of NTPC's Lara thermal power project at Odisha-Chhattisgarh Border;**
- (b) the total amount of funds spent so far by NTPC, Lara under Corporate Social Responsibility (CSR) and the amount spent so far in the project affected areas inside Odisha territory;**
- (c) the percentage of funds under CSR for which the project affected part of Odisha is entitled in principle;**
- (d) whether the Union Government proposes to give instruction to NTPC to spend the determined percentage of its CSR funds in consultation with the elected representatives and district administration in the project affected areas of Odisha including its arrear amount; and**
- (e) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 251 ANSWERED IN THE LOK SABHA ON 05.08.2021 REGARDING FUNDS SPENT BY NTPC UNDER CSR

(a) : No land was acquired for NTPC Lara in the State of Odisha, hence, no area has been affected in villages of Lakhanpur Block of Jharsuguda in Odisha due to establishment of the Lara Project.

(b) to (e) : Presently, NTPC Lara does not come under the Corporate Social Responsibility (CSR) phase. However, Community Development (CD) activities have been undertaken in the Project Affected Villages under the provisions for Rehabilitation & Resettlement (R&R) Plan of Lara. These CD activities have been undertaken in 09 Project Affected Villages of NTPC Lara in a participatory manner in consultation with stakeholders, Village Development Advisory Committee (VDAC) and District Administration, Raigarh under the guidance of District Collector, Raigarh, Chhattisgarh. As on 30.06.2021, total amount of Rs. 49.10 Crore has been spent out of allocated Rs. 52.34 Crore towards regular Community Development Activities under R&R Plan of NTPC Lara. A sum of Rs. 72,00,000/- was deposited with District Collector, Jharsuguda District (Odisha) on 05.12.2018, towards Community Development for 20 infrastructure development Projects in Lakhanpur Block of Jharsuguda District.

Apart from this regular CD expenditure, an amount of Rs. 220 Cr. has been spent so far out of allocated Rs. 320 Cr. for various CD activities in State of Chhattisgarh under R&R Plan of Lara covering expenditure on the following:

- 1. International Institute of Information Technology (IIIT) at Naya Raipur;**
- 2. Financial Assistance for upgradation of infrastructure & basic amenities and latest equipment to Govt. Medical College, Raigarh;**
- 3. Upgradation of Engineering College Raigarh; and**
- 4. Upgradation of Industrial Training Institute (ITI), Pussore.**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.255
ANSWERED ON 05.08.2021**

PRIVATISATION OF POWER DISTRIBUTION

***255. PROF. SOUGATA RAY:**

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

- (a) whether the Government proposes to privatise the entire power distribution in the country;**
- (b) if so, the details thereof;**
- (c) whether any State Government has opposed the proposal;**
- (d) if so, the details thereof;**
- (e) whether any State Government has not handed over the power distribution to private companies so far; and**
- (f) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (f) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (f) OF STARRED QUESTION NO. 255 ANSWERED IN THE LOK SABHA ON 05.08.2021 REGARDING PRIVATISATION OF POWER DISTRIBUTION

(a) to (f) : Electricity is a concurrent subject and distribution of electricity in States is handled generally by the State distribution utilities (Discoms). Accordingly, decision to privatise the power distribution in the States lies with the concerned State Government.

Government of India announced privatisation of Power Departments & Utilities in Union Territories (UTs) under Aatma Nirbhar Bharat Abhiyaan. The decision is guided by sub-optimal performance of power distribution utilities and the objective of providing better services to consumers with improvement in operational and financial efficiencies.

As per the decision of the Government of India, various UTs have undertaken steps for privatization of their electricity distribution for which Ministry of Power has provided transaction advisory support and status in this regard is given below:

UT of Chandigarh has received bids. The UTs of Dadra, Nagar Haveli (DNH) & Daman Diu (DD) have also received bids and bids have been evaluated. The UTs of A&N Islands and Lakshadweep are at Request for Proposal (RFP) finalization Stage. The Government of UT of Puducherry is currently at the RFP finalisation stage. The UT of Jammu & Kashmir has commissioned a study to assess suitable options in this direction.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2761
ANSWERED ON 05.08.2021**

CONVENTIONAL METERS

2761. SHRI SHYAM SINGH YADAV:

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

- (a) whether the Government maintain any data of number of conventional meters installed in the State of Uttar Pradesh;**
- (b) if so, the details thereof, district-wise;**
- (c) the present the status of installation of prepaid smart meters across the country;**
- (d) the number of smart meters installed in the State of Uttar Pradesh, district-wise;**
- (e) whether the Government proposes to replace all the conventional meters with smart meters in the State of the State of Uttar Pradesh especially in Jaunpur district; and**
- (f) if so, the details of all the agencies involved in this project including private contractors?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

- (a) & (b) : A total of 2,62,94,894 conventional meters are installed in Uttar Pradesh. The district-wise details are furnished at Annexure-I.**
- (c) : As per the data collated from various agencies/schemes, about 2.49 lakh smart prepaid meters have been deployed across the country as on 30th July 2021.**
- (d) : A total of 11,47,910 smart meters are installed in the State of Uttar Pradesh. The district-wise details are furnished at Annexure-II.**
- (e) : Ministry of Power vide letter dated 26.02.2021 (copy enclosed as Annexure III) has requested all the States including Uttar Pradesh to prepare a road map for shifting over to smart pre-payment meters/ pre-payment meters. New Distribution Reforms Scheme approved by Central Government has provision for giving financial assistance to States for installing smart prepaid meters.**
- (f) : State of Uttar Pradesh has reported that M/s Energy Efficiency Services Limited (EESL) is the implementing agency for the present project related to installation of smart meters in the State. EESL is a company promoted by Central Public Sector Enterprises of Ministry of Power.**

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED
QUESTION NO. 2761 ANSWERED IN THE LOK SABHA ON 05.08.2021**

#NAME	DISTRICT	TOTAL	
		Billable	Conventional Meters
DVVNL	AGRA	411564	381221
DVVNL	ALIGARH	629904	546132
DVVNL	AURAIYA	195842	190146
DVVNL	BANDA	276835	265634
DVVNL	CHITRAKOOT	156559	147889
DVVNL	ETAH	222129	207788
DVVNL	ETAWAH	222508	214571
DVVNL	FARRUKHABAD	262550	249090
DVVNL	FIROZABAD	378573	336427
DVVNL	HAMIRPUR	186380	173743
DVVNL	HATHRAS	249328	230937
DVVNL	JALAUN	248240	238480
DVVNL	JHANSI	300472	298793
DVVNL	KANNAUJ	216273	203691
DVVNL	KANPUR DEHAT	251400	242653
DVVNL	KANPUR NAGAR	222817	206123
DVVNL	KANSHIRAM NAGAR	191070	185429
DVVNL	LALITPUR	148705	143269
DVVNL	MAHOBAB	137816	135794
DVVNL	MAINPURI	253670	240305
DVVNL	MATHURA	464200	367069
MVVNL	AMBEDKARNAGAR	337623	321346
MVVNL	AMETHI	260567	252961
MVVNL	AYODHYA	405587	384917
MVVNL	BADAUN	357858	312872
MVVNL	BAHRAICH	399424	394318
MVVNL	BALRAMPUR	241246	223879
MVVNL	BARABANKI	396001	368423
MVVNL	BAREILLY	610335	542621
MVVNL	GONDA	389728	378543
MVVNL	HARDOI	476159	470306
MVVNL	LAKHIMPUR	530272	500968
MVVNL	LUCKNOW	1168158	852649
MVVNL	PILIBHIT	281634	274215
MVVNL	RAIBAREILI	501085	477906
MVVNL	SHAHJAHANPUR	357465	335053
MVVNL	SHRAWASTI	125492	125288
MVVNL	SITAPUR	494296	479268
MVVNL	SULTANPUR	363288	347350
MVVNL	UNNAO	475979	466041
PUVNL	AZAMGARH	593090	523502
PUVNL	BALLIA	311014	300820
PUVNL	BASTI	390146	349668
PUVNL	CHANDAULI	246407	228393
PUVNL	DEORIA	422654	353541
PUVNL	FATEHPUR	349196	309451
PUVNL	GHAZIPUR	413722	331045

PUVNL	GORAKHPUR	753650	657861
PUVNL	JAUNPUR	594731	467622
PUVNL	KAUSHAMBI	200872	173370
PUVNL	KUSHINAGAR	432300	392370
PUVNL	MAHRAJGANJ	392276	354133
PUVNL	MAU	328833	257382
PUVNL	MIRZAPUR	298425	267669
PUVNL	PRATAPGARH	456815	403861
PUVNL	PRAYAGRAJ	831437	709422
PUVNL	SANT KABIR NAGAR	246762	230284
PUVNL	SANT RAVIDAS NAGAR	182139	161641
PUVNL	SIDDHARTHA NAGAR	335827	307890
PUVNL	SONBHADRA	262240	250165
PUVNL	VARANASI	692860	481714
PVVNL	AMROHA (J.P. NAGAR)	320877	275927
PVVNL	BAGHPAT	254820	226061
PVVNL	BIJNOR	644248	595431
PVVNL	BULANDSHAHR	584892	526715
PVVNL	GAUTAM BUDDHA NAGAR	341235	329529
PVVNL	GHAZIABAD	957408	946371
PVVNL	HAPUR (PANCHSHEEL NAGAR)	276101	251914
PVVNL	MEERUT	763437	570472
PVVNL	MORADABAD	546951	527447
PVVNL	MUZAFFARNAGAR	521380	474215
PVVNL	RAMPUR	356462	345203
PVVNL	SAHARANPUR	624298	520797
PVVNL	SAMBHAL	289181	262559
PVVNL	SHAMLI	249488	216341
UPPCL		29265206	26294894

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION
NO. 2761 ANSWERED IN THE LOK SABHA ON 05.08.2021**

District	No. of Smart meters installed in U.P.
Varanasi	180717
Prayagraj	82686
Gorakhpur	56543
Meerut	148599
Saharanpur	49823
Lucknow	297283
Barabanki	22518
Bareilly	56048
Mathura	83894
Firozabad	20837
Aligarh	42729
Kanpur	106233
Total	1147910

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION
NO. 2761 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Annexure - II

No. 23/05/2020-Part (1)
Government of India
Ministry of Power
**

Shram Shakti Bhawan, Rafi Marg,
New Delhi, 26th February, 2021

To,

1. Additional Chief Secretaries/Principal Secretaries/Secretaries, Energy/
Power Dept., All State Government/UTs
2. CMDs/MDs, All Discoms

Sub: Implementation of smart pre-payment meter/pre-payment meters.

Sir/Madam,

I am directed to refer to Ministry of Power's letters dated 16.08.2018, 02.08.2019 & 07.08.2020 (copies enclosed) and to say that all the States must have taken steps and prepared a road map for shifting over to smart pre-payment meters/pre-payment meters. Some of the States have already started implementation of pre-payment meters at the consumer levels. Based on the feedback from the States who have implemented the prepayment meters, the following benefits are envisaged:-

- I. The working capital requirement will reduce;
- II. DISCOMs will be able to purchase comparatively cheaper electricity from power exchange which due to financial constraint they are not able to purchase;
- III. The burden of late payment surcharge which is as high as 18% at present will also become zero. The late payment surcharge is quite substantial in some of the states;
- IV. DISCOMs will be able to improve the infrastructure and provide 24x7 reliable power to all its consumers;
- V. DISCOMs will be able to pay in advance to GENCOS, Transmission companies, trading companies thereby taking a rebate of around 1.5% to 2% on the power purchase cost;
- VI. Once generating companies and transmission companies get payment in time or in advance, their working capital requirement will also reduce and to this extent, the tariff will also come down.
- VII. Cost saving as there would not be any requirement of serving a physical bill: - This will do away with irregular billing, particularly, in the rural area where the meters are not read periodically and bills are served either quarterly or half-yearly or even sometimes annually. This has led to cumulative dues which the rural consumers find it difficult to timely pay to the DISCOMs and the amount is compounded with late payment surcharge. With pre-payment meters, consumers can pay as per the convenience and in smaller denominations as per his payment capacity.

2. In the Union Budget, 2021-22, Hon'ble Finance Minister has announced the reforms-based-result-linked power distribution sector scheme with an outlay of Rs.3,05,984/- crore over 5 years. The scheme will provide assistance to DISCOMs for infrastructure creation including prepayment smart metering, feeder separation, upgradation of systems etc. tied to financial improvements. Approximately Rs.1,50,000/- crore is being earmarked for prepayment meters.

3. The relevant provisions regarding metering under section 55(1) and 47(5) of the Electricity Act, 2003 and Central Electricity Authority (Installation and operation of meters) Amendment Regulation, 2019 are enclosed at Annexure.

4. The Electricity (Rights of Consumers) Rules, 2020 has been notified on 31.12.2020 and as per this Rule, no connection shall be given without a meter and such meter shall be the Smart pre-payment meter or pre-payment meter. The relevant provision in the above mentioned Rule is re-produced below:-

"No connection shall be given without a meter and such meter shall be the smart pre-payment meter or pre-payment meter. Any exception to the smart meter or pre-payment meter shall have to be duly approved by the Commission. The Commission, while doing so, shall record proper justification for allowing the deviation from installation of the smart pre-payment meter or pre-payment meter."

Accordingly, the Discoms are required to implement the above provision. No specific approval is required from State Commission in this regard.

5. In view of the above, the States are once again requested to timely prepare the scheme of switching over to smart pre-payment meters/pre-payment meters in a time bound manner to avail funds from the Government of India under the above Scheme. **States are requested to submit their plans to this Ministry within 2 months from the date of issue of this letter.**

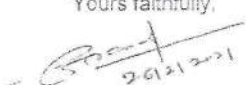
6. Further, the following stipulations may be indicated in the scheme to be proposed by the States:-

- I. No connection shall be given without a meter and such meter shall be the smart prepayment meter or prepayment meter;
- II. Any faulty meter shall be replaced only by smart prepayment meter or prepayment meter.
- III. The existing post-paid meters should be replaced within 3 years.

7. This issues with the approval of Hon'ble MoS (IC) for Power and NRE.

Yours faithfully,

Encl: As Above


(Ghanshyam Prasad)
Joint Secretary to the Govt. of India
Ph: 011 2371 0389

Copy for information to: PS to MOSP (IC), Sr. PPS to Secretary (Power), Sr. PPS to JS (R&R), PS to DS (R&R), Ministry of Power

Relevant provisions of the Electricity Act, 2003 regarding metering of electricity

Section 55(1) is reproduced below:-

*"(1) No licensee shall supply electricity, after the expiry of two years from the appointed date, except through installation of a correct meter in accordance with the **regulations to be made** in this behalf by the **Authority**:"*

*Provided that the licensee may require the **consumer to give him security** for the price of a meter and enter into an agreement for the hire thereof, unless the consumer elects to purchase a meter:*

Provided further that the State Commission may, by notification, extend the said period of two years for a class or classes of persons or for such area as may be specified in that notification.

(2) For proper account and audit in the generation, transmission and distribution or trading of electricity, the Authority may direct the installation of meters by a generating company or licensee at such stages of generation, transmission or distribution or trading of electricity and at such locations of generation, transmission or distribution or trading, as it may deem necessary."

Sub-Section 5 of Section 47 is re-produced below:

*"A distribution licensee shall **not be entitled to require security** in pursuance of clause (a) of Sub-Section (1) if the person requiring the supply is **prepared to take the supply through a pre-payment meter**."*

The reference of pre-payment meter has been made only in this paragraph in the entire Electricity Act, 2003 wherein the person is not required to pay security in case he opts for pre-payment meter.

Central Electricity Authority (Installation and operation of meters) Amendment Regulation, 2019

CEA has amended its meter Regulation and as per clause 4(1)(b), all new consumer meters shall be **smart meters with pre-payment feature**.

"Provided that the existing meters, other than Smart Meters, shall be replaced with Smart Meters with pre-payment feature within a time frame as specified by the Central Government"

However, for the purpose of replacement of existing meters, the time frame has to be specified by the Central Government.

F. No. 26/9/2015-IPDS
Government of India
Ministry of Power

New Delhi, the 16th August, 2018

To

Pr. Secretary/Secretary (Energy) of all States/MDs of all DISCOMs

Subject – Road map for shifting over to smart/prepaid meters within the next three years-reg.

Sir,

Kindly refer to DO letter dated 28.05.2018 from Hon'ble Minister of State (IC) for Power and New and Renewable Energy requesting drawing up a road map for shifting over to smart/prepaid meters within the next three years. The National Tariff policy, 2016 already mandates installation of Smart meters for consumers drawing upto 200 units per month by December, 2019. It also indicates that progressively all the meters for all consumers should be converted to Smart meters progressively.

2. Based on the requirements projected by the States, the Government of India has sanctioned funds to the tune of Rs. 830 Crores for Smart metering under IPDS. Funding has also been done for Smart meters under the National smart Grid mission under Smart grid projects. Besides this, it is understood that several States have also started projects of Smart metering under business models with EESL as well as under multilateral funding.

3. Smart meters have an added benefit of possibility of operation in prepaid mode. Smart meter in the prepaid mode or simple prepaid meters will do away with the problems of meter reading and billing. Smart meters in prepaid mode will detect thefts as such meters would enable real time energy audit, thereby being a major enabler for reduction of AT&C losses. Prepaid mode also empowers the consumers, including those in rural areas, to use electricity as per need, and would enable energy conservation measures by making the cost of electricity salient to them in real time.

4. It is therefore advised with the approval of Hon'ble Minister of State (I/C) for Power that States may consider switching over to Smart meters in prepaid mode/simple prepaid meters over a period of next three years, say by March, 2021. A roadmap for the same may please be sent to this Ministry at the earliest.

Yours faithfully,


(G. Swan Za Lian)
Under Secretary to the Govt. of India
Tel: 23708051

F. No. 26/9/2015-IPDS(Vol-II)
Government of India
Ministry of Power
Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001

Dated: 2nd August, 2019

To

Pr. Secretary/Secretary (Energy) of all States/MDs of all DISCOMs

Subject- Road map for shifting over to smart/prepaid meters within the next three years-reg.

Sir,

Kindly refer to DO letter dated 28.05.2018 from Hon'ble Minister of State (IC) for Power and New and Renewable Energy (Copy enclosed) and letter dated 16.08.2018 (copy enclosed) requesting drawing up a road map for shifting over to smart prepaid meters within the next three years.

2. Benefits of smart metering in the prepaid mode are well known. Smart Meters in the prepaid mode do away with the problem of billing and collection, reduce the cost of collection, do away with the problems associated with the disconnection in case of non-payment, reduce carrying costs, enable accurate demand forecasting, and energy conservation. It increases the consumers' engagement as well as enhances the revenue and reduces transaction costs.

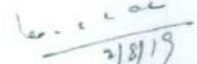
3. Progress would have been made by the States/DISCOMs in the interim on the roadmap, as well as installation of Smart meters in prepaid mode. The Ministry of Power has also sanctioned funds to the tune of Rs. 830 Crores for almost 41 lakh Smart meters under IPDS to the States that had requested assistance. Funding has also been done for Smart meters under the National smart Grid mission under Smart grid projects. All the smart meters procured under these schemes must be configured in the prepaid mode.

4. It is therefore requested that the States should submit their roadmaps for smart prepaid metering of all consumers as well as on the progress of Smart metering projects already undertaken/in process at the earliest.

5. It is further reiterated that States/Discoms must switchover to **smart meters in the prepaid mode** and implementation may be completed within three years.

6. This issues with the approval of MoSP(IC).

Yours faithfully,


(G. Swan Za Lian)

Under Secretary to the Govt. of India
Tele: 23708051

Copy to:
PS to Hon'ble MOSP(I/C)/Sr. PPS to S(P)/ PPS to SS(SNS)
PPS to JS(D)/PS to Dir(D)
CMD,PFC
Director,NSGM/NPMU

आर. के. सिंह
R. K. SINGH



विद्युत एवं नवीन और नवीकरणीय ऊर्जा
राज्य मंत्री (स्वतंत्र प्रभार)

भारत सरकार

Minister of State (Independent Charge)
for Power and New & Renewable Energy
Government of India

D.O. No. 239628/MOS(IC)/Power/2018

28.05.2018

Dear Biplab Jee,

As the number of consumers have increased so have the difficulties in meter reading, service of bills and disconnection in case of non-payment of bills. The difficulties are especially acute in rural areas where the meter reading happens infrequently and the bills reach the consumers in two to three months and disconnections in case of non-payment are becoming more and more difficult. Under SAUBHAGYA, we are going to add an additional 3.70 Crores consumers. This will further increase the difficulties in meter reading, billing, collection and disconnection. We, therefore, need to take the assistance of technology. Accordingly, we propose to shift electricity supply from post-paid mode to the pre-paid mode. This will do away with the necessity for meter reading, service of bills or manual disconnection in case of non-payment. We propose to make the shift in a time frame of three years; beginning at once.

2 The prepaid mode is advantageous for poor people in that they can re-charge any number of times in a month and the re-charge can be even for Rs.50 or Rs.100/- at a time. This will enable the poor people to stay connected. They will find it easy to pay for five to six days at a time rather than 30 days at a time which is the requirement in post-paid. It will be advantageous to the Distribution Companies because, they will be freed of the requirement of meter reading / service of bills / collection and disconnection. We would prefer smart meters programmed in the prepaid mode. These may be installed in all urban areas. In rural areas, simple pre-paid meters will also suffice.

3 I shall be grateful, if you could direct the Energy Department and the Discoms of your State to draw up a road map for shifting over to smart / prepaid meters within the next three years and share it with us.

With regards,

Yours sincerely,

(R. K. Singh)

Shri Biplab Kumar Deb
Hon'ble Chief Minister of Tripura
Government of Tripura
Secretariat
AGARTALA : 799 001



Shram Shakti Bhawan, New Delhi-110 001 Phone : +91-11-23717474, 23710411
Fax : +91-11-23710065, E-mail : raj.ksingh@gov.in

F. No. 26/9/2015-IPDS(Vol.II)(Pt.)(238595)
Government of India
Ministry of Power

New Delhi, Dated: 07th August, 2020

To

Pr. Secretary/Secretary (Energy) of all States/MDs of all DISCOMs

Subject– Road map for shifting over to smart/prepaid meters within the next 3 years.

Sir/Madam,

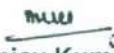
Kindly refer to this Ministry's letter of even number dated 02.08.2019 and letter dated 16.08.2018 (copies enclosed) requesting for drawing up a road map for shifting over to smart prepaid meters or prepaid meters within the next 3 years. The replies including the road map is still awaited.

2. The major reasons for high AT&C losses include non-billing, wrong billing, thefts, non-collection of the billed energy etc. All these reasons have an underlying factor, i.e a human interface. Prepaid metering will allow Utilities to address these issues by replacing human interface by technology. It will also enable consumers to use electricity as per their own requirements and budgets. In areas where prepaid metering has been introduced the AT&C losses have gone down sharply. In Manipur, the losses have come down from 47 percent to 15 percent.

3. It is therefore in the interest of Utilities to shift to prepaid mode- whether prepaid smart metering or simple prepaid metering – at the earliest. Prepaid smart metering would have some added advantages such as remote tariff updates; real time energy audits and TOD tariff- but the choice of whether to go in for prepaid smart metering or simple prepaid metering vests with the States. The essential requirement is to shift to prepaid to do away with manual interface and reduce transaction costs. It is requested that the shift to the prepaid system may be taken up and progressed phase wise. It is requested that this Ministry may be kept apprised of the action taken.

4. This issues with the approval of Hon'ble Minister of State (I/c) for Power, & NRE and MoS for Skill Development & Entrepreneurship.

Yours faithfully,


 (Mritunjay Kumar Narayan)
 Joint Secretary (Distribution)

Copy to:

1. PS to Hon'ble MoSP(I/C)
2. Sr. PPS to Secretary(Power), Ministry of Power
3. Sr. PPS to AS(D), Ministry of Power
4. PPS to JS(Distribution, Ministry of Power
5. PS to Dir(D)
6. CMD,PFC
7. Director, NSGM/NPMU

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2781
ANSWERED ON 05.08.2021**

POWER GENERATION CAPACITY

†2781. SHRI NARENDRA KUMAR:

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

- (a) the details of the existing power generation capacity and the sources thereof;**
- (b) the details of future work plan in this regard;**
- (c) the targets fixed for the clean power sector;**
- (d) the measures taken by the Government to become self-reliant in pollution free power generation and to be free from coal and other polluting elements;**
- (e) the quantity of electricity produced in the country, State-wise including Rajasthan; and**
- (f) the demand of electricity along with the measures taken to meet such demand, State-wise including Rajasthan?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : As on 30.06.2021, the Installed Generation Capacity is 384115.94 MW comprising of 234058.22 MW of Thermal, 46322.22 MW of Hydro, 96955.51 MW of Renewable Energy Sources (RES) and 6780 MW of Nuclear. The source wise details are given at Annexure-I.

(b) & (c) : The details of the future generation capacity plans and targets for clean power are as under:

- (i) Conventional power generation capacity to be commissioned by 2024-25 is at various stages of construction in the country which includes Thermal 36,765 MW, Hydro 10,164.50 MW and Nuclear 4,800 MW.**
- (ii) Government of India have set a target of 1,75,000 MW installed capacity from renewable sources by the end of 2021-22 which includes 1,00,000 MW from Solar, 60,000 MW from Wind, 10,000 MW from Biomass and 5,000 MW from small hydro.**

(d) : The following measures are taken by the Government to become self-reliant in pollution free power generation and to be free from coal and other polluting elements:

- (i) India has committed to cut its greenhouse gas (GHG) emissions intensity of its Gross Domestic Product (GDP) by 33 to 35 percent by 2030 from 2005 levels, and achieve about 40 percent it's cumulative electric power installed capacity from non-fossil fuel based resources by 2030.**
- (ii) Thermal power plants are taking various measures like upgradation of Electrostatic precipitators (ESP), installation of flue gas desulfurization (FGD) system and combustion modification to comply with Suspended Particulate Matter (SPM), SO₂ and NO_x norms.**

(e) : Details of power generation from Conventional fuel sources (Thermal, Hydro & Nuclear) of 25 MW and above in the country, State-wise including Rajasthan, during the last year 2020-21 & current year (upto June 2021) are at Annexure-II.

Details of State-wise generation from Renewable Energy Sources during the last year 2020-21 and current year (Up to June, 2021) is at Annexure-III.

(f) : The details of the State/UT-wise Power Supply Position in the country including Rajasthan, during the last year i.e. 2020-21 and the current year i.e. 2021-22 (upto June, 2021) are at Annexure-IV.

The States/UTs meet their respective energy requirement from various sources such as their own generation, share from Inter-State Generating Stations which also includes Central Sector Generating Stations, procuring power on bilateral basis and through Power Exchanges etc.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION
NO. 2781 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Source-wise break up of All India Installed Capacity**(in MW)**

	Source-wise breakup								Grand Total
	Thermal					Nuclear	Hydro	RES	
	Coal	Lignite	Gas	Diesel	Total				
Capacity	202004.50	6620.00	24924.01	509.71	234058.22	6780.00	46322.22	96955.51	384115.94
% Share	52.59	1.72	6.49	0.13	60.93	1.77	12.06	25.24	100.00

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION
NO. 2781 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Details of power generation from Conventional fuel sources (Thermal, Hydro & Nuclear) of 25 MW and above in the country, State-Wise including Rajasthan, during the last year 2020-21 & current year (upto June 2021)

STATE	Generation (MU)	
	2021-22 (upto- June 21)*	2020-21
ANDAMAN NICOBAR	24.47	118.48
ANDHRA PRADESH	13450.93	52749.07
ARUNACHAL PRADESH	988.01	3451.34
ASSAM	1927.54	5969.01
Bhutan (IMP)	1866.04	8765.50
BIHAR	10592.82	33866.14
CHHATTISGARH	36900.32	135033.69
DELHI	1382.81	5304.01
GOA	0.00	0.00
GUJARAT	19626.37	103882.32
HARYANA	4702.00	14896.38
HIMACHAL PRADESH	9325.51	37473.47
JAMMU AND KASHMIR	5417.87	17002.68
JHARKHAND	7666.24	27443.06
KARNATAKA	11047.74	39542.51
KERALA	2065.06	6737.63
LADAKH	103.05	376.21
MADHYA PRADESH	32976.37	129567.11
MAHARASHTRA	34605.28	117572.34
MANIPUR	81.47	621.62
MEGHALAYA	197.53	1151.99
MIZORAM	8.00	158.85
NAGALAND	13.12	203.86
ODISHA	15304.67	62066.44
PUDUCHERRY	62.27	232.15
PUNJAB	6216.26	22741.82
RAJASTHAN	12816.37	54090.95
SIKKIM	2984.44	10879.50
TAMIL NADU	20460.39	70077.48
TELANGANA	13064.97	48406.14
TRIPURA	1157.19	7043.21
UTTAR PRADESH	33819.01	126920.87
UTTARAKHAND	3229.48	14314.46
WEST BENGAL	21639.91	75947.35
Grand Total	325723.51	1234607.64

***PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT**

- Gross Generation from fuel sources (Thermal, Hydro and Nuclear) stations of 25 MW and above only.**
- Ladakh Separated From J&K From 2019-20.**

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 2781 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Details of State-wise generation from Renewable Energy Sources during the last year 2020-21 and current year (upto June, 2021)

Name of State/UT	Year 2020-21	Year 2021-22 (Upto June 2021)
Chandigarh	10.16	4.29
Delhi	426.70	90.15
Haryana	760.75	218.22
Himachal Pradesh	2160.30	311.51
J & K	439.29	151.91
Ladakh	0.00	0.00
Punjab	2864.47	803.29
Rajasthan	16516.35	5509.03
Uttar Pradesh	5747.78	1328.52
Uttarakhand	1236.85	215.01
Northern Region	30162.65	8631.93
Chhattisgarh	1633.89	440.85
Gujarat	17976.99	6807.11
Madhya Pradesh	8517.85	2617.65
Maharashtra	14232.49	4028.98
Dadra and Nagar Haveli	11.96	9.85
Daman & Diu	40.04	12.86
Goa	1.46	0.35
Western Region	42414.69	13917.65
Andhra Pradesh	14133.82	4503.92
Telangana	6933.09	1916.84
Karnataka	27850.31	6641.39
Kerala	1092.11	347.13
Tamil Nadu	21658.97	6522.02
Lakshadweep	0.45	0.10
Puducherry	6.39	3.06
Southern Region	71675.14	19934.45
Andaman Nicobar	39.51	7.67
Bihar	226.61	40.71
Jharkhand	26.47	5.07
Odisha	877.77	238.79
Sikkim	55.96	3.09
West Bengal	1530.69	433.33
Eastern Region	2757.01	728.66
Arunachal Pradesh	2.10	0.53
Assam	51.51	22.90
Manipur	7.71	1.37
Meghalaya	56.79	10.27
Mizoram	33.52	0.75
Nagaland	70.77	3.22
Tripura	15.62	3.09
North Eastern Region	238.02	42.15
All India Total	147247.51	43254.84

**ANNEXURE REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION
NO. 2781 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Details of the State/UT- wise Power Supply Position in the country including Rajasthan, during the last year i.e. 2020-21 and the current year i.e. 2021-22 (upto June, 2021)

State / System / Region	April, 2021 - June,2021				April, 2020 - March,2021			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	400	400	0	0.0	1,523	1,523	0	0.0
Delhi	7,856	7,854	1	0.0	29,560	29,555	4	0.0
Haryana	13,629	13,609	20	0.1	53,161	53,108	53	0.1
Himachal Pradesh	2,742	2,737	5	0.2	10,186	10,130	56	0.5
UT of J&K and Ladakh	5,086	4,674	412	8.1	19,773	17,222	2,551	12.9
Punjab	15,400	15,344	56	0.4	58,445	58,377	67	0.1
Rajasthan	20,448	20,418	30	0.1	85,311	85,205	106	0.1
Uttar Pradesh	32,788	32,457	331	1.0	124,367	123,383	984	0.8
Uttarakhand	3,543	3,538	5	0.2	13,827	13,818	8	0.1
Northern Region	101,892	101,031	861	0.8	396,151	392,323	3,829	1.0
Chhattisgarh	7,872	7,870	2	0.0	30,472	30,449	22	0.1
Gujarat	30,721	30,721	0	0.0	111,622	111,622	0	0.0
Madhya Pradesh	19,222	19,222	0	0.0	83,437	83,437	0	0.0
Maharashtra	43,707	43,707	0	0.0	150,679	150,663	16	0.0
Daman & Diu	617	617	0	0.0	2,223	2,223	0	0.0
Dadar Nagar Haveli	1,591	1,591	0	0.0	5,497	5,497	0	0.0
Goa	1,143	1,143	0	0.0	4,083	4,083	0	0.0
Western Region	104,872	104,871	2	0.0	388,013	387,975	38	0.0
Andhra Pradesh	17,756	17,746	9	0.1	62,080	62,076	4	0.0
Telangana	16,517	16,516	1	0.0	66,998	66,994	4	0.0
Karnataka	18,274	18,273	1	0.0	68,851	68,831	19	0.0
Kerala	6,489	6,485	4	0.1	25,118	25,102	16	0.1
Tamil Nadu	28,615	28,614	1	0.0	101,194	101,189	5	0.0
Puducherry	761	761	0	0.0	2,644	2,644	0	0.0
Lakshadweep #	15	15	0	0.0	56	56	0	0.0
Southern Region	88,412	88,395	17	0.0	326,885	326,836	48	0.0
Bihar	9,421	9,375	46	0.5	34,171	34,018	153	0.4
DVC	5,819	5,819	0	0.0	21,368	21,368	0	0.0
Jharkhand	2,635	2,577	57	2.2	9,953	9,675	278	2.8
Odisha	9,184	9,184	0	0.0	29,848	29,848	0	0.0
West Bengal	14,674	14,648	26	0.2	51,644	51,543	100	0.2
Sikkim	136	136	0	0.0	546	546	0	0.0
Andaman- Nicobar #	87	81	6	6.7	346	323	23	6.7
Eastern Region	41,869	41,739	129	0.3	147,530	146,999	531	0.4
Arunachal Pradesh	188	188	1	0.3	719	714	5	0.7
Assam	2,697	2,679	19	0.7	10,192	9,815	377	3.7
Manipur	227	226	1	0.4	974	969	5	0.5
Meghalaya	490	477	13	2.7	2,031	2,005	26	1.3
Mizoram	157	155	2	1.3	728	723	4	0.6
Nagaland	206	205	1	0.3	826	822	4	0.5
Tripura*	407	407	0	0.1	1,484	1,481	3	0.2
North-Eastern Region	4,372	4,336	36	0.8	16,955	16,531	424	2.5
All India	341,418	340,372	1,046	0.3	1,275,534	1,270,663	4,871	0.4
# Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and supply.								
* Excludes the supply to Bangladesh.								
Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MU figures have been rounded off to nearest unit place.								

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2800
ANSWERED ON 05.08.2021**

VACANT POSTS

†2800. SHRI ASHOK KUMAR RAWAT:

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

- (a) whether any post reserved for Scheduled Castes/Scheduled Tribes are lying vacant in various categories in NTPC Ltd., Power Grid Corporation Ltd., Rural Electrification Corporation Ltd., NHPC and other undertakings coming under the administrative control of the Ministry;**
- (b) if so, the details thereof, undertaking-wise;**
- (c) whether the employees working in the said undertakings have been promoted and new appointments were made therein during the last three years; and**
- (d) if so, the details of the appointments made under various categories during the said period and the current year so far year, category and undertaking-wise?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d): Category-wise details of vacant posts reserved for Scheduled Castes and Scheduled Tribes in the CPSUs under the administrative control of Ministry of Power are Annexed herewith as Annexure-I. Details of the employees promoted and new appointments made in the CPSUs during the last three years and the current year are given at Annexure-II and Annexure-III respectively.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2800 ANSWERED IN THE LOK SABHA ON 05.03.2021**

VACANCY STATUS IN RESERVED POSTS IN CPSUs UNDER DIFFERENT CATEGORIES:-

Sl. No.	Name of Undertaking	Group 'A' Posts		Group 'B' Posts			Group 'C' Posts	Group 'D' Posts	
		SCs	STs	SCs	STs	SCs	STs	SCs	STs
1.	North Eastern Electric Power Corporation Limited	0	0	0	0	0	0	0	0
2.	NHPC Ltd.	11	12	24	12	0	0	0	0
3.	NTPC Ltd.	0	8	0	0	7	161	1	15
4.	PFC Ltd.	0	1	0	0	0	0	0	0
5.	Power Grid Corporation of India Limited	14	22	0	0	41	15	0	0
6.	Power System Operation Corporation Limited	1	1	0	0	0	0	0	0
7.	REC Ltd.	2	2	0	0	0	0	0	0
8.	SJVN Ltd.	0	0	0	0	0	0	0	0
9.	THDC India Ltd.	2	1	0	0	1	0	0	0
	G. Total	30	47	24	12	49	176	1	15

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2800 ANSWERED IN THE LOK SABHA ON 05.03.2021

Year-wise details of promotion given to the employees working in the CPSUs (under the Ministry of Power) during the Calendar Year 2018 are as under:

Sl. No.	Name of Undertaking	Group 'A' Posts		Group 'B' Posts		Group 'C' Posts		Group 'D' Posts		Total	
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs	STs
1.	North Eastern Electric Power Corporation Limited	8	14	0	20	6	67	0	15	14	116
2.	NHPC Ltd.	49	33	7	2	34	20	1	0	91	55
3.	NTPC Ltd.	309	119	314	168	75	33	22	10	720	330
4.	PFC Ltd.	14	4	13	7	0	0	0	0	27	11
5.	Power Grid Corporation of India Limited	14	4	0	0	0	0	0	0	14	4
6.	Power System Operation Corporation Limited	10	1	3	0	1	0	0	0	14	1
7.	REC Ltd.	7	2	0	0	0	0	0	0	7	2
8.	SJVN Ltd.	27	17	2	0	20	3	5	2	54	22
9	THDC India Ltd.	17	8	5	0	14	0	0	0	36	8

Year-wise details of promotion given to the employees working in the CPSUs (under the Ministry of Power) during the Calendar Year 2019 are as under:

Sl. No.	Name of Undertaking	Group 'A' Posts		Group 'B' Posts		Group 'C' Posts		Group 'D' Posts		Total	
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs	STs
1.	North Eastern Electric Power Corporation Limited	0	2	0	0	0	0	0	0	0	2
2.	NHPC Ltd.	55	16	5	3	49	7	0	0	109	26
3.	NTPC Ltd.	414	211	136	64	59	34	19	7	628	316
4.	PFC Ltd.	18	6	1	0	0	1	0	0	19	7
5.	Power Grid Corporation of India Limited	11	4	0	0	1	1	0	0	12	5
6.	Power System Operation Corporation Limited	11	5	0	0	0	1	0	0	11	6
7.	REC Ltd.	6	2	0	0	0	0	0	0	6	2
8.	SJVN Ltd.	35	12	18	1	16	4	1	0	70	17
9	THDC India Ltd.	13	0	1	1	14	2	0	0	28	3

Year-wise details of promotion given to the employees working in the CPSUs (under the Ministry of Power) during the Calendar Year 2020 are as under:

Sl. No.	Name of Undertaking	Group 'A' Posts		Group 'B' Posts		Group 'C' Posts		Group 'D' Posts		Total	
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs	STs
1.	North Eastern Electric Power Corporation Limited	0	0	0	0	0	0	0	0	0	0
2.	NHPC Ltd.	121	45	6	1	19	27	0	0	146	73
3.	NTPC Ltd.	379	179	146	76	81	27	0	0	606	282
4.	PFC Ltd.	11	4	0	1	2	0	0	0	13	5
5.	Power Grid Corporation of India Limited	0	0	0	0	0	0	0	0	0	0
6.	Power System Operation Corporation Limited	18	4	1	0	2	1	0	0	21	5
7.	REC Ltd.	9	4	1	0	0	0	0	0	10	4
8.	SJVN Ltd.	39	11	6	3	25	3	20	5	90	22
9	THDC India Ltd.	20	7	2	0	4	0	0	0	26	7

Year-wise details of promotion given to the employees working in the CPSUs (under the Ministry of Power) during the Calendar Year 2021 are as under:

Sl. No.	Name of Undertaking	Group 'A' Posts		Group 'B' Posts		Group 'C' Posts		Group 'D' Posts		Total	
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs	STs
1.	North Eastern Electric Power Corporation Limited	0	0	0	0	0	0	0	0	0	0
2.	NHPC Ltd.	95	34	20	7	19	2	6	0	140	43
3.	NTPC Ltd.	1	1	0	0	0	0	0	0	1	1
4.	PFC Ltd.	2	0	0	0	0	0	0	0	2	0
5.	Power Grid Corporation of India Limited	0	0	0	0	0	0	0	0	0	0
6.	Power System Operation Corporation Limited	18	7	2	0	0	0	0	0	20	7
7.	REC Ltd.	0	0	0	0	0	0	0	0	0	0
8.	SJVN Ltd.	12	3	0	0	5	0	17	5	34	8
9	THDC India Ltd.	0	0	0	0	3	0	0	0	3	0

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2800 ANSWERED IN THE LOK SABHA ON 05.03.2021

Details of new appointments made by the CPSUs (under the Ministry of Power) against reserved posts in different categories during the Calendar Year 2018 are as under:

Details of new appointments made by the CPSUs (under the Ministry of Power) against reserved posts in different categories during the Calendar Year 2019 are as under:

Details of new appointments made by the CPSUs (under the Ministry of Power) against reserved posts in different categories during the Calendar Year 2020 are as under:

[illegible]

Details of new appointments made by the CPSUs (under the Ministry of Power) against reserved posts in different categories during the Calendar Year 2021 are as under:

Sl. No.	Name of Undertaking	Group 'A' Posts		Group 'B' Posts		Group 'C' Posts		Group 'D' Posts		Total	
		SCs	STs	SCs	STs	SCs	STs	SCs	STs	SCs	STs
1.	North Eastern Electric Power Corporation Limited	0	0	0	0	0	0	0	0	0	0
2.	NHPC Ltd.	4	2	0	0	0	0	0	0	4	2
3.	NTPC Ltd.	28	15	0	0	2	2	0	1	30	18
4.	PFC Ltd.	0	0	0	0	0	0	0	0	0	0
5.	Power Grid Corporation of India Limited	15	4	0	0	0	0	0	0	15	4
6.	Power System Operation Corporation Limited	1	1	0	0	0	0	0	0	1	1
7.	REC Ltd.	1	0	0	0	0	0	0	0	1	0
8.	SJVN Ltd.	0	0	0	0	0	0	0	0	0	0
9	THDC India Ltd.	1	1	0	0	0	0	0	0	1	1

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2803
ANSWERED ON 05.08.2021**

ULTRA MEGA POWER PROJECTS

†2803. SHRI BHOLANATH (B.P. SAROJ):

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

- (a) the tax holiday given to various Ultra Mega Power Projects (UMPPs) during each of the last three years and the current year, State-wise;**
- (b) the target fixed for power generation by the said UMPPs along with the quantum of production made thereby during the said period; and**
- (c) the details of UMPPs which are not generating electricity as per the set targets?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Two Ultra Mega Power Projects (UMPPs) namely Sasan in Madhya Pradesh and Mundra in Gujarat have been commissioned and are operational as under:

Sl. No.	Name of the SPV	State	Date of Commissioning
1.	Sasan Power Ltd.	Madhya Pradesh	01.02.2015
2.	Coastal Gujarat Power Ltd.	Gujarat	22.03.2013

Further, as per Section 80-IA of the Income Tax Act, 1961, tax holiday for deduction of an amount equal to hundred per cent of the profits and gains from industrial undertakings or enterprises engaged in infrastructure development including Generation of Power is available for any ten consecutive assessment years out of fifteen years beginning from the year in which the undertaking or the enterprise develops and begins to operate any infrastructure facility.

(b) & (c) : Generation is dependent upon schedule given by the procurers. The details of the targets fixed for two UMPPs and the actual power generation for the last 3 years and current year are tabulated as below:

Year	Sasan UMPP		Mundra UMPP	
	Target Set (MUs)	Actual Production (MUs)	Target Set (MUs)	Actual Production (MUs)
2018-19	30421.00	32877.27	26636.00	26839.30
2019-20	31000.00	33340.92	26700.00	26495.39*
2020-21	31000.00	33387.69	26700.00	26208.53*
2021-22 (Apr'21-May'21)	5619.00	5714.85	3637.00	1108.20*

MUs: Million Units

***Actual power generation less than the target**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2808
ANSWERED ON 05.08.2021**

SUB-TRANSMISSION AND DISTRIBUTION NETWORK

†2808. SHRI SANJAY BHATIA:

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

- (a) whether the Government has formulated any scheme to strengthen sub-transmission and distribution network in urban areas of the State of Haryana;
- (b) if so, the details thereof, district-wise including Karnal; and
- (c) the steps taken by the Government to strengthen the sub-transmission and distribution network system and distribution of transformer/feeder/consumer metering in the said Constituency?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Government of India had launched "Integrated Power Development Scheme" (IPDS) in December, 2014 with the aim of providing quality and reliable power supply in the urban areas with the following components:

- I. Strengthening of sub-transmission and Distribution network in urban areas.**
- II. Metering of feeders / distribution transformers/consumers in urban areas.**
- III. IT enablement of distribution sector and strengthening of distribution network being undertaken under R-APDRP (Restructured Accelerated Power Development and Reforms Programme) as subsumed component.**

The IPDS scheme has a total outlay of Rs. 32,612 crore. Projects worth Rs. 31,314 crore have been sanctioned in 547 circles of 33 States/UTs, against which States/UTs have reported an expenditure of Rs. 24,440 crore. Against the sanction of Rs. 447 crore under IPDS for Haryana, Rs 180 crore has been disbursed. District-wise details of system strengthening projects under IPDS in Haryana are at Annexure-I.

Further, Government of India has approved a "Revamped Distribution Sector Scheme: A Reform-based and Results-linked scheme" on 30.6.2021 with an outlay of Rs. 3,03,758 Crore. The Scheme seeks to improve the operational efficiency and financial sustainability of all Discoms/Power Departments excluding private Discoms by providing conditional financial assistance to Discoms for strengthening of supply infrastructure and for installation of smart Meters in Pre-paid mode.

(c) : Under IPDS, projects worth Rs. 42.92 crores have been sanctioned for urban areas of Karnal Constituency of Haryana. Details of the same are at Annexure-II. State Government of Haryana has also reported that the following works have been undertaken in Karnal Constituency by the State Government through its own resources:

- i. Installation of 1.30 lac smart meters under Nigam's own Capex Scheme.**
- ii. Work for creation/ augmentation of 47 no. 33 KV sub-stations under Nigam's own Capex Scheme.**

ANNEXURE-I
ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2808 ANSWERED IN THE LOK SABHA ON 05.08.2021

District-wise details of System strengthening projects sanctioned under IPDS

Sl. No.	DISCOM	Circle	Original Sanction Cost (Rs. Cr.)	Gol grant approved amt. (Rs. Cr.)	Grant Disbursed amt. (Rs Cr.)	Major executed item
1	UHBVNL	Ambala	5.65	3.39	3.05	HT Line - 12.31 Km ; AB Cable- 46.03 Km, UG Cable- 0.91 Km, New DT- 49 Nos , LT Line- 0.74 Km, Solar Panel- 60 KWp
2		Jhajjar	1.44	0.86	0.78	UG cable- 0.60 Km, AB cable- 10.14 Km, New DT- 04 Nos, Solar Panel- 50 KWp
3		Kaithal	7.49	4.49	4.04	HT Line- 2.45 Km, AB Cable- 21.43 Km, New DT- 44 Nos, Solar Panel- 55 KWp
4		Karnal	30.32	18.19	13.66	New Sub-station- 1 No (20 MVA), HT Line- 20.32 Km, AB Cable- 81.42 Km, UG cable-30.45 Km , New DT- 72 Nos, Solar Panel- 50 KWp
5		Kurukshetra	5.87	3.52	3.17	HT Line- 2.55 Km, AB Cable- 39.27 Km, UG cable- 11.18 Km, New DT- 22 Nos, Consumer meter- 1550 Nos
6		Panipat*	12.44	7.46	3.39	HT Line- 1.22 Km, AB Cable- 22.59 Km, UG cable- 2.13 Km, New DT- 13 Nos
7		Rohtak	9.2	5.52	4.97	HT Line- 2.36 Km, AB Cable- 60.89 Km, UG cable- 2.97 Km, New DT- 63 Nos, Consumer meter- 457 Nos
8		Sonepat	5.65	3.39	3.05	HT Line- 2.97 Km, AB Cable- 37.38 Km, UG cable- 4.22 Km, New DT- 33 Nos, Consumer meter- 1000 Nos
9		Yamuna Nagar	9.78	5.87	3.16	HT Line- 4.89 Km, AB Cable- 38.09 Km, UG cable- 1.21 Km, New DT- 43 Nos, Solar Panel- 70 KWp
Total- UHBVN		09	87.84	52.69	39.27	

* including 01 No. (2x10 MVA) GIS Sub-station sanctioned under GIS S/s project in UHBVNL.

S. No.	DISCOM	Circle	Original Sanction Cost (Rs. Cr.)	Gol grant approved amt. (Rs. Cr.)	Grant Disbursed amt. (Rs. Cr.)	Major executed item
1	DHBVNL	Bhiwani	13.3	7.98	4.65	New Sub-station- 2 Nos (20 MVA), Capacity enhancement of substation- 3 Nos, HT Line- 37.74 Km, AB cable- 34.03 Km, Consumer meter- 2158 Nos, Solar panel- 9 KWp
2		Faridabad	107.32	64.39	57.95	HT Line- 70.24 Km, AB cable- 393.80 Km, UG cable- 102.52 Km, Consumer meter- 90 Nos

3		Gurgaon	121.05	72.63	59.33	HT Line- 54.88 Km, AB cable- 104.51 Km, UG cable- 123.94 Km, New DT- 283 Nos
4		Hisar	12.34	7.4	1.71	HT Line- 28.10 Km, AB cable- 57.09 Km, New DT- 84 Nos, New LT Line- 38.32 Km, Solar Panel- 78 KWp
5		Jind	10.88	6.53	2.32	New Sub-station- 1No (10 MVA), HT Line- 30 Km, Solar Panel- 7 KWp
6		Narnaul	13.32	7.99	1.91	HT Line- 1.02 Km, AB cable- 10.36 Km, New DT- 71 Nos, Consumer meter- 813 Nos, Solar panel- 5 KWp
7		Palwal	18.37	11.02	3.76	Capacity enhancement of substation: 2 Nos, HT Line- 11.66 Km, AB Cable- 16.80 Km, New DT- 160 Nos
8		Rewari	7.75	4.65	2.62	New Sub-station- 1No (12.5 MVA), HT Line- 4.60 Km, AB Cable- 15.11 Km, New DT- 21 Nos, Consumer meter-458 Nos, Solar Panel- 2 KWp
9		Sirsa	5.47	3.28	2.95	HT Line- 4.50 Km, AB Cable- 64 Km, New DT- 38 Nos, Consumer meter- 114 Nos, Solar Panel -2 KWp
Total- DHBVNL		09	309.80	185.87	137.20	
G. Total Haryana (UHBVNL+DHBVNL)		18	397.64	238.56	176.47	

Note: Additionally, Total PMA Cost sanctioned to Haryana Discoms Rs. 1.99 Cr. & disbursed Rs. 1.52 Cr under System Strengthening Project (incl. GIS S/S).

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2808
ANSWERED IN THE LOK SABHA ON 05.08.2021**

**Financial progress of the works sanctioned under IPDS for Karnal Parliamentary Constituency
(Karnal & Panipat circles) is as under:**

Rs. in crore)

Circles	Sanctioned cost	Gol grant Sanctioned (60% of project cost)	Gol grant disbursed	Date of completion
Karnal	30.48	18.29	13.66	March-2021
Panipat*	12.44	7.5	3.39	March-2019*
Total	42.92	25.79	17.05	

** System strengthening works of Panipat circle have been completed in Mar-2019. GIS-Substation works are in progress.*

**Physical progress of the works sanctioned under IPDS for Karnal Parliamentary Constituency
(Karnal & Panipat circles) is as under:**

Milestone Name	Unit No.	Completed Quantity
New Sub-station (GIS)		1
HT Lines (New + Augmentation)	ckm	91.81
LT Lines (New + Augmentation)	ckm	2
Installation of New DT	No.	85
Solar Panels	kWp	55
Bay Extension	No.	1
AB Cable	KM	104.01
UG Cable	KM	32.58

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2817
ANSWERED ON 05.08.2021**

ONGOING POWER PROJECTS

2817. SHRI P RAVINDHRANATH:

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

- (a) the present status of various ongoing power projects in the State of Tamil Nadu;**
- (b) the steps taken/being taken by the Union Government to complete the said projects in a time bound manner; and**
- (c) the details of urban and rural electrification with assured 24X7 power supply under Pradhan Mantri Sahaj Bijali Har Ghar Yojana-Saubhagya in the State of Tamil Nadu during the last two years and the current year?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Generation is a delicenced activity. The present status of under construction Power Projects in the State of Tamil Nadu is at Annexure. It will be seen that the ongoing power projects are in the State/Private Sector and it is for the State Government/Private promoters to take steps as appropriate for their completion/closure.

(c) : Electricity is a concurrent subject and supply /distribution of electricity & management of associated functions is carried out by concerned State Government/ Distribution utility. All the States and Union Territories (UTs) have signed MoUs with the Central Government to ensure 24x7 power supply to all households, industrial & commercial consumers and adequate supply of power to agricultural consumers w.e.f. 1st April 2019 onwards. Government of India has supported the States through its various Schemes including Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Integrated Power Development Scheme (IPDS) and Ujjwal Discom Assurance Yojana (UDAY) to help them to achieve the objective of providing uninterrupted power supply to all the households.

The State of Tamil Nadu had already achieved 100% household electrification in the rural and urban areas; accordingly, no project has been sanctioned for the State under Saubhagya scheme. The State of Tamil Nadu has reported 24 Hrs. power supply in a day in the rural areas during the month of June, 2021.

ANNEXURE**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2817 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Status of Under Construction Thermal and Hydro Power Projects in Tamil Nadu

Sl. No.	Project Name	Sector	Unit No.	Capacity (MW)	Anticipated Trial Run (Given by Project Authority)
	Thermal				
1	Ennore exp. SCTPP	State	U-1	660	Project on hold. Commissioning uncertain
2	Ennore SCTPP	State	U-1	660	Mar-2023
			U-2	660	Apr-2023
3	North Chennai TPP Stage-III	State	U-1	800	Jan-2022
4	Uppur Super Critical TPP	State	U-1	800	Project on hold. Commissioning uncertain
			U-2	800	
5	Udangudi STPP Stage-I	State	U-1	660	May-2022
			U-2	660	Jul-2022
6	Tuticorin TPP	Private	U-1	660	Project on hold. Commissioning uncertain
7	Tuticorin TPP Stage-IV	Private	U-1	525	Aug-2021
	Hydro				
8	Kundah Pumped Storage (Phase-I, II & III) 4x125 = 500 MW	State	U-1	125	Apr-2023 (Date of Commissioning)
			U-2	125	
			U-3	125	
			U-4	125	

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2833
ANSWERED ON 05.08.2021**

SELF-RELIANCE IN THE FIELD OF ELECTRICAL EQUIPMENTS

†2833. SHRI PARBHUBHAI NAGARBHAI VASAVA:

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

- (a) the efforts being made by the Government to achieve self-reliance in the field of electrical equipments (lights installed during festivals and special occasions); and**
- (b) the efforts being made by the Government to reduce the import of the said equipment from China?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Ministry of Power (MoP) vide orders dated 28.07.2020 and 17.09.2020, has granted purchase preference to local suppliers with respect to Power sector, pursuant to Department for Promotion of Industry and Internal Trade's (DPIIT's) revised order dated 04.06.2020 under Public Procurement (Preference to Make in India) Order, 2017.

In order to encourage self-reliance in Light emitting diode (LED) Lighting, a Production Linked Incentive (PLI) scheme has been approved by Government of India, which will attract investors and boost local manufacturing of components.

Further, Department of Commerce has announced a new policy of Compulsory Registration Order (CRO), under which all LED Products will have to be registered after testing.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2863
ANSWERED ON 05.08.2021**

BURDEN ON CONSUMERS

2863. SHRI ASADUDDIN OWAISI:

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

- (a) whether coal based electricity consumers are paying high cost as end users;**
- (b) if so, the different taxes being levied on coal from mine to thermal power station and after generation of electricity;**
- (c) whether coal which cost 55% to electricity generation is under GST but electricity as end product is not under GST and is levied multiple taxes;**
- (d) if so, the details thereof; and**
- (e) the steps taken or being taken by the Government to put less burden on consumers and reduce taxes on coal for power generation?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Distribution licensees procure power from different sources including coal based generating stations. The end users (i.e. electricity Consumers) pay the retail tariff as determined by respective State Commission depending upon the various factors wherein one of the dominant factors is the average power purchase cost incurred by distribution licensee. The average power purchase cost includes the cost incurred by the distribution companies in purchase of power from all sources including coal if it has Power Purchase Agreement with the Coal based power plant. So, there are no electricity consumers of the distribution licensee who as such consume electricity only from the coal based power plant.

(b) to (d) : Presently, GST @5% and GST compensation cess @Rs. 400/metric ton is applicable on coal. Besides this, State Governments levy royalty, National Mineral Exploration Trust (NMET) Charge, District Mineral Foundation (DMF) Charge and some other taxes/levies, which vary from State to State. The electricity sector is out of the purview of GST. The activities such as supply of electricity and services of transmission or distribution of electricity by an electricity transmission or distribution utility are exempt from GST. Many State Governments levy taxes and duties on distribution of electricity at different rates.

(e) : Coal based power plants are obligated to comply with the norms/Notifications issued by MoEF&CC under Environment Protection Act, 1986. Those Notifications, which fall under the category of 'Change in law' by CERC are liable to be pass through in tariff and burden is to be borne by the consumers.

Government of India have taken the following steps to reduce the cost of power generation and resultant reduction in cost of electricity to consumers:

- (i) The Government in May, 2016 allowed flexibility in utilization of domestic coal by State/Central Gencos amongst their generating stations to reduce the cost of power generation by allocating more coal to their most efficient plants as well as by saving in transportation cost. The States may also transfer their linkage coal to IPPs selected through bidding process and take equivalent power.**
- (ii) Rationalization of linkage sources of State/Central Gencos and IPPs with a view to optimize transportation cost has been allowed.**
- (iii) The Government has introduced the SHAKTI (Scheme for Harnessing and Allocating Koyala (Coal) Transparently in India)-2017 Scheme to provide coal linkages to the power plants which do not have linkage, thus helping the generators to get cheaper coal and thereby reduction in cost of generation.**
- (iv) A Merit Order Despatch System has been put in place for Inter State Generating Stations under which electricity from more efficient/lower cost plant are despatched first.**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2902
ANSWERED ON 05.08.2021**

CONSUMPTION OF ELECTRICITY

**†2902. SHRI VISHNU DAYAL RAM:
SHRI UPENDRA SINGH RAWAT:**

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

- (a) whether electricity consumption has increased in the country during the last three years and the current year and if so, the details thereof, State-wise including Barabanki district of Uttar Pradesh;**
- (b) whether the country is capable to fulfill the demand of electricity generation as per requirement, if so, the details thereof and if not, the reasons therefor;**
- (c) the measures taken/being taken by the Government to fulfill the electricity demand;**
- (d) whether new power projects have been established/approved by the Government across the country; and**
- (e) if so, the details thereof, State-wise including Jharkhand and Uttar Pradesh?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Yes, Sir. The consumption of electrical energy has increased from 12,67,526 Million Units (MUs) in 2018-19 to 12,70,663 MUs in 2020-21. The peak electricity demand has also increased from 1,75,528 MW in 2018-19 to 2,00,570 MW during the current year 2021-22. The details of the State/UT-wise Power Supply Position in the country including Uttar Pradesh, for the last three years i.e. 2018-19, 2019-20 and 2020-21 and the current year i.e. 2021-22 (upto June, 2021) is given at Annexure-I. The Power Supply Position of Uttar Pradesh includes the power supplied to Barabanki district also.

(b) : The present installed generation capacity in the country is around 384 Giga Watt (GW) which is more than sufficient to meet the power demand in the country. The maximum peak power demand experienced so far was around 200.57 GW on 07.07.2021.

.....2.

(c) : Following steps are being taken to increase power production to meet the power demand in the country:

- (i) Conventional power generation capacity to be commissioned by 2024-25 is at various stages of construction in the country which includes Thermal 36,765 MW, Hydro 10,164.50 MW and Nuclear 4,800 MW.**
- (ii) Government of India have set a target of 1,75,000 MW installed capacity from renewable sources by the end of 2021-22 which includes 1,00,000 MW from Solar, 60,000 MW from Wind, 10,000 MW from Biomass and 5,000 MW from small hydro.**

(d) & (e) : As per the Electricity Act, 2003, generation is a de-licensed activity and the investment decision for setting up of power projects is made by the concerned developers. However, the State-wise details of the new projects of the Central Public Sector Undertakings (CPSUs) for which the Central Government has given investment approval are given at Annexure-II.

**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION
NO. 2902 ANSWERED IN THE LOK SABHA ON 05.08.2021**

The comparative details of the State/UT-wise Power Supply Position in the country including Uttar Pradesh, for the last three years i.e. 2018-19, 2019-20 and 2020-21 and the current year i.e. 2021-22 (upto June, 2021)

State / System / Region	April, 2021 - June, 2021				April, 2020 - June, 2020			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	400	400	0	0.0	352	352	0	0.0
Delhi	7,856	7,854	1	0.0	7,303	7,302	1	0.0
Haryana	13,629	13,609	20	0.1	11,570	11,570	0	0.0
Himachal Pradesh	2,742	2,737	5	0.2	1,929	1,925	5	0.3
UT of J&K and Ladakh	5,086	4,674	412	8.1	4,753	3,844	908	19.1
Punjab	15,400	15,344	56	0.4	12,995	12,995	0	0.0
Rajasthan	20,448	20,418	30	0.1	18,762	18,742	20	0.1
Uttar Pradesh	32,788	32,457	331	1.0	30,411	30,123	288	0.9
Uttarakhand	3,543	3,538	5	0.2	2,901	2,901	0	0.0
Northern Region	101,892	101,031	861	0.8	90,977	89,754	1,222	1.3
Chhattisgarh	7,872	7,870	2	0.0	6,770	6,770	0	0.0
Gujarat	30,721	30,721	0	0.0	25,270	25,270	0	0.0
Madhya Pradesh	19,222	19,222	0	0.0	16,869	16,869	0	0.0
Maharashtra	43,707	43,707	0	0.0	35,250	35,250	0	0.0
Daman & Diu	617	617	0	0.0	353	353	0	0.0
Dadar Nagar Haveli	1,591	1,591	0	0.0	680	680	0	0.0
Goa	1,143	1,143	0	0.0	968	968	0	0.0
Western Region	104,872	104,871	2	0.0	86,160	86,160	0	0.0
Andhra Pradesh	17,756	17,746	9	0.1	15,469	15,469	0	0.0
Telangana	16,517	16,516	1	0.0	14,146	14,146	0	0.0
Karnataka	18,274	18,273	1	0.0	17,658	17,658	0	0.0
Kerala	6,489	6,485	4	0.1	6,157	6,155	2	0.0
Tamil Nadu	28,615	28,614	1	0.0	24,892	24,892	0	0.0
Puducherry	761	761	0	0.0	615	615	0	0.0
Lakshadweep #	15	15	0	0.0	15	15	0	0.0
Southern Region	88,412	88,395	17	0.0	78,937	78,935	2	0.0
Bihar	9,421	9,375	46	0.5	8,069	8,054	15	0.2
DVC	5,819	5,819	0	0.0	4,034	4,034	0	0.0
Jharkhand	2,635	2,577	57	2.2	2,227	2,176	50	2.3
Odisha	9,184	9,184	0	0.0	6,935	6,935	0	0.0
West Bengal	14,674	14,648	26	0.2	12,036	11,960	76	0.6
Sikkim	136	136	0	0.0	124	124	0	0.0
Andaman- Nicobar #	87	81	6	6.7	87	81	6	6.7
Eastern Region	41,869	41,739	129	0.3	33,426	33,285	141	0.4
Arunachal Pradesh	188	188	1	0.3	135	133	2	1.3
Assam	2,697	2,679	19	0.7	2,268	2,138	131	5.8
Manipur	227	226	1	0.4	208	206	2	0.9
Meghalaya	490	477	13	2.7	419	412	7	1.7
Mizoram	157	155	2	1.3	154	153	2	1.1
Nagaland	206	205	1	0.3	192	190	1	0.7
Tripura ##	407	407	0	0.1	361	359	2	0.6
North-Eastern Region	4,372	4,336	36	0.8	3,738	3,592	147	3.9
All India	341,418	340,372	1,046	0.3	293,238	291,725	1,513	0.5

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

Excludes the supply to Bangladesh.

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MU figures have been rounded off to nearest unit place.

State/ System / Region	April, 2020 - March, 2021				April, 2019 -March, 2020			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,523	1,523	0	0.0	1,732	1,732	0	0.0
Delhi	29,560	29,555	4	0.0	33,086	33,077	9	0.0
Haryana	53,161	53,108	53	0.1	54,505	54,492	13	0.0
Himachal Pradesh	10,186	10,130	56	0.5	10,424	10,353	71	0.7
Jammu & Kashmir	19,773	17,222	2,551	12.9	20,025	16,259	3,767	18.8
Punjab	58,445	58,377	67	0.1	56,776	56,770	6	0.0
Rajasthan	85,311	85,205	106	0.1	81,281	81,222	58	0.1
Uttar Pradesh	124,367	123,383	984	0.8	122,549	121,004	1,545	1.3
Uttarakhand	13,827	13,818	8	0.1	14,472	14,376	96	0.7
Northern Region	396,151	392,323	3,829	1.0	394,851	389,285	5,566	1.4
Chhattisgarh	30,472	30,449	22	0.1	30,111	30,107	4	0.0
Gujarat	111,622	111,622	0	0.0	113,940	113,939	1	0.0
Madhya Pradesh	83,437	83,437	0	0.0	76,172	76,172	0	0.0
Maharashtra	150,679	150,663	16	0.0	155,167	155,166	0	0.0
Daman & Diu	2,223	2,223	0	0.0	2,574	2,574	0	0.0
Dadar Nagar Haveli	5,497	5,497	0	0.0	6,528	6,528	0	0.0
Goa	4,083	4,083	0	0.0	4,350	4,350	0	0.0
Western Region	388,013	387,975	38	0.0	388,841	388,836	5	0.0
Andhra Pradesh	62,080	62,076	4	0.0	65,452	65,414	38	0.1
Telangana	66,998	66,994	4	0.0	68,306	68,303	3	0.0
Karnataka	68,851	68,831	19	0.0	72,799	72,796	3	0.0
Kerala	25,118	25,102	16	0.1	26,315	26,265	50	0.2
Tamil Nadu	101,194	101,189	5	0.0	108,816	108,812	4	0.0
Puducherry	2,644	2,644	0	0.0	2,847	2,846	1	0.0
Lakshadweep #	56	56	0	0.0	46	46	0	0.0
Southern Region	326,885	326,836	48	0.0	344,535	344,436	99	0.0
Bihar	34,171	34,018	153	0.4	31,627	31,533	94	0.3
DVC	21,368	21,368	0	0.0	22,429	22,427	2	0.0
Jharkhand	9,953	9,675	278	2.8	8,941	8,872	69	0.8
Odisha	29,848	29,848	0	0.0	29,692	29,692	0	0.0
West Bengal	51,644	51,543	100	0.2	52,948	52,824	124	0.2
Sikkim	546	546	0	0.0	554	554	0	0.0
Andaman- Nicobar #	346	323	23	6.7	346	323	23	6.7
Eastern Region	147,530	146,999	531	0.4	146,191	145,902	289	0.2
Arunachal Pradesh	719	714	5	0.7	753	749	4	0.5
Assam	10,192	9,815	377	3.7	9,804	9,288	516	5.3
Manipur	974	969	5	0.5	924	917	6	0.7
Meghalaya	2,031	2,005	26	1.3	2,112	2,064	48	2.3
Mizoram	728	723	4	0.6	647	643	4	0.7
Nagaland	826	822	4	0.5	814	809	5	0.7
Tripura	1,484	1,481	3	0.2	1,538	1,515	23	1.5
North-Eastern Region	16,955	16,531	424	2.5	16,591	15,984	607	3.7
All India	1,275,534	1,270,663	4,871	0.4	1,291,010	1,284,444	6,566	0.5

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

* Excludes energy exported to Bangladesh.

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MU figures have been rounded off to nearest unit place.

State/ System / Region	April, 2019 - March, 2020				April, 2018 - March, 2019			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,732	1,732	0	0.0	1,571	1,571	0	0.0
Delhi	33,086	33,077	9	0.0	32,299	32,282	17	0.1
Haryana	54,505	54,492	13	0.0	53,665	53,665	0	0.0
Himachal Pradesh	10,424	10,353	71	0.7	9,850	9,618	232	2.4
UT of J&K and Ladakh	20,025	16,259	3,767	18.8	18,988	15,616	3,372	17.8
Punjab	56,776	56,770	6	0.0	55,328	55,315	13	0.0
Rajasthan	81,281	81,222	58	0.1	79,815	79,626	189	0.2
Uttar Pradesh	122,549	121,004	1,545	1.3	117,133	116,149	984	0.8
Uttarakhand	14,472	14,376	96	0.7	13,845	13,753	92	0.7
Northern Region	394,851	389,285	5,566	1.4	382,493	377,595	4,898	1.3
Chhattisgarh	30,111	30,107	4	0.0	26,471	26,417	54	0.2
Gujarat	113,940	113,939	1	0.0	116,372	116,356	15	0.0
Madhya Pradesh	76,172	76,172	0	0.0	76,056	76,054	2	0.0
Maharashtra	155,167	155,166	0	0.0	158,295	158,157	137	0.1
Daman & Diu	2,574	2,574	0	0.0	2,558	2,558	0	0.0
Dadar Nagar Haveli	6,528	6,528	0	0.0	6,303	6,302	0	0.0
Goa	4,350	4,350	0	0.0	4,295	4,292	3	0.1
Western Region	388,841	388,836	5	0.0	390,349	390,136	212	0.1
Andhra Pradesh	65,452	65,414	38	0.1	63,861	63,804	58	0.1
Telangana	68,306	68,303	3	0.0	66,489	66,427	62	0.1
Karnataka	72,799	72,796	3	0.0	71,764	71,695	69	0.1
Kerala	26,315	26,265	50	0.2	25,016	24,898	118	0.5
Tamil Nadu	108,816	108,812	4	0.0	109,482	109,380	102	0.1
Puducherry	2,847	2,846	1	0.0	2,766	2,756	10	0.3
Lakshadweep #	46	46	0	0.0	46	46	0	0.0
Southern Region	344,535	344,436	99	0.0	339,377	338,960	417	0.1
Bihar	31,627	31,533	94	0.3	30,061	29,825	236	0.8
DVC	22,429	22,427	2	0.0	22,745	22,372	372	1.6
Jharkhand	8,941	8,872	69	0.8	8,737	8,490	247	2.8
Odisha	29,692	29,692	0	0.0	32,145	32,115	30	0.1
West Bengal	52,948	52,824	124	0.2	51,471	51,287	184	0.4
Sikkim	554	554	0	0.0	527	527	0	0.1
Andaman- Nicobar #	346	323	23	6.7	346	323	23	6.7
Eastern Region	146,191	145,902	289	0.2	145,686	144,616	1,070	0.7
Arunachal Pradesh	753	749	4	0.5	869	859	9	1.1
Assam	9,804	9,288	516	5.3	9,566	9,238	328	3.4
Manipur	924	917	6	0.7	905	895	10	1.2
Meghalaya	2,112	2,064	48	2.3	1,957	1,956	2	0.1
Mizoram	647	643	4	0.7	643	635	8	1.2
Nagaland	814	809	5	0.7	888	795	93	10.5
Tripura*	1,538	1,515	23	1.5	1,863	1,841	22	1.2
North-Eastern Region	16,591	15,984	607	3.7	16,691	16,219	472	2.8
All India	1,291,010	1,284,444	6,566	0.5	1,274,595	1,267,526	7,070	0.6

Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, do not form part of regional requirement and energy supplied.

* Excludes energy exported to Bangladesh.

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MU figures have been rounded off to nearest unit place.

State/ System / Region	April, 2018 - March, 2019				April, 2017 - March, 2018			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	1,571	1,571	0	0.0	1,610	1,601	9	0.5
Delhi	32,299	32,282	17	0.1	31,826	31,806	19	0.1
Haryana	53,665	53,665	0	0.0	50,775	50,775	0	0.0
Himachal Pradesh	9,850	9,618	232	2.4	9,399	9,346	53	0.6
Jammu & Kashmir	18,988	15,616	3,372	17.8	18,808	15,050	3,759	20.0
Punjab	55,328	55,315	13	0.0	54,812	54,812	0	0.0
Rajasthan	79,815	79,626	189	0.2	71,194	70,603	591	0.8
Uttar Pradesh	117,133	116,149	984	0.8	120,052	118,303	1,749	1.5
Uttarakhand	13,845	13,753	92	0.7	13,457	13,426	31	0.2
Northern Region	382,493	377,595	4,898	1.3	371,934	365,723	6,211	1.7
Chhattisgarh	26,471	26,417	54	0.2	25,916	25,832	84	0.3
Gujarat	116,372	116,356	15	0.0	109,984	109,973	12	0.0
Madhya Pradesh	76,056	76,054	2	0.0	69,925	69,925	0	0.0
Maharashtra	158,295	158,157	137	0.1	149,761	149,531	230	0.2
Daman & Diu	2,558	2,558	0	0.0	2,534	2,534	0	0.0
Dadar Nagar Haveli	6,303	6,302	0	0.0	6,168	6,168	0	0.0
Goa	4,295	4,292	3	0.1	4,117	4,117	0	0.0
Western Region	390,349	390,136	212	0.1	368,405	368,080	326	0.1
Andhra Pradesh	63,861	63,804	58	0.1	58,384	58,288	96	0.2
Telangana	66,489	66,427	62	0.1	60,319	60,235	83	0.1
Karnataka	71,764	71,695	69	0.1	67,869	67,701	168	0.2
Kerala	25,016	24,898	118	0.5	25,002	24,917	85	0.3
Tamil Nadu	109,482	109,380	102	0.1	106,006	105,839	166	0.2
Puducherry	2,766	2,756	10	0.3	2,668	2,661	7	0.3
Lakshadweep #	46	46	0	0.0	47	47	0	0.0
Southern Region	339,377	338,960	417	0.1	320,248	319,642	606	0.2
Bihar	30,061	29,825	236	0.8	27,019	26,603	417	1.5
DVC	22,745	22,372	372	1.6	21,549	21,373	176	0.8
Jharkhand	8,737	8,490	247	2.8	7,907	7,753	154	1.9
Odisha	32,145	32,115	30	0.1	28,802	28,706	96	0.3
West Bengal	51,471	51,287	184	0.4	50,760	50,569	191	0.4
Sikkim	527	527	0	0.1	485	484	0	0.1
Andaman- Nicobar #	346	323	23	6.7	328	299	29	8.9
Eastern Region	145,686	144,616	1,070	0.7	136,522	135,489	1,034	0.8
Arunachal Pradesh	869	859	9	1.1	799	788	10	1.3
Assam	9,566	9,238	328	3.4	9,094	8,779	315	3.5
Manipur	905	895	10	1.2	874	827	46	5.3
Meghalaya	1,957	1,956	2	0.1	1,557	1,553	3	0.2
Mizoram	643	635	8	1.2	497	488	9	1.7
Nagaland	888	795	93	10.5	794	774	20	2.5
Tripura	1,863	1,841	22	1.2	2,602	2,553	49	1.9
North-Eastern Region	16,691	16,219	472	2.8	16,216	15,763	453	2.8
All India	1,274,595	1,267,526	7,070	0.6	1,213,326	1,204,697	8,629	0.7

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

Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MU figures have been rounded off to nearest unit place.

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (d) & (e) OF UNSTARRED QUESTION NO. 2902 ANSWERED IN THE LOK SABHA ON 05.08.2021

Projects for which investment approval given by Central Government

Hydro Projects

Sl. No.	State/UT	Name of the Project	Capacity in MW
1.	UT of J&K	Pakal Dul HE Project	1000
2.	UT of J&K	Kiru HE Project	624
3.	Sikkim	Teesta VI HE Project	500
4.	Arunachal Pradesh	Dibang Multipurpose Project	2880*
5.	UT of J&K	Ratle HE Project	850
6.	Sikkim	Rangit IV HE Project	120
7.	Uttarakhand	Koteshwar HEP	400
8.	Uttarakhand	Naitwar Mori HEP	60
9.	Himachal Pradesh	Luhri HEP Stage-I	210
10.	Himachal Pradesh	Dhulasidh HEP	66

*Investment approval was given for pre-investment activities only.

Thermal Projects

Sl. No.	State/UT	Name of the Project	Capacity in MW
1.	Bihar	Buxar Thermal Power Project	2x660
2.	Uttar Pradesh	Khurja Super Thermal Power Plant	2x660

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2904
ANSWERED ON 05.08.2021**

ELECTRIC VEHICLE CHARGING POINTS

2904. SHRIMATI CHINTA ANURADHA:

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

- (a) whether the Government has selected the properties in States to develop Electric Vehicle charging points; and**
- (b) if so, the details thereof, State-wise?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : The land/properties for installation of Electric Vehicle Charging Stations are selected by the agencies installing the charging points. Oil Marketing Companies have set up 452 Vehicle Charging Stations/Battery Swapping at their Retail Outlets, of which details are at Annexure.

ANNEXURE**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2904 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Charging Stations/Battery Swapping installed by Oil Marketing Companies

States/UTs	No of Charging Stations/Battery swapping at Retail Outlets as on 30.06.2021
Andhra Pradesh	4
Arunachal Pradesh	2
Assam	7
Bihar	3
Chandigarh	6
Delhi	59
Goa	7
Gujarat	10
Haryana	53
Himachal Pradesh	7
Jharkhand	7
Karnataka	47
Kerala	32
Madhya Pradesh	15
Maharashtra	23
Manipur	1
Meghalaya	1
Nagaland	2
Odisha	2
Puducherry	1
Punjab	11
Rajasthan	32
Tamil Nadu	21
Telangana	62
Tripura	2
Uttar Pradesh	28
Uttarakhand	5
West Bengal	2
All India	452

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO. 2953
ANSWERED ON 05.08.2021**

SUPPLY OF POWER TO HOUSEHOLDS

†2953. SHRI UDAY PRATAP SINGH:

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

- (a) the target set for supplying power to every village, every household and every farmer in the country during the last three years under various schemes alongwith the target achieved thereon, State-wise including Madhya Pradesh;**
- (b) the quantum of funds allocated and utilised for the implementation of the said schemes during the last three years and the current year;**
- (c) whether the Government has received proposals for power supply in small villages, hamlets and small settlements from the State of Madhya Pradesh; and**
- (d) if so, the details along with the present status thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d) : Electricity is a concurrent subject. Supply/distribution of electricity to consumers is done by the respective State Governments and/or State Power Utilities. All the States and Union Territories (UTs) including Madhya Pradesh have signed MoUs with the Central Government to ensure 24x7 power supply to all households, industrial & commercial consumers and adequate supply of power to agricultural consumers w.e.f. 1st April 2019 onwards. Government of India assists the States through its various schemes including Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Integrated Power Distribution Scheme (IPDS) and Ujjwal Discom Assurance Yojana (UDAY) to enable them to achieve the objective of providing uninterrupted power supply to all households.

Under Saubhagya scheme, as on 31.03.2021 all the States have reported 100% electrification of all the willing un-electrified households, identified before 31.03.2019. As reported by the States, 2.817 crore households have been electrified upto 31.03.2021 since the launch of Saubhagya.

Under DDUGJY, Saubhagya and IPDS scheme funds are released against the sanctioned projects in installments based on the utilisation of amount released earlier and fulfillment of stipulated conditions. Total Grant of Rs.27,327 crore, Rs.3,868 crore and Rs.15,902 crore have been disbursed to the States during the last three years and current year (up to 30.06.2021) under DDUGJY, Saubhagya and IPDS scheme, respectively. The State-wise details are given at Annexure-I, Annexure-II and Annexure-III respectively.

Saubhagya scheme got closed on 31.3.2019. The State of Madhya Pradesh reported 100% electrification of all the willing un-electrified households in the State as on 31.3.2019.

As per independent surveys, the availability of power in rural areas has gone up from an average of 12 hours in 2015-16 to 20.50 hours in the year 2020; and in the urban areas, the availability of power has gone up to 22.23 hours. In June, 2021, the average availability of power in the rural areas was 22.17 hours, and in urban areas it was 23.36 hours. The State-wise details of power supply in the rural areas and urban areas including Madhya Pradesh, for the last three years and current year are at Annexure-IV, Annexure-V and Annexure-VI, respectively.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2953 ANSWERED IN THE LOK SABHA ON 05.08.2021**

STATE-WISE AND YEAR-WISE DETAILS OF FUNDS RELEASED AND UTILIZED DURING THE LAST THREE YEARS AND THE CURRENT YEAR UNDER DDUGJY (INCLUDING RE & ADDITIONAL INFRA) i.e. 2018-19 TO 2021-22 (UP TO 30.06.2021)

(Rs. in crore)

Sl. No.	State	2018-2019	2019-2020	2020-2021	2021-22 (up to 30.06.2021)	Total Grant Released	Total Grant utilised
		Grant Released	Grant Released	Grant Released	Grant Released		
1	Andhra Pradesh	177	8	8	-	194	194
2	Arunachal Pradesh	160	37	32	-	228	216
3	Assam	1,082	661	416	-	2,159	1,932
4	Bihar	2,412	682	830	325	4,248	4,248
5	Chhattisgarh	79	58	54	-	191	168
6	Gujarat	181	-	13	-	193	193
7	Haryana	22	50	5	37	114	114
8	Himachal Pradesh	15	40	37	-	92	71
9	J&K	527	65	35	-	627	454
10	Jharkhand	1,362	610	355	1	2,328	2,322
11	Karnataka	451	283	13	5	752	750
12	Kerala	57	8	-	-	65	65
13	Ladakh	15	24	-	-	39	23
14	Madhya Pradesh	952	375	278	24	1,628	1,628
15	Maharashtra	482	225	158	-	865	865
16	Manipur	41	46	50	-	136	116
17	Meghalaya	155	165	61	-	380	359
18	Mizoram	35	16	5	5	61	55
19	Nagaland	55	24	11	-	90	72
20	Orissa	1,369	330	122	-	1,821	1,600
21	Punjab	42	115	16	-	173	173
22	Rajasthan	1,246	273	116	1	1,637	1,635
23	Sikkim	21	9	28	-	58	58
24	Tamil Nadu	244	56	-	-	300	300
25	Telangana	61	74	-	1	136	136
26	Tripura	112	47	48	45	252	234
27	Uttar Pradesh	3,560	946	1,661	112	6,280	6,236
28	Uttarakhand	270	269	5	-	543	503
29	West Bengal	1,281	261	149	23	1,714	1,684
30	Goa	3	7	-	-	10	10
31	D&N Haveli	1	-	-	-	1	1
32	Puducherry	0	5	3	-	9	8
33	Andaman Nicobar	-	-	2	-	2	2
	Grant Total	16469	5767	4511	580	27327	26425

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2953 ANSWERED IN THE LOK SABHA ON 05.08.2021**

STATE-WISE AND YEAR-WISE DETAILS OF FUNDS RELEASED AND UTILIZED DURING THE LAST THREE YEARS AND THE CURRENT YEAR UNDER SAUBHAGYA I.E. 2018-19 TO 2021-22 (UP TO 30.06.2021)**Rs. in crore**

Sl. No.	State	2018-2019	2019-2020	2020-2021	2021-22 (up to 30.06.2021)	Total Grant Released	Total Grant utilised
		Grant Released	Grant Released	Grant Released	Grant Released		
1	Andhra Pradesh	-	-	-	-	-	-
2	Arunachal Pradesh	138.86	13.79	-	-	153	153
3	Assam	402.71	120.92	118.45	-	642	536
4	Bihar	198.78	136.25	17.10	-	352	352
5	Chhattisgarh	219.00	32.01	42.06	-	293	293
6	Gujarat	-	-	-	-	-	-
7	Haryana	-	2.98	-	-	3	3
8	Himachal Pradesh	0.82	2.89	-	-	4	4
9	J&K	51.43	-	-	-	51	35
10	Jharkhand	82.72	4.31	59.85	-	147	96
11	Karnataka	-	39.38	-	-	39	39
12	Kerala	-	26.12	13.27	-	39	39
13	Ladakh	-	-	-	-	-	-
14	Madhya Pradesh	147.09	-	6.32	-	153	153
15	Maharashtra	139.56	43.37	-	-	183	183
16	Manipur	34.86	33.04	12.13	-	80	80
17	Meghalaya	97.84	87.79	1.26	0.11	187	187
18	Mizoram	34.62	-	6.03	-	41	38
19	Nagaland	34.29	-	-	-	34	34
20	Orissa	168.41	-	-	-	168	149
21	Punjab	-	-	0.36	-	0	0
22	Rajasthan	102.94	76.40	100.97	-	280	280
23	Sikkim	-	0.53	1.15	-	2	2
24	Tamil Nadu	-	-	-	-	-	-
25	Telangana	-	15.38	-	-	15	15
26	Tripura	236.67	8.11	0.27	14.74	260	245
27	Uttar Pradesh	522.61	25.76	52.31	-	601	600
28	Uttarakhand	22.42	6.83	0.54	-	30	28
29	West Bengal	73.20	20.28	15.92	-	109	107
30	Goa	-	-	-	-	-	-
31	D&N Haveli	-	-	-	-	-	-
32	Puducherry	-	-	-	-	-	-
33	Andaman Nicobar	-	-	-	-	-	-
	Grant Total	2,709	696	448	15	3,868	3,654

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2953 ANSWERED IN THE LOK SABHA ON 05.08.2021

STATE-WISE AND YEAR-WISE DETAILS OF FUNDS RELEASED AND UTILIZED DURING THE LAST THREE YEARS AND THE CURRENT YEAR UNDER IPDS I.E. 2018-19 TO 2021-22 (UP TO 30.06.2021)

Rs. in crore

Sl. No.	State/UT	IPDS					
		Gol Fund Disb. 2018-2019	Gol Fund Disb. 2019-2020	Gol Fund Disb. 2020-2021	Gol Grant Disb. During 2021-22 (till 30 th Jun,21)	Total Grant Released	Total Grant Utilized
1	A&N Islands	-	-	2	6	10	10
2	AP	18	29	101	4	481	432
3	Arunachal	-	15	56	8	92	58
4	Assam	-	273	75	8	509	497
5	Bihar	18	624	315	6	1,319	1,319
6	Chhattisgarh	1	23	169	22	284	194
7	Delhi	33	-	57	-	90	90
8	Goa	0	11	13	0	27	20
9	Gujarat	120	112	84	-	650	624
10	Haryana	30	42	72	-	180	115
11	HP	21	60	18	10	120	109
12	J&K/ Ladakh	-	58	228	9	333	286
13	Jharkhand	160	-	75	-	367	295
14	Karnataka	350	49	91	28	717	694
15	Kerala	0	19	225	4	356	352
16	Maharashtra	81	740	110	5	1,294	1,225
17	Manipur	64	-	-	-	96	75
18	Meghalaya	9	1	29	11	55	43
19	Mizoram	3	5	5	-	25	20
20	MP	123	364	202	33	899	813
21	Nagaland	8	74	-	3	95	92
22	Odisha	247	128	22	5	585	229
23	Puducherry	4	-	5	-	9	9
24	Punjab	20	120	42	5	236	196
25	Rajasthan	-	417	96	35	776	776
26	Sikkim	9	15	-	15	41	24
27	Tamil Nadu	24	596	27	0	926	926
28	Telangana	223	11	56	17	417	409
29	Tripura	6	24	85	-	129	129
30	UP	1,008	111	303	0	2,774	2,661
31	Uttarakhand	87	73	224	4	437	408
32	West Bengal	45	607	422	2	1,573	1,507
		2,713	4,600	3,210	241	15,902	14,637

ANNEXURE-IV**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2953 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Year-wise and State-wise duration of Power Supply in Urban and Rural areas:

Sl. No.	State Name	2018-19		2019-20		2020-21	
		RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
1	Andhra Pradesh	22:07	23:58	23:38	23:55	23:40	23:54
2	Arunachal Pradesh	-	-	-	-	-	22:44
3	Assam	-	23:44	-	23:48	-	-
4	Bihar	21:13	-	21:51	23:08	21:53	23:23
5	Chhattisgarh	-	23:46	-	23:59	-	23:59
6	Goa	-	-	-	22:45	-	23:44
7	Gujarat	23:47	23:57	23:07	23:57	23:44	23:57
8	Haryana	19:37	23:17	19:14	23:16	19:57	23:24
9	Himachal Pradesh	15:49	-	15:39	23:51	15:50	23:51
10	Jammu & Kashmir	-	-	-	-	-	21:59
11	Jharkhand	-	-	-	23:33	-	-
12	Karnataka	17:38	23:56	17:13	23:50	19:11	23:51
13	Kerala	21:13	24:00	21:58	23:59	21:00	23:55
14	Madhya Pradesh	23:20	23:42	23:02	23:51	22:39	23:56
15	Maharashtra	-	23:57	20:27	23:58	20:58	23:59
16	Meghalaya	-	23:57	-	23:59	-	23:56
17	Mizoram	-	23:44	-	23:40	-	23:48
18	Nagaland	-	-	-	23:30	-	22:44
19	Odisha	20:08	-	20:01	23:39	21:16	23:51
20	Puducherry	22:06	-	20:27	-	23:09	-
21	Punjab	23:16	23:47	23:10	23:43	22:36	23:46
22	Rajasthan	21:18	23:55	21:18	23:53	21:22	23:59
23	Tamil Nadu	20:46	-	20:58	23:58	21:31	-
24	Telangana	22:03	-	22:13	23:55	22:09	23:55
25	Tripura	19:41	24:00	19:33	24:00	19:33	23:59
26	Uttar Pradesh	19:06	23:09	17:02	23:34	16:26	23:45
27	Uttarakhand	21:24	23:28	21:40	23:24	21:58	23:39
28	West Bengal	18:11	23:58	23:04	23:58	23:04	23:59
National Average*		20:41	21:43	20:50	22:23	21:09	23:35

*Average is calculated by considering only those States whose data is available for the relevant Financial Year.

Information of only those States is available whose feeders have been on-boarded on NPP.

Blank cell implies feeders of the State either not on-boarded on NPP or not communicated for that period.

ANNEXURE-V**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2953 ANSWERED IN THE LOK SABHA ON 05.08.2021**

State-wise average duration of Power supply in a day in Rural Areas for the month of May 2021

Sl. No.	States/Union Territories of India	Average Hours of Power Supply in a day (HH:MM)
1	Andhra Pradesh	23.58
2	Arunachal Pradesh*	20.00
3	Assam	21.00
4	Bihar	22.14
5	Chhattisgarh	22.70
6	Goa	24.00
7	Gujarat	24.00
8	Haryana	20.41
9	Himachal Pradesh	24.00
10	Jharkhand	19.62
11	Karnataka	20.26
12	Kerala	24.00
13	Madhya Pradesh	23.50
14	Maharashtra	24.00
15	Manipur	21.05
16	Meghalaya	22.38
17	Mizoram	17.06
18	Nagaland	21.00
19	Odisha	22.82
20	Punjab	24.00
21	Rajasthan	22.00
22	Sikkim*	17.50
23	Tamil Nadu	24.00
24	Telangana	24.00
25	Tripura	23.50
26	Uttar Pradesh	17.43
27	Uttarakhand	23.90
28	West Bengal	24.00
29	Andaman & Nicobar*	22.40
30	Chandigarh	24.00
31	D&N Haveli	24.00
32	Jammu & Kashmir	15.00
33	Ladakh	23.00
34	New Delhi	24.00
35	Puducherry	24.00
36	Lakshadweep	24.00
	National Average	22.17

Note: *Data was not provided for the month of May, hence, the earlier provided data is incorporated.

ANNEXURE-VI**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 2953 ANSWERED IN THE LOK SABHA ON 05.08.2021**

State-wise Average Hours of Power Supply in a Day in 11 KV Urban Feeders for April 2021

Sl. No.	State name	Average Hours of Power Supply in a Day (HH:MM)
1	Andhra Pradesh	23:53
2	Arunachal Pradesh	22:37
3	Assam	23:39
4	Bihar	23:43
5	Chhattisgarh	23:51
6	Goa	23:38
7	Gujarat	23:57
8	Haryana	23:41
9	Himachal Pradesh	23:45
10	Jammu and Kashmir	22:36
11	Karnataka	23:50
12	Kerala	23:55
13	Madhya Pradesh	23:55
14	Maharashtra	23:56
15	Manipur	23:33
16	Meghalaya	23:55
17	Mizoram	23:51
18	Nagaland	22:27
19	Odisha	23:32
20	Punjab	23:34
21	Rajasthan	23:52
22	Telangana	23:54
23	Tripura	23:54
24	Uttar Pradesh	23:45
25	Uttarakhand	23:33
26	West Bengal	23:50
	National Average	23.36

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.2978
ANSWERED ON 05.08.2021**

FREE ELECTRICITY FOR BPL FAMILIES

2978. SHRI TOPON KUMAR GOGOI:

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

- (a) whether the Government has any provision for the BPL families to get free electric connection for those who were left in the previous scheme of 'Electricity for Everyone'; and
- (b) if so, the details thereof along with the measures taken by the Government in this regard?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Electricity is a concurrent subject and providing free power or subsidy or concession to any category of consumers including industrial consumers is within the purview of the State Government as per Section 65 of Electricity Act, 2003.

However, Government of India launched Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) in December, 2014 for various rural electrification works. Under the scheme free electricity connections were provided to all the BPL households in rural areas. State-wise details are at Annexure-I

Subsequently, Government of India launched the Pradhan Mantri Sahaj Bijli Har Ghar Yojana – Saubhagya in October, 2017 to achieve universal household electrification by providing free electricity connections to all un-electrified households in rural areas and the remaining un-electrified households of economically poor in urban areas across the country.

Under Saubhagya scheme, as on 31.03.2021 all the States have reported 100% electrification of all the willing un-electrified households including BPL families, identified before 31.03.2019. Total 2.817 crore households have been electrified since the launch of Saubhagya, up to 31.03.2021. State-wise details are at Annexure-II.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED
QUESTION NO. 2978 ANSWERED IN THE LOK SABHA ON 05.08.2021**

**State-wise details of free electricity connection to BPL Households under
DDUGJY**

Sl. No.	State	Cumulative achievement as on 31.03.2019
1	Andhra Pradesh	729553
2	Arunachal Pradesh	8291
3	Assam	782370
4	Bihar	3385597
5	Chhattisgarh	163551
6	Gujarat	5060
7	Haryana	5419
8	Himachal Pradesh	43
9	J&K	53666
10	Jharkhand	675174
11	Karnataka	369626
12	Kerala	136193
13	Madhya Pradesh	1047133
14	Maharashtra	386498
15	Manipur	48799
16	Meghalaya	2639
17	Mizoram	1915
18	Nagaland	60701
19	Odisha	1629495
20	Punjab	
21	Rajasthan	410604
22	Sikkim	5271
23	Tamil Nadu	23496
24	Telangana	539306
25	Tripura	82019
26	Uttar Pradesh	2127011
27	Uttarakhand	7251
28	West Bengal	81939
29	Dadra & Nagar Haveli	
30	Puducherry	
Total		12768620

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2978 ANSWERED IN THE LOK SABHA ON 05.08.2021**

State-wise details of electrification of households since launch of Saubhagya including BPL Households

Sl. No.	Name of the States	No. of Households electrified from 11.10.2017 to 31.03.2019	No. of Households electrified from 01.04.2019 to 31.03.2021	Total HHs electrified as on 31.03.2021
1	Andhra Pradesh	1,81,930		1,81,930
2	Arunachal Pradesh	47,089		47,089
3	Assam	17,45,149	2,00,000	19,45,149
4	Bihar	32,59,041		32,59,041
5	Chhattisgarh	7,49,397	40,394	7,89,791
6	Gujarat	41,317		41,317
7	Haryana	54,681		54,681
8	Himachal Pradesh	12,891		12,891
9	Jammu & Kashmir	3,77,045		3,77,045
10	Jharkhand	15,30,708	2,00,000	17,30,708
11	Karnataka	3,56,974	26,824	3,83,798
12	Ladakh	10,456		10,456
13	Madhya Pradesh	19,84,264		19,84,264
14	Maharashtra	15,17,922		15,17,922
15	Manipur	1,02,748	5,367	1,08,115
16	Meghalaya	1,99,839		1,99,839
17	Mizoram	27,970		27,970
18	Nagaland	1,32,507		1,32,507
19	Odisha	24,52,444		24,52,444
20	Puducherry	912		912
21	Punjab	3,477		3,477
22	Rajasthan	18,62,736	2,12,786	20,75,522
23	Sikkim	14,900		14,900
24	Tamil Nadu	2,170		2,170
25	Telangana	5,15,084		5,15,084
26	Tripura	1,39,090		1,39,090
27	Uttar Pradesh	79,80,568	12,00,003	91,80,571
28	Uttarakhand	2,48,751		2,48,751
29	West Bengal	7,32,290		7,32,290
Total		2,62,84,350	18,85,374	2,81,69,724

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO. 2985
ANSWERED ON 05.08.2021**

SURPLUS POWER GENERATION

2985. SHRI THOMAS CHAZHIKADAN:

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

- (a) whether the country has surplus power generation and if so, the details thereof, sector-wise;**
- (b) whether there has been any shortage of power, if so, the names of such States along with the percentage of shortage;**
- (c) the details of power tariff being charged across the country, State-wise;**
- (d) whether the Government has received any proposal for a uniform power tariff throughout the country and if so, the details thereof; and**
- (e) whether the Government has fixed any time line for achieving a uniform power tariff across the country and if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : The present installed generation capacity in the country is around 384 Giga Watt (GW) which is more than sufficient to meet the power demand in the country. The sector-wise details of installed generation capacity are given at Annexure-I. The maximum peak power demand experienced so far was around 200.6 GW on 07.07.2021.

The details along with the percentage of shortage in the States/UTs of the Power Supply Position during the year 2020-21 and the current year 2021-22 (i.e., April, 2021 to June, 2021) are given at Annexure-II. Shortages are due to distribution constraints and power cuts by Distribution Companies.

(c) to (e) : The State-wise details of estimated average tariff of the various consumer categories (based on assumed load and consumption) for the financial year 2019-20 are given at Annexure-III.

The Government has received a proposal from one of the States for a uniform power tariff throughout the country.

Tariff for consumers within each States are determined by the respective State Electricity Regulatory Commission depending upon the various factors like power purchase cost, Aggregate Transmission and Commercial (AT&C) loss, Operation and Maintenance (O&M) expense, consumer mix etc., which varies from State to State. Tariff Policy already provides for uniformity in approach for determination of tariff.

Central Electricity Regulatory Commission (CERC) fixes different tariff rates for different generating companies depending on their capital cost, base fuel price, Gross Calorific Value (GCV), efficiency norms, station heat rate, secondary oil consumption, Plant Load Factor (PLF), varying financial and operational costs, technology of the plant, vintage of the plant etc., such tariff is uniform for all those distribution companies who have a share / Power Purchase Agreement with the said generating company.

The Government is promoting competition through power exchanges. Most of the time there is one rate for the power traded in the power exchanges for all the buyers in the country. Efforts are being made to increase the share of power purchase through power exchanges.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED
QUESTION NO. 2985 ANSWERED IN THE LOK SABHA ON 05.08.2021**

Sector-wise details of installed generation capacity as on 30.06.2021

Sector	Installed Generation Capacity (MW)
Central Sector	96,837
State Sector	1,03,876
Private Sector	1,83,403
TOTAL	3,84,116

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 2985 ANSWERED IN THE LOK SABHA ON 05.08.2021

Details along with the percentage of shortage in the States/UTs of the Power Supply Position during the year 2020-21 and the current year 2021-22 (i.e., April, 2021 to June, 2021)

Power Supply Position during the year 2020-21 and the current year i.e. 2021-22 (April, 2021- June, 2021)								
State / System / Region	April, 2021 - June, 2021				April, 2020 - March, 2021			
	Energy Requirement	Energy Supplied	Energy not Supplied		Energy Requirement	Energy Supplied	Energy not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
Chandigarh	400	400	0	0.0	1,523	1,523	0	0.0
Delhi	7,856	7,854	1	0.0	29,560	29,555	4	0.0
Haryana	13,629	13,609	20	0.1	53,161	53,108	53	0.1
Himachal Pradesh	2,742	2,737	5	0.2	10,186	10,130	56	0.5
UT of J&K and Ladakh	5,086	4,674	412	8.1	19,773	17,222	2,551	12.9
Punjab	15,400	15,344	56	0.4	58,445	58,377	67	0.1
Rajasthan	20,448	20,418	30	0.1	85,311	85,205	106	0.1
Uttar Pradesh	32,788	32,457	331	1.0	124,367	123,383	984	0.8
Uttarakhand	3,543	3,538	5	0.2	13,827	13,818	8	0.1
Northern Region	101,892	101,031	861	0.8	396,151	392,323	3,829	1.0
Chhattisgarh	7,872	7,870	2	0.0	30,472	30,449	22	0.1
Gujarat	30,721	30,721	0	0.0	111,622	111,622	0	0.0
Madhya Pradesh	19,222	19,222	0	0.0	83,437	83,437	0	0.0
Maharashtra	43,707	43,707	0	0.0	150,679	150,663	16	0.0
Daman & Diu	617	617	0	0.0	2,223	2,223	0	0.0
Dadar Nagar Haveli	1,591	1,591	0	0.0	5,497	5,497	0	0.0
Goa	1,143	1,143	0	0.0	4,083	4,083	0	0.0
Western Region	104,872	104,871	2	0.0	388,013	387,975	38	0.0
Andhra Pradesh	17,756	17,746	9	0.1	62,080	62,076	4	0.0
Telangana	16,517	16,516	1	0.0	66,998	66,994	4	0.0
Karnataka	18,274	18,273	1	0.0	68,851	68,831	19	0.0
Kerala	6,489	6,485	4	0.1	25,118	25,102	16	0.1
Tamil Nadu	28,615	28,614	1	0.0	101,194	101,189	5	0.0
Puducherry	761	761	0	0.0	2,644	2,644	0	0.0
Lakshadweep #	15	15	0	0.0	56	56	0	0.0
Southern Region	88,412	88,395	17	0.0	326,885	326,836	48	0.0
Bihar	9,421	9,375	46	0.5	34,171	34,018	153	0.4
DVC	5,819	5,819	0	0.0	21,368	21,368	0	0.0
Jharkhand	2,635	2,577	57	2.2	9,953	9,675	278	2.8
Odisha	9,184	9,184	0	0.0	29,848	29,848	0	0.0
West Bengal	14,674	14,648	26	0.2	51,644	51,543	100	0.2
Sikkim	136	136	0	0.0	546	546	0	0.0
Andaman- Nicobar #	87	81	6	6.7	346	323	23	6.7
Eastern Region	41,869	41,739	129	0.3	147,530	146,999	531	0.4
Arunachal Pradesh	188	188	1	0.3	719	714	5	0.7
Assam	2,697	2,679	19	0.7	10,192	9,815	377	3.7
Manipur	227	226	1	0.4	974	969	5	0.5
Meghalaya	490	477	13	2.7	2,031	2,005	26	1.3
Mizoram	157	155	2	1.3	728	723	4	0.6
Nagaland	206	205	1	0.3	826	822	4	0.5
Tripura*	407	407	0	0.1	1,484	1,481	3	0.2
North-Eastern Region	4,372	4,336	36	0.8	16,955	16,531	424	2.5
All India	341,418	340,372	1,046	0.3	1,275,534	1,270,663	4,871	0.4
# Lakshadweep and Andaman & Nicobar Islands are stand- alone systems, power supply position of these, does not form part of regional requirement and supply.								
* Excludes the supply to Bangladesh.								
Note: Power Supply Position Report has been compiled based on the data furnished by State Utilities/ Electricity Departments. The MU figures have been rounded off to nearest unit place.								

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (e) OF UNSTARRED QUESTION NO. 2985 ANSWERED IN THE LOK SABHA ON 05.08.2021

State-wise details of estimated average tariff of the various consumer categories (based on assumed load and consumption) for the financial year 2019-20

Sl. No.	Name of State/Utility	Tariff effective from (Rs.)	Domestic			Commercial				Agriculture		
			1KW (100 KWh/ Month)	4KW (400 KWh/ Month)	10KW (1000 KWh/ Month)	2KW (300 KWh/ Month)	10KW (1500 KWh/ Month)	30KW (4500 KWh/ Month)	50KW (7500 KWh/ Month)	2HP (400 KWh/ Month)	5HP (1000 KWh/ Month)	10HP (2000 KWh/ Month)
1	Andaman & Nicobar Islands	01.06.2019	225.00	541.25	663.50	816.67	1090.00	1163.33	1178.00	160.00	160.00	160.00
2	Andhra Pradesh	01.04.2019	208.50	491.63	679.50	901.83	1029.83	1057.28	1062.77	250.00 #	250.00 #	250.00 #
3	Arunachal Pradesh	01.06.2018	400.00	400.00	400.00	500.00	500.00	500.00	500.00	310.00	310.00	310.00
4	Assam	01.04.2019	609.00	742.88	804.30	798.00	798.00	929.76	929.76	498.67	498.67	498.67
5	Bihar	01.04.2019	694.30 U	824.15	902.06	863.90 U	910.54	918.31	919.87	579.00	579.00	579.00
			686.35 R			736.70 R						
6	Chandigarh	01.06.2019	294.00	422.13	492.25	592.67	626.67	634.00	635.47	290.00	290.00	290.00
7	Chhattisgarh	01.04.2019	367.20	494.10	732.24	724.27	924.37	946.40	946.40	480.00	480.00	480.00
8	Dadra & Nagar Haveli	01.06.2019	170.00	217.50	273.00	356.67	383.33	387.78	388.67	70.00	70.00	70.00
9	Daman & Diu	01.06.2019	145.00	183.75	220.50	310.00	334.00	338.00	338.80	65.00	65.00	65.00
10	Delhi (BYPL/BRPL/NDPL)	01.08.2019	336.00	406.88	682.50	894.44	1186.11	1186.11	1186.11	206.46	206.46	206.46
11	Delhi (NDMC)	01.08.2019	336.00	406.88	682.50	894.44	894.44	894.44	894.44	206.46	206.46	206.46
12	Goa	01.06.2019	185.00	266.25	358.50	490.00	551.33	563.89	566.33	167.50	167.50	167.50
13	Gujarat	01.05.2019	393.88 U	504.56 U	565.80 U	585.42	585.42	642.36	700.00	160.00	160.00	160.00
			325.19 R	432.69 R	493.96 R							
14	Haryana	01.05.2019	370.00	546.25	720.00	645.00	715.00	776.67	776.67	10.00	10.00	10.00
15	Himachal Pradesh	01.07.2019	478.95	504.06	538.43	597.60	560.16	670.00	670.00	431.75	416.90	411.95
16	Jammu & Kashmir	01.10.2016	191.40	293.98	353.21	401.50	627.73	627.73	627.73	80.85	80.85	80.85
17	Jharkhand	01.04.2019	720.00 U	665.25 U	655.50 U	700.00 U	664.00 U	658.00 U	656.80 U	512.00	512.00	512.00
			615.00 R	601.50 R	600.00 R	638.33 R	631.67 R	630.56 R	630.33 R			
18	Karnataka	01.04.2019	568.69 D	790.10 D	856.64 D	992.87 D	1007.00 D	1009.36 D	1009.83 D	0.00	0.00	0.00
			527.35 F	737.36 F	797.39 F	932.80 F	946.93 F	949.29 F	949.76 F			
19	Kerala	08.07.2019	421.75	879.00	1019.00	860.67	1069.67	1116.33	1116.33	256.73	256.73	256.73
20	Lakshadweep	01.06.2019	155.00	417.50	578.00	791.67	918.33	939.44	943.67	-	-	-
21	Madhya Pradesh	17.08.2019	599.50 U	693.23 U	747.55 U	832.20 U	838.04 U	930.96 U	931.18 U	512.50	566.25	590.63
			577.70 R	688.78 R	743.08 R	809.40 R	815.08 R	900.31 R	900.52 R			
22	Maharashtra	01.04.2019	606.68	953.23	1252.22	1186.77	1263.89	1639.67	1639.67	357.00	357.00	357.00
23	Manipur	01.04.2019	450.00	587.50	631.00	705.00	795.67	810.78	813.80	412.38	412.38	412.38
24	Meghalaya	01.04.2018	425.00	537.50	590.00	769.33	801.33	806.67	807.73	343.30	343.30	343.30
25	Mizoram	01.04.2019	360.00	497.50	535.00	534.17	576.17	583.17	584.57	288.65	288.65	288.65
26	Nagaland	01.04.2019	513.00	615.75	666.30	809.00	893.80	907.93	910.76	310.00	310.00	310.00
27	Odisha	01.06.2019	374.40	496.60	566.80	637.87	718.29	731.70	734.38	153.00	153.00	153.00
28	Puducherry	01.06.2019	190.00	358.75	479.50	668.33	709.67	716.56	717.93	22.50	22.50	22.50
29	Punjab	01.06.2019	603.42	767.55	843.21	834.32	858.72	877.21	877.21	596.64 WS	596.64 WS	596.64 WS
30	Rajasthan	01.02.2020	832.50	830.00	844.50	1021.67	1045.67	1155.22	1157.13	574.00	574.00	574.00
31	Sikkim	01.04.2019	180.00	367.50	447.00	508.33	611.00	708.76	634.20	-	-	-
32	Tamil Nadu	11.08.2017	85.00	470.00	584.00	840.88	883.58	890.69	892.12	0.00	0.00	0.00
33	Telangana	01.04.2018	238.50	668.50	821.00	911.00	1011.00	1034.33	1039.00	257.50 #	253.00 #	251.50 #
34	Tripura	01.11.2014	521.50	755.00	755.00	691.50	768.33	768.33	768.33	366.19	366.19	477.38
35	Uttar Pradesh	12.09.2019	693.00 U	738.94 U	800.63 U	1042.75 U	1218.69 U	1248.31 U	1254.24 U	714.88 U	714.88 U	714.88 U
			446.25 R	574.22 R	659.14 R	670.08 R	670.08 R	670.08 R	670.08 R	252.63 R	252.63 R	252.63 R
36	Uttarakhand	01.04.2019	345.00	453.75	538.00	625.00	625.00	715.00	715.00	210.00	210.00	210.00
37	West Bengal	01.04.2017	630.89 U	843.94 U	941.92 U	880.79 U	1027.09 U	1044.80 U	1048.34 U	487.43	487.43	487.43
			617.07 R	830.79 R	936.66 R	880.06 R	1026.94 R	1044.75 R	1048.31 R			
38	Torrent Power Ltd. (Ahmedabad)	01.05.2019	437.00	503.13	543.95	620.83	637.50	733.33	733.33	330.00	330.00	330.00
39	Torrent Power Ltd. (Surat)	01.05.2019	422.63	475.09	469.49	627.08	627.08	749.77	749.77	70.00	70.00	70.00
40	CESC Ltd. (Kolkata)	01.04.2017	584.32	820.55	927.94	850.72	1019.47	1041.15	1045.49	-	-	-
41	DPSC Ltd. (West Bengal)	01.04.2017	452.21	599.83	638.35	591.53	665.77	660.36	660.36	249.95 ^	249.95 ^	249.95 ^
42	Durgapur Projects Ltd. (W Bengal)	01.04.2016	425.42	530.04	552.36	549.29	599.90	604.17	605.02	179.29 ^	179.29 ^	179.29 ^
43	D.V.C.(A) Jharkhand Area	01.09.2014	-	-	-	-	-	-	-	-	-	-
	(B) West Bengal Area	01.04.2016	-	-	-	-	-	-	-	-	-	-
44	Mumbai (B.E.S.T)	01.09.2019	431.32	657.81	899.61	966.23	848.45	1091.17	1091.17	418.00	418.00	418.00
45	Mumbai(Reliance Energy)	01.04.2019	644.76	906.92	1114.56	1231.22	1113.44	1370.68	1370.68	525.00	525.00	525.00
46	Mumbai (TATA'S)	01.04.2019	618.08	975.94	1398.99	1358.27	1240.49	1203.70	1203.70	-	-	-

Sl. No.	Name of State/Utility	Tariff effective from	Small Industry 10KW (1500 KWh/ Month)	Medium Industry 50KW (7500 KWh/ Month)	Large Industry (11KV) 1000KW 60%L.F. (438000 KWh/ Month)	Heavy Industry (11KV) 10000KW 60%L.F. (4380000 KWh/ Month)	Heavy Industry (33KV) 20000KW 60%L.F. (8760000 KWh/ Month)	Railway Traction 12500KW (25000000 KWh/ Month)
1	Andaman & Nicobar Islands	01.06.2019	733.33	786.67	-	-	-	-
2	Andhra Pradesh	01.04.2019	726.00	726.00	783.31	783.31	735.94	578.95
3	Arunachal Pradesh	01.06.2018	430.00	430.00	385.00	385.00	350.00	-
4	Assam	01.04.2019	602.00	787.29	761.86	761.86	761.86	862.54
			568.75	R				
5	Bihar	01.04.2019	878.62	906.89	863.89	-	852.11	965.78
6	Chandigarh	01.06.2019	511.00	614.33	556.66	556.66	556.66	-
7	Chhattishgarh	01.04.2019	557.92	648.27	1001.21	1001.21	954.54	661.11
8	Dadra & Nagar Haveli	01.06.2019	403.94	454.68	500.68	500.68	-	-
9	Daman & Diu	01.06.2019	366.79	366.79	460.88	460.88	-	-
10	Delhi (BYPL/BRPL/NDPL)	01.08.2019	1098.61	1098.61	943.63	943.63	934.59	835.66
11	Delhi (NDMC)	01.08.2019	1098.61	1098.61	943.63	943.63	934.59	835.66
12	Goa	01.06.2019	464.61	477.94	583.42	583.42	583.42	-
13	Gujarat	01.05.2019	579.33	588.46	550.68	625.98	629.53	600.00
14	Haryana	01.05.2019	645.00	756.67	620.91	620.91	612.41	660.87
15	Himachal Pradesh	01.07.2019	494.02	642.00	649.13	649.13	637.67	826.33
16	Jammu & Kashmir	01.10.2016	399.67	397.47	422.10	422.10	410.45	-
17	Jharkhand	01.04.2019	759.90	759.90	746.07	746.07	731.25	867.94
18	Karnataka	01.04.2019	747.60	860.13	836.30	842.83	843.19	786.76
			696.93	F	807.06	F	819.18	F
19	Kerala	08.07.2019	629.50	758.43	671.25	671.25	671.25	676.67
20	Lakshadweep	01.06.2019	687.04	687.04	958.05	958.05	-	-
21	Madhya Pradesh	17.08.2019	951.93	951.93	789.19	789.19	841.87	762.22
			868.37	R	868.37	R		
22	Maharashtra	01.04.2019	706.81	1009.99	973.27	973.27	906.60	917.22
					1002.78	C	1002.78	C
23	Manipur	01.04.2019	453.33	662.96	758.70	758.70	-	-
24	Meghalaya	01.04.2018	678.33	678.33	787.22	787.08	742.63	-
25	Mizoram	01.04.2019	508.00	522.93	554.10	554.10	-	-
26	Nagaland	01.04.2019	623.33	665.67	719.07	719.91	-	-
27	Odisha	01.06.2019	598.50	615.60	669.21	669.21	644.81	665.88
28	Puducherry	01.06.2019	588.00	581.60	636.47	-	636.47	-
29	Punjab	01.06.2019	741.20	828.67	809.04	825.35	825.35	1006.96
30	Rajasthan	01.02.2020	793.30	867.77	763.49	-	818.62	832.78
31	Sikkim	01.04.2019	621.67	556.86	700.42	700.42	-	-
			460.00	R				
32	Tamil Nadu	11.08.2017	685.13	685.13	759.98	759.98	759.98	801.67
33	Telangana	01.04.2018	721.00	731.00	800.11	799.77	747.12	631.65
34	Tripura	01.11.2014	740.00	764.00	-	-	-	-
35	Uttar Pradesh	12.09.2019	1003.33	1057.08	984.56	984.56	943.74	1270.59
			928.08	R	977.80	R		
36	Uttarakhand	01.04.2019	551.67	604.31	658.46	658.46	658.46	664.71
37	West Bengal	01.04.2017	758.88	895.17	937.72	937.72	931.97	913.00
			739.06	R	867.79	R		
	Torrent Power Ltd. (Ahmedabad)	01.05.2019	561.00	645.33	578.55	578.55	-	-
39	Torrent Power Ltd. (Surat)	01.05.2019	529.83	659.80	623.65	623.64	-	-
40	CESC Ltd. (Kolkata)	01.04.2017	750.00	889.17	853.77	853.77	826.17	746.33
41	DPSC Ltd. (West Bengal)	01.04.2017	520.59	627.25	635.27	635.27	460.47	669.33
42	Durgapur Projects Ltd. (W Bengal)	01.04.2016	533.38	588.72	592.45	592.45	574.05	647.78
								642.78
43	D.V.C.(A) Jharkhand Area	01.09.2014	-	-	-	-	520.13	481.18
	(B) West Bengal Area	01.04.2016	-	-	-	-	616.56	645.88
44	Mumbai (B.E.S.T)	01.09.2019	726.11	943.17	876.99	876.99	-	-
45	Mumbai(Reliance Energy)	01.04.2019	980.78	1228.45	1122.91	1122.91	-	-
46	Mumbai (TATA'S)	01.04.2019	1104.29	1109.31	1097.77	1097.77	-	-

^ TOD tariff from 23:00 hrs to 06:00 hrs for DPSC Ltd. & Durgapur Projects Ltd. respectively in West Bengal.

Note: Electricity duty is of the year 2018-19.

Tariffs notified have varying parameters for various categories of consumers. The above comparison is based on certain assumed loads and electricity consumption levels in a month.

B : General Industry C : Seasonal Industry D : Bangalore, Devangere & Other City Municipal Corp. F : Areas under Village Panchayats U : Urban

R : Rural O : Other Areas

WS: Without Subsidy

For corporate farmers

Tariffs notified have varying parameters for various categories of consumers. The above comparison is based on certain assumed loads and electricity consumption levels in a month
