

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
STARRED QUESTION NO.136
ANSWERED ON 15.03.2022

STATUS OF PM-SAUBHAGYA IN PARBHANI

136. DR. FAUZIA KHAN:

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

- (a) the details of the work undertaken in Parbhani district of Maharashtra under Pradhan Mantri Sahaj Bijli Har Ghar Yojana (PM-SAUBHAGYA), location-wise;
- (b) the number of Gram Sabhas identified in Parbhani district under PM-SAUBHAGYA and the number of locations where work has been completed and the number of locations where work is yet to be completed; and
- (c) the funds sanctioned, released and/or spent for the said purpose during the last three years and the current year, along with the names of agencies which have been provided the said work in Parbhani district, work and village-wise?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.136 ANSWERED IN THE RAJYA SABHA ON 15.03.2022 REGARDING STATUS OF PM-SAUBHAGYA IN PARBHANI

(a) : The 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 willing un-electrified households in rural areas and all willing poor households in urban areas in the country including Parbhani (also known as Prabhavati Nagar) district of Maharashtra. The State of Maharashtra has reported 100% electrification of all the willing un-electrified households in the State, including Parbhani district as on 31.03.2019. Details of works undertaken under Saubhagya Scheme in Parbhani district as reported by State Government of Maharashtra are at **Annexure-I**

(b) : State has reported that in Parbhani district, total 466 numbers of Gram Sabhas have been identified. All the work has been completed under the scheme in Parbhani district. Details of village-wise and town-wise connections released are attached in **Annexure-II**.

(c) : Under the Saubhagya Scheme, projects are sanctioned for the States, based on the un-electrified households data submitted by the respective States; and as such no district-wise sanction/release of funds are made by the Government of India. An amount of Rs. 405.90 crore was sanctioned for the State of Maharashtra for implementing the works under the Saubhagya scheme and Rs. 368.9 crore was sanctioned under DDUGJY for additional Infrastructure in the State including Parbhani district. The amount disbursed during the last three years and current year is as under:

(Rs in crore)

Scheme	Sanctioned Amount	Project cost (as per closure report)	Grant released during 2018-19 to 2021-22 (up to 31.01.2022)					Utilization
			2018-19	2019-20	2020-21	2021-22	Total	
Saubhagya	405.90	363.30	139.60	43.40	-	19.10	202.00	100%
Additional Infra	368.90	313.00	165.47	-	-	21.34	186.82	100%
Total	774.80	676.30	305.07	43.40	-	40.44	388.82	100%

The electrification works under Saubhagya scheme in Parbhani district has been implemented by the Maharashtra State Electricity Distribution Company Limited (MSEDCL) and the State has reported an expenditure of Rs. 4.45 crore. Details of agencies carrying out such works in Parbhani district are at **Annexure-III**.

ANNEXURE REFERRED TO IN PART (a) OF THE STATEMENT LAID IN REPLY TO STARRED QUESTION NO.136 ANSWERED IN THE RAJY SABHA ON 15.03.2022 REGARDING STATUS OF PM-SAUBHAGYA IN PARBHANI

Details of works undertaken under Saubhagya Scheme in Parbani district of Maharashtra are as under:

1. No. of villages – 466
Rural Grid Households:
BPL- 429
Other than BPL – 7577
Total – 8006

2. Urban Grid Households
No. of towns – 7
BPL – 92
Other than BPL – 286
Total – 378

3. Infrastructure
DTC- 46 Nos.
11 KV line – 11.76 km
LT line – 36.82 km

**ANNEXURE REFERRED TO IN PART (b) OF THE STATEMENT LAID IN REPLY TO
STARRED QUESTION NO.136 ANSWERED IN THE RAJY SABHA ON 15.03.2022
REGARDING STATUS OF PM-SAUBHAGYA IN PARBHANI**

PARBHANI CONNECTION UNDER SAUBHAGYA SCHEME

Sl. No.	Circle	Census Code	Village	BPL	Other than BPL	Total
1	PARBHANI	545763	Changephal	0	12	12
2	PARBHANI	546018	Aundha Nagnath	8	19	27
3	PARBHANI	546420	Borkini	0	8	8
4	PARBHANI	546429	Girgaonkh	0	2	2
5	PARBHANI	546430	Girgaonbk	0	6	6
6	PARBHANI	546431	Devgaon (Nandgaon)	0	1	1
7	PARBHANI	546432	Kumbhari (Pargane Charthana)	0	6	6
8	PARBHANI	546435	Raipur	0	5	5
9	PARBHANI	546436	Nirwadi Bk	0	3	3
10	PARBHANI	546438	Both	1	0	1
11	PARBHANI	546440	Chikhalthana Kh	0	3	3
12	PARBHANI	546441	Jawala Jivaji	0	18	18
13	PARBHANI	546443	Sonwati	0	1	1
14	PARBHANI	546445	Moregaon	0	16	16
15	PARBHANI	546449	Pimpri Bk	0	1	1
16	PARBHANI	546451	Salegaon	0	5	5
17	PARBHANI	546452	Kherda Dudhana Kinara	0	5	5
18	PARBHANI	546453	Hatnoor	0	5	5
19	PARBHANI	546455	Pimpalgaon (Gosai)	0	15	15
20	PARBHANI	546456	Rawha	0	1	1
21	PARBHANI	546460	Walour	1	46	47
22	PARBHANI	546462	Rajura	15	16	31
23	PARBHANI	546464	Kanhad	0	2	2
24	PARBHANI	546465	Hatta	0	6	6
25	PARBHANI	546466	Tandulwadi	0	1	1
26	PARBHANI	546468	Kupta	0	13	13
27	PARBHANI	546471	Ambegaon Diger	0	1	1
28	PARBHANI	546472	Sonna	0	5	5
29	PARBHANI	546473	Shelwadi	0	1	1
30	PARBHANI	546474	Gavha	0	1	1
31	PARBHANI	546477	Karajkheda	0	3	3
32	PARBHANI	546479	Sirala	0	3	3
33	PARBHANI	546481	Waki	0	1	1
34	PARBHANI	546482	HadgaonKh	1	26	27
35	PARBHANI	546483	Ravalgaon	22	33	55
36	PARBHANI	546484	Mhalasapur	0	2	2
37	PARBHANI	546485	Kundi	0	3	3
38	PARBHANI	546486	Deulgaon Gat	0	22	22
39	PARBHANI	546487	Gohegaon	0	1	1
40	PARBHANI	546488	Aher Borgaon	0	18	18
41	PARBHANI	546490	Shinde Takli	0	4	4
42	PARBHANI	546491	Male Takli	0	2	2
43	PARBHANI	546492	Dasala	0	25	25
44	PARBHANI	546493	Ladnandra	0	46	46
45	PARBHANI	546495	Radhe Dhamangaon	0	1	1
46	PARBHANI	546498	Tidi Pimpalgaon	0	1	1

47	PARBHANI	546499	Digras Bk	0	10	10
48	PARBHANI	546501	Kajali Rohina	0	9	9
49	PARBHANI	546502	Raja	0	2	2
50	PARBHANI	546504	Brahmangaon P.F.	0	21	21
51	PARBHANI	546505	Dugra	0	1	1
52	PARBHANI	546506	Karadgaon	0	16	16
53	PARBHANI	546507	Kawaddhan	0	4	4
54	PARBHANI	546508	NipaniTakali	0	29	29
55	PARBHANI	546512	Zodgaon	0	1	1
56	PARBHANI	546514	Dhamdham	0	1	1
57	PARBHANI	546515	Wazar Bk	0	8	8
58	PARBHANI	546517	Belkheda	0	1	1
59	PARBHANI	546520	Asola	0	0	0
60	PARBHANI	546521	Kawada	6	38	44
61	PARBHANI	546524	Vadi	0	4	4
62	PARBHANI	546525	Waghi (Dhanora)	0	28	28
63	PARBHANI	546529	Korwadi	1	2	3
64	PARBHANI	546532	Kolapa	1	1	2
65	PARBHANI	546533	Bamani Bk	1	0	1
66	PARBHANI	546538	Kawatha	0	1	1
67	PARBHANI	546547	Pimpalgaon Kajale	2	28	30
68	PARBHANI	546549	Angalgaon Tanda	0	1	1
69	PARBHANI	546551	Mohadi	0	1	1
70	PARBHANI	546552	Jambhrun	0	1	1
71	PARBHANI	546555	Sawargaon	0	8	8
72	PARBHANI	546557	Bhosi	0	13	13
73	PARBHANI	546560	Wadali	0	23	23
74	PARBHANI	546562	Jogawada	0	5	5
75	PARBHANI	546563	Sostanda	0	65	65
76	PARBHANI	546564	Sos	0	1	1
77	PARBHANI	546565	Charthana	0	12	12
78	PARBHANI	546572	Halvira [Harli]	0	1	1
79	PARBHANI	546574	Bhambri	0	5	5
80	PARBHANI	546575	Rajegaon	0	10	10
81	PARBHANI	546580	Saikheda (jintur Circle)	0	1	1
82	PARBHANI	546581	Jamb Bk	0	5	5
83	PARBHANI	546584	Murumkheda	0	4	4
84	PARBHANI	546585	Sawangi [Mhalasa]	7	17	24
85	PARBHANI	546588	Ghadoli	1	1	2
86	PARBHANI	546589	Nilaj	0	6	6
87	PARBHANI	546590	Sawali Bk	4	43	47
88	PARBHANI	546591	Ganeshnagar	7	20	27
89	PARBHANI	546594	Mankeshwar [P.jintur]	0	50	50
90	PARBHANI	546598	Ghewanda	0	1	1
91	PARBHANI	546599	Pungala	3	30	33
92	PARBHANI	546600	Bhilaj	0	22	22
93	PARBHANI	546602	Pangri	0	5	5
94	PARBHANI	546603	Mathala	0	2	2
95	PARBHANI	546604	Balasa	0	1	1
96	PARBHANI	546605	Akoli	0	1	1
97	PARBHANI	546610	Pachalegaon	0	21	21
98	PARBHANI	546615	Kharadadi	0	13	13
99	PARBHANI	546616	Dongartala	0	10	10
100	PARBHANI	546618	Itoli	1	25	26
101	PARBHANI	546620	Digras	2	1	3
102	PARBHANI	546621	Dabha	0	12	12
103	PARBHANI	546622	Gadadgavhan	5	2	7
104	PARBHANI	546634	Bhogaon	11	1	12
105	PARBHANI	546635	Mandhani	1	13	14

106	PARBHANI	546646	Devgaon (Dhanora)	0	7	7
107	PARBHANI	546657	Yesegaon	0	11	11
108	PARBHANI	546661	Bori	1	3	4
109	PARBHANI	546662	Muda	0	21	21
110	PARBHANI	546663	Dohara	0	14	14
111	PARBHANI	546665	Kok	0	15	15
112	PARBHANI	546669	Kausadi	0	10	10
113	PARBHANI	546671	Pimpalgaon [Gayake]	0	0	0
114	PARBHANI	546676	Jawlakh.	0	5	5
115	PARBHANI	546677	Waghi [Bobde]	0	1	1
116	PARBHANI	546685	Kashtagaon	0	1	1
117	PARBHANI	546687	Kumbhari	0	1	1
118	PARBHANI	546690	Govindpur	0	3	3
119	PARBHANI	546694	Arvi	0	9	9
120	PARBHANI	546697	Pedgaon	0	40	40
121	PARBHANI	546698	Bramhapuri tarf pedgaon	0	2	2
122	PARBHANI	546699	Kinhola	0	33	33
123	PARBHANI	546701	Mandakhali	0	10	10
124	PARBHANI	546706	Hasnapur	0	37	37
125	PARBHANI	546707	Tuljapur	0	23	23
126	PARBHANI	546708	Mandwa	0	14	14
127	PARBHANI	546709	Zari	0	26	26
128	PARBHANI	546710	Mirzapur	0	8	8
129	PARBHANI	546711	Sadegaon	0	10	10
130	PARBHANI	546712	Pingli kothala	0	5	5
131	PARBHANI	546713	Jodparli	0	1	1
132	PARBHANI	546714	Takli Bobade	0	13	13
133	PARBHANI	546716	Wadidamai	0	15	15
134	PARBHANI	546717	Pimpla	0	7	7
135	PARBHANI	546718	Jalalpur	0	5	5
136	PARBHANI	546723	Sanpuri	0	0	0
137	PARBHANI	546724	Hingla	0	1	1
138	PARBHANI	546727	Karadgaon	0	3	3
139	PARBHANI	546731	Matakarala	0	42	42
140	PARBHANI	546732	Sambar	0	83	83
141	PARBHANI	546735	Durdi	0	21	21
142	PARBHANI	546736	Murumba	0	40	40
143	PARBHANI	546738	Saba	0	5	5
144	PARBHANI	546739	Nandgaon bk.	0	0	0
145	PARBHANI	546744	Ukhalad	0	137	137
146	PARBHANI	546745	Pimpari deshmukh	0	6	6
147	PARBHANI	546746	Babhali	0	13	13
148	PARBHANI	546747	Tattujawala	0	13	13
149	PARBHANI	546748	Mirkhel	0	0	0
150	PARBHANI	546749	Pingali	0	26	26
151	PARBHANI	546751	Tadlimbla	0	44	44
152	PARBHANI	546755	Pathra	0	15	15
153	PARBHANI	546756	Takli kumbhakarna	0	64	64
154	PARBHANI	546757	Nandkheda	0	2	2
155	PARBHANI	546760	Karegaon	0	0	0
156	PARBHANI	546761	Dharmapuri	0	9	9
157	PARBHANI	546762	Parawa	0	14	14
158	PARBHANI	546763	Jamb	1	25	26
159	PARBHANI	546764	Kaudgaon tarf singanapur	0	17	17
160	PARBHANI	546767	Raipur	15	698	713
161	PARBHANI	546770	Babhulgaon	0	1	1
162	PARBHANI	546771	Sonna	0	57	57
163	PARBHANI	546772	Ujalamba	0	4	4
164	PARBHANI	546773	Narsapur tarf parbhani	0	7	7

165	PARBHANI	546776	Ithalapur Deshmukh	0	1	1
166	PARBHANI	546777	Sayala	0	1	1
167	PARBHANI	546781	Lohagaon	0	16	16
168	PARBHANI	546782	Amadapur	0	2	2
169	PARBHANI	546783	Singnapur	0	25	25
170	PARBHANI	546784	Borwandkh.	0	1	1
171	PARBHANI	546786	Umari	0	10	10
172	PARBHANI	546787	Anandwadi	1	5	6
173	PARBHANI	546788	Tamaswadi	1	1	2
174	PARBHANI	546790	Borwand bk.	0	1	1
175	PARBHANI	546791	Tadpangari	0	18	18
176	PARBHANI	546792	Pegargavhan	0	1	1
177	PARBHANI	546793	Bharaswad	9	13	22
178	PARBHANI	546794	Wadgaon tarf bharaswad	0	21	21
179	PARBHANI	546796	Pokharni	1	53	54
180	PARBHANI	546797	Ambetakli	0	40	40
181	PARBHANI	546801	Sirsi bk.	0	6	6
182	PARBHANI	546802	Thola	0	2	2
183	PARBHANI	546803	Dampuri	0	6	6
184	PARBHANI	546804	Porwad	0	12	12
185	PARBHANI	546806	Indewadi	2	11	13
186	PARBHANI	546807	Bramhapuri tarf pathri	5	2	7
187	PARBHANI	546808	Salapuri	3	4	7
188	PARBHANI	546809	Daithana	1	51	52
189	PARBHANI	546810	Dhondi	2	2	4
190	PARBHANI	546811	Malsonna	4	30	34
191	PARBHANI	546813	Angalgaon	0	7	7
192	PARBHANI	546814	Gogalgaon	0	15	15
193	PARBHANI	546815	Sawangi Magar	0	46	46
194	PARBHANI	546817	Takli Nilwarne	0	1	1
195	PARBHANI	546819	Shevadi Jahagir	0	2	2
196	PARBHANI	546820	Rajura	0	1	1
197	PARBHANI	546821	Kothala	0	25	25
198	PARBHANI	546823	Irlad	0	42	42
199	PARBHANI	546824	Manwat Road	0	7	7
200	PARBHANI	546825	Kolha	0	27	27
201	PARBHANI	546827	Somthana	0	1	1
202	PARBHANI	546828	Manoli	0	4	4
203	PARBHANI	546829	Karanji	0	3	3
204	PARBHANI	546830	Kharba	0	7	7
205	PARBHANI	546832	Rudhi	0	13	13
206	PARBHANI	546833	Kolhawadi	0	1	1
207	PARBHANI	546834	Tad Borgaon	0	8	8
208	PARBHANI	546835	Deulgaon Awachar	0	10	10
209	PARBHANI	546836	Ambegaon Chaharun	0	18	18
210	PARBHANI	546837	Hattalwadi	0	2	2
211	PARBHANI	546838	Ratnapur	0	2	2
212	PARBHANI	546839	Ukkalgaon	0	8	8
213	PARBHANI	546840	Itali	0	7	7
214	PARBHANI	546842	Bondarwadi	0	0	0
215	PARBHANI	546843	Sawali	0	11	11
216	PARBHANI	546844	Sawargaon Kh	0	5	5
217	PARBHANI	546845	Palodi	0	5	5
218	PARBHANI	546846	Sonula	0	2	2
219	PARBHANI	546847	Pimpla	0	10	10
220	PARBHANI	546849	Kekar Jawala	0	45	45
221	PARBHANI	546850	Kinhola Bk	0	25	25
222	PARBHANI	546852	Pohandul	0	9	9
223	PARBHANI	546853	Lohara	0	31	31

224	PARBHANI	546855	Bhosa	0	26	26
225	PARBHANI	546856	Mangrul Bk	0	49	49
226	PARBHANI	546857	Rame Takli	0	7	7
227	PARBHANI	546858	Wazur Bk	0	12	12
228	PARBHANI	546859	WazurKh	0	23	23
229	PARBHANI	546860	Kumbhari (Ganga Kinara)	0	13	13
230	PARBHANI	546861	Wangi	0	3	3
231	PARBHANI	546862	Thar	0	10	10
232	PARBHANI	546863	Hamadapur	0	7	7
233	PARBHANI	546865	Sakharewadi	0	6	6
234	PARBHANI	546866	Rampuri Bk	0	15	15
235	PARBHANI	546867	Hatkarwadi	0	15	15
236	PARBHANI	546868	Dongargaon	0	1	1
237	PARBHANI	546870	Renakhali	0	8	8
238	PARBHANI	546871	Devegaon	14	3	17
239	PARBHANI	546872	Simurgavhan	2	22	24
240	PARBHANI	546873	Zari	0	25	25
241	PARBHANI	546874	Borgavhan	5	9	14
242	PARBHANI	546875	Khedula	0	14	14
243	PARBHANI	546876	SarolaKh	0	12	12
244	PARBHANI	546877	Vadi	0	4	4
245	PARBHANI	546878	Hadgaon Bk	0	40	40
246	PARBHANI	546879	Warkheda	0	50	50
247	PARBHANI	546880	Pathargavhan Kh	0	40	40
248	PARBHANI	546881	Kasapuri	1	65	66
249	PARBHANI	546882	JawalaZute	0	11	11
250	PARBHANI	546883	Nathara	0	20	20
251	PARBHANI	546884	Manjarath	0	39	39
252	PARBHANI	546885	Banegaon	0	36	36
253	PARBHANI	546886	Mardasgaon	0	15	15
254	PARBHANI	546887	Pathargavhan Bk	1	49	50
255	PARBHANI	546888	Gopegaon	0	2	2
256	PARBHANI	546889	Patoda Ganga Kinara	0	1	1
257	PARBHANI	546890	Niwali	0	2	2
258	PARBHANI	546891	RampuriKh	12	8	20
259	PARBHANI	546893	Bandar Wada	0	73	73
260	PARBHANI	546894	Devnandra	1	1	2
261	PARBHANI	546895	PoheTakli	0	1	1
262	PARBHANI	546896	Renapur	31	31	62
263	PARBHANI	546900	Dhalegaon	23	10	33
264	PARBHANI	546903	GunjKh	9	7	16
265	PARBHANI	546905	Takalgavhan	3	1	4
266	PARBHANI	546911	Andhapuri	1	0	1
267	PARBHANI	546915	Daku Pimpri	9	5	14
268	PARBHANI	546917	Limba	0	1	1
269	PARBHANI	546918	Phularwadi	12	11	23
270	PARBHANI	546921	Mudgal	1	0	1
271	PARBHANI	546922	Vita Bk	0	24	24
272	PARBHANI	546924	Wanisangam	0	14	14
273	PARBHANI	546926	Vita Kh.	0	21	21
274	PARBHANI	546927	Waghalgaon (j)	0	20	20
275	PARBHANI	546928	Lasina	1	13	14
276	PARBHANI	546929	Thadiukkadgaon	0	0	0
277	PARBHANI	546930	Wadi Pimpalgaon	1	5	6
278	PARBHANI	546931	Thadi Pimpalgaon	0	7	7
279	PARBHANI	546934	Lohigram	0	2	2
280	PARBHANI	546936	Sirsi Bk.	0	7	7
281	PARBHANI	546939	ShelgaonHatkar	0	31	31
282	PARBHANI	546941	Shelgaon Maratha	1	20	21

283	PARBHANI	546942	Gauli Pimpri	0	5	5
284	PARBHANI	546943	Khapat Pimpri	0	11	11
285	PARBHANI	546945	Dighol Islampur	0	27	27
286	PARBHANI	546948	Kanhegaon	0	12	12
287	PARBHANI	546951	Saikheda	0	51	51
288	PARBHANI	546958	Chukar Pimpri	1	13	14
289	PARBHANI	546961	Mohala	0	5	5
290	PARBHANI	546962	Pohandul	0	12	12
291	PARBHANI	546964	Tiwathana	2	23	25
292	PARBHANI	546967	Naikota	0	2	2
293	PARBHANI	546968	Bondargaon	0	17	17
294	PARBHANI	546969	Dhamoni	0	27	27
295	PARBHANI	546975	Karam	0	6	6
296	PARBHANI	546976	Ukkadgaon Makta	0	35	35
297	PARBHANI	546977	Ukhali Bk.	1	39	40
298	PARBHANI	546979	Buktarwadi	0	8	8
299	PARBHANI	546981	Dharasur	0	41	41
300	PARBHANI	546982	Rumna Jawla	0	14	14
301	PARBHANI	546984	Sayala Sunegaon	0	24	24
302	PARBHANI	546985	Sunegaon Sayala	0	2	2
303	PARBHANI	546986	Khali	0	20	20
304	PARBHANI	546988	Mairal Sawangi	0	20	20
305	PARBHANI	546989	Gaundgaon	0	10	10
306	PARBHANI	546990	Chinchtakli	0	2	2
307	PARBHANI	546991	Dusalgaon	0	14	14
308	PARBHANI	546992	Muli	0	3	3
309	PARBHANI	546994	Masla	0	2	2
310	PARBHANI	546996	Pimpri Zola	0	73	73
311	PARBHANI	546998	Dharkhed	0	16	16
312	PARBHANI	547000	Mahatpuri	0	95	95
313	PARBHANI	547001	Anandwadi	0	36	36
314	PARBHANI	547002	Shankarwadi	0	6	6
315	PARBHANI	547004	Iralad	0	0	0
316	PARBHANI	547005	Narlad	0	1	1
317	PARBHANI	547006	Gopa	0	7	7
318	PARBHANI	547007	Waghalgaon Gopa	0	34	34
319	PARBHANI	547008	Malewadi	0	18	18
320	PARBHANI	547011	Kaudgaon	0	1	1
321	PARBHANI	547012	Banpimpla	0	1	1
322	PARBHANI	547014	Shivaji Nagar	0	0	0
323	PARBHANI	547015	Suralwadi	0	8	8
324	PARBHANI	547016	Padegaon	0	10	10
325	PARBHANI	547018	Shendga	0	50	50
326	PARBHANI	547019	Harangul	0	18	18
327	PARBHANI	547020	Khadgaon	0	30	30
328	PARBHANI	547021	Margalwadi	0	1	1
329	PARBHANI	547025	Bhendewadi	0	4	4
330	PARBHANI	547026	Akoli	0	14	14
331	PARBHANI	547027	Pokharni Walkya	0	41	41
332	PARBHANI	547028	Dhangar Moha	0	32	32
333	PARBHANI	547029	UkhaliKh.	0	5	5
334	PARBHANI	547030	Mankadevi	0	40	40
335	PARBHANI	547032	Dongargaon Shelgaon	0	31	31
336	PARBHANI	547033	Makhani	0	41	41
337	PARBHANI	547034	Sirsam Shegaon	0	33	33
338	PARBHANI	547036	Dongarpimpla	0	17	17
339	PARBHANI	547037	Kodri	0	18	18
340	PARBHANI	547038	Anand Nagar	0	1	1
341	PARBHANI	547041	Antarweli	0	18	18

342	PARBHANI	547042	Katkarwadi	0	7	7
343	PARBHANI	547043	Tandulwadi	0	23	23
344	PARBHANI	547044	Shelmoha	0	33	33
345	PARBHANI	547045	Kadyachiwadi	0	15	15
346	PARBHANI	547046	Sanglewadi	0	4	4
347	PARBHANI	547048	Isad	0	11	11
348	PARBHANI	547051	Arbujwadi	0	4	4
349	PARBHANI	547052	Khandali	0	5	5
350	PARBHANI	547053	Ilegaon	0	23	23
351	PARBHANI	547054	Masanerwadi	0	7	7
352	PARBHANI	547057	Bothi	0	3	3
353	PARBHANI	547058	Gunjegaon	0	15	15
354	PARBHANI	547061	Pandhargaon	0	2	2
355	PARBHANI	547062	Wagdara	0	20	20
356	PARBHANI	547063	Khokalewadi	0	9	9
357	PARBHANI	547064	Supa (khalsa)	0	5	5
358	PARBHANI	547065	Suppa Tanda	0	0	0
359	PARBHANI	547067	Supa (jagir)	0	2	2
360	PARBHANI	547069	Ghatangra Tanda	0	0	0
361	PARBHANI	547070	Ghantagra	0	33	33
362	PARBHANI	547071	Ranisawargaon	0	14	14
363	PARBHANI	547073	Pangri	0	6	6
364	PARBHANI	547075	Umbarwadi	0	0	0
365	PARBHANI	547078	Dampuri	0	20	20
366	PARBHANI	547079	Kundgirwadi	0	1	1
367	PARBHANI	547080	Nilanaik Tanda	0	0	0
368	PARBHANI	547081	Borda	0	39	39
369	PARBHANI	547083	Pimpaldari	0	34	34
370	PARBHANI	547084	Wagdari	0	9	9
371	PARBHANI	547088	Raorajur	0	1	1
372	PARBHANI	547094	Phala	3	15	18
373	PARBHANI	547095	Pharkanda	2	2	4
374	PARBHANI	547097	Barbadi	0	38	38
375	PARBHANI	547099	Pimpalgaon {M}	2	12	14
376	PARBHANI	547101	Rahati	0	2	2
377	PARBHANI	547103	Gunj	1	47	48
378	PARBHANI	547104	Parwa	0	1	1
379	PARBHANI	547105	Kharab Dhanora	1	32	33
380	PARBHANI	547106	Sheikh Rajura	0	0	0
381	PARBHANI	547108	Wadi (kh)	0	2	2
382	PARBHANI	547109	Gulkhand	2	1	3
383	PARBHANI	547112	Sirpur	0	1	1
384	PARBHANI	547113	Sayala (palam)	2	13	15
385	PARBHANI	547116	Ajamabad	13	6	19
386	PARBHANI	547118	Puyani	1	0	1
387	PARBHANI	547119	Palam	8	37	45
388	PARBHANI	547120	Anjanwadi	0	1	1
389	PARBHANI	547123	Selu	0	2	2
390	PARBHANI	547125	PenduKh.	10	24	34
391	PARBHANI	547126	Pendu Bk.	4	68	72
392	PARBHANI	547129	Peth Pimpalgaon	6	5	11
393	PARBHANI	547130	Teljapur	1	0	1
394	PARBHANI	547131	Adgaon	0	2	2
395	PARBHANI	547133	Navhalgaon	0	16	16
396	PARBHANI	547134	Vanbhujwadi	4	4	8
397	PARBHANI	547135	Anandwadi	2	9	11
398	PARBHANI	547136	Chatori	2	17	19
399	PARBHANI	547137	Navha	1	25	26
400	PARBHANI	547140	Khoras	0	2	2

401	PARBHANI	547141	Tambulgaon	1	16	17
402	PARBHANI	547142	Sadlapur	2	27	29
403	PARBHANI	547144	Mutkhed	0	16	16
404	PARBHANI	547145	Umra	0	21	21
405	PARBHANI	547147	Konerwadi	9	11	20
406	PARBHANI	547148	Borgaon Bk.	8	30	38
407	PARBHANI	547150	Ukkadgaon Jagir	14	21	35
408	PARBHANI	547151	Warkhed	0	2	2
409	PARBHANI	547153	Chorwad	0	14	14
410	PARBHANI	547154	Pokharni Devi	2	9	11
411	PARBHANI	547157	Sirsam (palam)	1	7	8
412	PARBHANI	547158	Mozamabad	0	1	1
413	PARBHANI	547159	Banwas	5	30	35
414	PARBHANI	547160	Girdharwadi	1	1	2
415	PARBHANI	547161	Fattunaik Tanda	0	5	5
416	PARBHANI	547163	Ramapur	17	1	18
417	PARBHANI	547165	Tandulwadi	16	70	86
418	PARBHANI	547166	Mahadewadi	4	1	5
419	PARBHANI	547168	Sadgirwadi	0	6	6
420	PARBHANI	547169	Yerndeshwar	0	22	22
421	PARBHANI	547181	Suhagan	0	21	21
422	PARBHANI	547182	Avhai	0	74	74
423	PARBHANI	547183	Pimpalalokhande	0	26	26
424	PARBHANI	547185	Barbadi	0	73	73
425	PARBHANI	547188	Wai tarflasina	0	0	0
426	PARBHANI	547189	Lon kh.	0	28	28
427	PARBHANI	547194	Sonkhed	0	10	10
428	PARBHANI	547199	Chudawa	0	17	17
429	PARBHANI	547201	Kalmula	0	8	8
430	PARBHANI	547202	Pimpran	0	7	7
431	PARBHANI	547203	Alegaon	0	1	1
432	PARBHANI	547204	Changephal	0	1	1
433	PARBHANI	547207	Kawalgaon	0	27	27
434	PARBHANI	547208	Kaulgaonwadi	0	33	33
435	PARBHANI	547210	Penur	0	1	1
436	PARBHANI	547211	Dhanoramotya	0	42	42
437	PARBHANI	547213	Suki	0	8	8
438	PARBHANI	547214	Mamdapur	0	8	8
439	PARBHANI	547216	Kanhegaon	0	2	2
440	PARBHANI	547218	Ganpur	0	14	14
441	PARBHANI	547221	Khujada	0	36	36
442	PARBHANI	547224	Kanadkheda	0	93	93
443	PARBHANI	547225	Adgaonlasina	0	10	10
444	PARBHANI	547227	Ajdapur	0	9	9
445	PARBHANI	547228	Nila	0	202	202
446	PARBHANI	547229	Kantheshwar	0	13	13
447	PARBHANI	547231	Pimpalgaon Sarangi	0	16	16
448	PARBHANI	547233	Dhangartakli	0	4	4
449	PARBHANI	547234	Pimpalgaonlikha	0	1	1
450	PARBHANI	547241	Kamlapur	0	11	11
451	PARBHANI	547242	Dastapur	0	15	15
452	PARBHANI	547244	Limla	0	14	14
453	PARBHANI	547245	Manjalapur	0	6	6
454	PARBHANI	547248	Mahagaon	0	52	52
455	PARBHANI	547252	Dagadwadi	0	1	1
456	PARBHANI	547254	Wazur	0	19	19
457	PARBHANI	547256	Deulgaon Dhudhate	0	7	7
458	PARBHANI	548770	Jogwada	0	1	1

459	PARBHANI	559551	Adgaon	0	9	9
460	PARBHANI	566088	Dattawadi	0	0	0
461	PARBHANI	566844	Ambegaon	0	0	0
462	PARBHANI	567028	Masnoli	0	0	0
463	PARBHANI	568382	Kanegaon	0	0	0
464	PARBHANI	568724	Savali	0	0	0
465	PARBHANI	568775	Kerewadi	0	0	0
466	PARBHANI	546743	Dhangarwadi	5	0	5
467	PARBHANI	802757	Gangakhed (M Cl)	0	1	1
468	PARBHANI	802751	Sailu (M Cl)	9	115	124
469	PARBHANI	802752	Jintur (M Cl)	58	46	104
470	PARBHANI	802756	Sonpeth (M Cl)	1	34	35
471	PARBHANI	802754	Manwath (M Cl)	1	17	18
472	PARBHANI	802755	Pathri (M Cl)	23	45	68
473	PARBHANI	802758	Purna (M Cl)	0	28	28
Total				521	7863	8384

ANNEXURE-III

**ANNEXURE REFERRED TO IN PART (c) OF THE STATEMENT LAID IN REPLY TO
STARRED QUESTION NO.136 ANSWERED IN THE RAJY SABHA ON 15.03.2022
REGARDING STATUS OF PM-SAUBHAGYA IN PARBHANI**

Agencies carrying out works under Saubhagya Scheme in Parbhani district of Maharashtra:

Sr. No.	Name of Agency
1	Vedika Electricals, Aurangabad
2	Mardeshwar Electricals, Parbhani
3	Rachana Electricals, Parbhani
4	Maharaja Electricals, Parbhani
5	V.B. Tech Infra, Parbhani
6	Radhika Multiservices, Parbhani
7	Indrayanidevi Multiservices, Parbhani
8	Lokraja Multiservices, Parbhani
9	Tulsi Electroinfra, Jintur
10	Yogesh Electricals, Parbhani
11	Imerila Construction, Parbhani
12	Ratneshwar Electricals, Parbhani
13	B G Deshmukh Electricals, Parbhani

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
STARRED QUESTION NO.143
ANSWERED ON 15.03.2022

CONSUMPTION OF COAL

143 # MS. SAROJ PANDEY:

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

- (a) the consumption of coal in metric ton every year in the country to meet the energy needs of the country;
- (b) the percentage of this consumption which is produced in the country and which is imported; and
- (c) the steps taken by Government to increase the production of coal in the country and to reduce its dependence on imports?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.143 ANSWERED IN THE RAJYA SABHA ON 15.03.2022 REGARDING CONSUMPTION OF COAL

(a) & (b) : The total coal consumption by the thermal power plants in the country as well as consumption of domestic coal and imported coal as a percentage of total consumption during last 5 years and current year 2021-22 (Apr-Jan) is as under:

Period	Domestic Coal Consumption (MT)	Imported Coal Consumption (MT)	Total Consumption (MT)	Domestic coal consumption as a percentage of total consumption (%)	Imported coal consumption as a percentage of total consumption (%)
2016-17	508.2	66.1	574.3	88.5%	11.5%
2017-18	551.1	56.9	608.0	90.6%	9.4%
2018-19	567.0	61.9	628.9	90.2%	9.8%
2019-20	553.5	68.7	622.2	89.0%	11.0%
2020-21	568.7	46.7	615.4	92.4%	7.6%
2021-22 (Apr-Jan)	550.2	22.9	573.1	96.0%	4.0%

(MT: Million Tonnes)

(c) : The following steps have been taken by the Government to boost coal production in the country :

- (i)** Commercial Auction of coal on revenue share mechanism: Auction of commercial mining on Revenue Sharing Mechanism was launched on 18.06.2020. Under this scheme, total of 2 tranches have been successfully completed. From these two tranches total of 28 coal mines have been successfully auctioned for which vesting order have been signed for 27 coal mines.
- (ii)** Allowed sale of excess coal production: The Ministry of Coal has amended Mineral Concession Rules, 1960 with a view to allowing sale of coal or lignite, on payment of additional amount, by the lessee of a captive mine up to 50 percent of the total coal or lignite produced in a financial year, after meeting the requirement of the end use plant linked with the mine. Earlier this year, the Mines and Minerals (Development & Regulation) Act had been amended to this effect. This is applicable for both the private and public sector captive mines. With this amendment, the Government has paved the way for releasing of additional coal in the market by greater utilization of mining capacities of captive coal and lignite blocks, which were being only partly utilized owing to limited production of coal for meeting their captive needs.
- (iii)** Rolling auction: In order to expedite the process for conducting auctions and to carryout more rounds of auction in a year, a mechanism of rolling auctions of coal mines has been planned. Under this mechanism, upon completion of the electronic auction process of a tranche, the next tranche of auction would be launched for following mines:
 - (a) Mines where no bid or only single bid was received in the previous tranche of auction (except for those mines where Ministry of Coal decides to go for second attempt of auction).
 - (b) New mines, if any, identified by Ministry of Coal.

- (iv) Single Window Clearance: The Government has already launched Single Window Clearance portal on 11.01.2021 for the coal sector to speed up the operationalisation of coal mines. It is a unified platform that facilitates grant of clearances and approvals required for starting a coal mine in India. Now, the complete process shall be facilitated through Single Window Clearance Portal, which will map not only the relevant application formats, but also process flow for grant of approval or clearances.
- (v) Coal India Ltd. (CIL) has envisaged a coal production programme of one Billion Tonne from CIL mines. CIL has taken the following steps to achieve the target of augmentation of coal production capacity:
1. 15 Projects identified with a Capacity of about 160 MTPA (Million Tonnes per Annum) to be operated by Mine Developer cum Operator mode.
 2. Capacity addition through special dispensation in Environment Clearance under clause 7(ii) of Environmental Impact Assessment (EIA) 2006.
 3. CIL has taken steps to upgrade the mechanized coal transportation and loading system under 'First Mile Connectivity' projects.

In addition to increasing domestic coal supply, the following steps have been taken to reduce the import of coal:

1. An Inter - Ministerial Committee (IMC) has been constituted in the Ministry of Coal for the purpose of coal import substitution. The representatives from Ministry of Power, Ministry of Railways, Ministry of Shipping, Ministry of Commerce, Ministry of Steel, Ministry of Micro, Small & Medium Enterprises (MSME), Department for Promotion of Industry & Internal Trade (DPIIT), Central Electricity Authority (CEA), Coal Companies and Ports are members of this IMC. This Committee provides a platform for discussions on a larger forum with the Administrative Ministries so as to guide them to encourage the coal consumers of their respective sector to eliminate imports of coal. On the directions of the IMC, an Import Data System has been developed by Ministry of Coal to enable the Ministry to track the imports of coal.
2. The Annual Contracted Quantity (ACQ) of power plants has been increased upto 100% of the normative requirement, in the cases where the ACQ was reduced to 90% of normative requirement (non-coastal) or where the ACQ was reduced to 70% of normative requirement (coastal power plants). The increase in ACQ would ensure supply of more domestic coal to the power plants.
3. In addition to the above, some other measures like Introduction of Facility of Usance LC (Letter of Credit) payment mechanism to help the consumer avail credit facility from bank, Special Spot auction scheme for the coal importers including the traders, have been introduced to help in curtailing the imports of coal. With the concerted efforts of various stakeholders, the import of coal for blending purposes by the domestic coal based power plants in the country has been reduced.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1592
ANSWERED ON 15.03.2022

CONSUMER RIGHTS IN POWER SECTOR

1592 # SHRI RAM SHAKAL:

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

- (a) whether Government admits that the consumer rights in power sector has not been defined till now, and due to this they had to face many hardships in the tasks like obtaining connection, increasing or decreasing load, correction of incorrect bills, changing meters etc.;
- (b) if so, whether rules related to consumer rights in power sector have been implemented; and
- (c) 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 (c): Part VI of the Electricity Act, 2003 provides for Consumer protection: Standards of performance. Section 57 of the Electricity Act, 2003 states:

“(1) The Appropriate Commission may, after consultation with the licensees and persons likely to be affected, specify standards of performance of a licensee or a class of licensees.

(2) If a licensee fails to meet the standards specified under subsection (1), without prejudice to any penalty which may be imposed or prosecution be initiated, he shall be liable to pay such compensation to the person affected as may be determined by the Appropriate Commission: Provided that before determination of compensation, the concerned licensee shall be given a reasonable opportunity of being heard.

(3) The compensation determined under sub-section (2) shall be paid by the concerned licensee within ninety days of such determination.”

In order to make its implementation more effective, Ministry of Power notified Electricity (Rights of Consumers) Rules, 2020 on 31.12.2020 under Electricity Act, 2003. These rules emanate from the conviction that the power systems exist to subserve the interests of consumers and protect their rights to get the reliable services and quality electricity.

Implementation of these Rules shall ensure that new electricity connections, refunds and other services are given in a time bound manner. Wilful disregard to consumer rights would result in levying penalties on service providers. The rules have become operational w.e.f. date of notification i.e. 31.12.2020.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1593
ANSWERED ON 15.03.2022

IMPROVEMENT IN ELECTRICAL LOAD SHEDDING

1593 # SHRI REWATI RAMAN SINGH:

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

- (a) the improvement registered in terms of percentage, in load shedding of electricity in the country particularly in Uttar Pradesh in 2021-22 as compared to the year 2020-21;
- (b) whether it is a fact that the capacity of installed power plants in the country is becoming capable of meeting the peak demand;
- (c) the steps being taken by Government to improve the production of power companies in the year 2022; and
- (d) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The gap between the Energy Requirement and Energy Supplied in the country and Uttar Pradesh, from the year 2013-14 to 2021-22 (period April, 2021 to February, 2022), is given at **Annexure**. In terms of percentage the gap in Uttar Pradesh has reduced from 14.0% in 2013-14 to 0.9% in 2021-22; and this gap is also not because of shortage of electricity but because of local system constraints.

(b) : The country has an Installed Capacity of 395.61 GW as on 28.02.2022 which is adequate to meet the Peak Demand. During the year 2021-22, the country had experienced a Peak Demand of around 203 GW.

(c) & (d) : The increasing demand of power in the country is being met with commensurate increase in power generation. A generation capacity of 15,978.84 MW has been added during the year 2021-22 (up to 28.02.2022) which includes 3,825 MW of Thermal, 213 MW of Hydro (above 25 MW capacity) and 11,940.84 MW from other renewable energy sources.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1593 ANSWERED IN THE RAJYA SABHA ON 15.03.2022

The details of Power Supply Position of the country and Uttar Pradesh, in terms of Energy from the year 2013-14 and 2021-22 (Upto February, 2022)

Year	Uttar Pradesh				All India			
	Energy Requirement	Energy Supplied	Energy Not Supplied		Energy Requirement	Energy Supplied	Energy Not Supplied	
	(MU)	(MU)	(MU)	(%)	(MU)	(MU)	(MU)	(%)
2013-14	94,890	81,613	13,277	14.0	10,02,253	9,59,825	42,428	4.2
2014-15	1,03,179	87,062	16,117	15.6	10,68,923	10,30,785	38,138	3.6
2015-16	1,06,350	93,033	13,317	12.5	11,14,408	10,90,851	23,557	2.1
2016-17	1,07,569	1,05,700	1,869	1.7	11,42,929	11,35,334	7,595	0.7
2017-18	1,20,052	1,18,303	1,749	1.5	12,13,326	12,04,697	8,629	0.7
2018-19	1,17,133	1,16,149	984	0.8	12,74,595	12,67,526	7,070	0.6
2019-20	1,22,549	1,21,004	1,545	1.3	12,91,010	12,84,444	6,566	0.5
2020-21	1,24,367	1,23,383	984	0.8	12,75,534	12,70,663	4,871	0.4
2021-22 (Upto February 2022)*	1,18,536	1,17,441	1,095	0.9	12,51,314	12,46,170	5,144	0.4

* Provisional

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1594
ANSWERED ON 15.03.2022

POWER LINES THROUGH MOLLEM WILD LIFE SANCTUARY, GOA

1594 SHRI LUIZINHO JOAQUIM FALEIRO:

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

- (a) the status of Goa-Tamnar power transmission project through Mollem Wild life Sanctuary;
- (b) whether the said project will be shelved or will the project be realigned as suggested by the Supreme Court Empowered Committee;
- (c) the quantum of power supplied, sought to be increased with the augmentation of this power line through Mollem Wild Life Sanctuary; and
- (d) the total power needs of Goa projected in 2027 and in 2032?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : No transmission element of Goa-Tamnar power transmission project is passing through/located in Mollem National Park. However one of the elements of the project, namely, LILO of one circuit of Narendra (Existing) - Narendra (New) 400kV D/C Quad line at Xeldem, is proposed to pass through Bhagwan Mahaveer Wildlife Sanctuary (2.51 km), which is located in Mollem in Goa.

Central Empower Committee (CEC), constituted by the Hon'ble Supreme Court, in its report submitted to the Honorable Supreme Court on April 23, 2021 has recommended to take the proposed transmission line (namely LILO of one ckt of Narendra (Existing) - Narendra (New) 400kV D/C Quad line at Xeldem) utilizing the route corridor of the existing 220 kV Ambewadi Ponda D/C line corridor of Goa, after constructing Xeldem New (Sangod) S/S-Mapusa 400 kV transmission line and 220 kV Xeldem New (Sangod)-Xeldem transmission line.

Presently, the work is held up in the above section of the line, pending decision of Hon'ble Supreme Court.

(c) : Goa-Tamnar power transmission project includes implementation LILO of one ckt of Narendra (Existing) - Narendra (New) 400kV D/C Quad line at Xeldem. Capacity of the link is 1600 MW. This line along with 400kV line from Mapusa to Xeldem New (Sangod) S/S would provide increased reliability to Goa system. Implementation of LILO of one ckt of Narendra (Existing) - Narendra (New) 400kV D/C Quad line at Xeldem would provide a second 400kV feed to Goa in addition to the existing Kolhapur – Mapusa 400 kV D/C link (to be extended to Xeldem New (Sangod) S/S) with the national grid. This link would enable Goa to meet their load even in case of outage of one of the existing 400 kV line.

(d) : The 19th Electric Power Survey (EPS) report, published in January 2017, covers electricity demand projection for the year 2016-17 to 2026-27 as well as perspective electricity demand projection for the year 2031-32 and 2036-37 for each State/UT. The present load of Goa is around 646 MW. The estimated peak electricity demand of Goa for the year 2026-27 and 2031-32 is expected to be around 1096 MW and 1361 MW respectively.

The estimated electrical energy requirement (ex bus) of Goa for the year 2026-27 and 2031-32 would be around 6932 MU and 8170 MU respectively.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1595
ANSWERED ON 15.03.2022

VARIOUS POWER PROJECTS IN THE COUNTRY

1595 # DR. KIRODI LAL MEENA:

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

- (a) whether Ministry has issued a State/Union territory-wise list of the current/upcoming projects of thermal power/atomic/solar/hydro power across the country, if so, the details thereof;
- (b) the details regarding commencement of projects in the country;
- (c) the project-wise details of the funds allocated across the country; and
- (d) State/Union Territory-wise details of the projects withdrawn, especially from Rajasthan?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d) : Generation is a delicensed activity under Electricity Act 2003. Electricity Generation projects are set up by various utilities including State / Central Public Sector Undertakings keeping in view the demand for power and techno-commercial viability. No funds are allocated by the Central Government in this regard except for some specific Power Projects in strategic locations. Details of current / upcoming projects available with Central Electricity Authority (CEA) are as under:

Current (Installed Capacity as on 28.02.2022)

(In MW)

Fuel	Installed Capacity
Thermal	235928.72
Nuclear	6780.00
Renewable (including Large Hydro Projects)	152899.15
Total	395607.87

Upcoming / Under construction Projects

(In MW)

Fuel	Capacity
Thermal	28,460
Nuclear	15,700
Renewable (including Large Hydro Projects)	72,606
Total	1,16,766

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1596
ANSWERED ON 15.03.2022

ELECTRICITY PRODUCED BY COAL-FIRED POWER PLANTS

1596 SHRI JOSE K. MANI:

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

- (a) whether Government has the data regarding total electricity produced by coal-fired power plants in the country during the last three years, if so, the details thereof;
- (b) whether Government has noticed a decrease in the coal-fired electricity produced in the country during the year 2021, if so, the details thereof; and
- (c) whether Government has any plans to reduce its dependence on coal-fired power plants for electricity generation in the near future, if so, the details of the action taken in this regard?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Details of electricity produced by coal-fired power plants in the country during the last three years and current year (Up to Feb. 2022) are given in the table given below:

Financial Year (FY)	Coal Generation in Million Units (MU)
2018-19	987681.83
2019-20	961218.23
2020-21	950937.55
2020-21 (Up to Feb. 21)	850890.95
2021-22 (Up to Feb. 22)	938363.39

It may be seen from the table that there was a decrease in the coal-fired electricity produced in the country during the Financial Year (FY) 2020-2021 as compared to previous year 2019-2020 due to covid-19 pandemic. However, coal-fired generation has increased during the current year 2021-2022 (upto February, 2022) as compared to same period previous year.

(c) : As on 06.03.2022, coal based generation capacity is 203,889.5 MW out of total capacity of 395,592.86 MW i.e. about 52%. As per Optimal Generation Capacity Mix projections for 2029-30 prepared by Central Electricity Authority (CEA), capacity for coal based thermal projects would be about 267 GW in 2030 out of total projected capacity of 817 GW i.e. about 32% due to corresponding increase in non-fossil fuel based electricity generation capacity.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1597
ANSWERED ON 15.03.2022

POWER GENERATION THROUGH COAL POWER PLANTS

1597 SMT. PRIYANKA CHATURVEDI:

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

- (a) the total power generated through coal plants in the country, the State-wise distribution thereof;
- (b) the total power generated in the country through imported coal, both high and low gross calorific value, the State-wise distribution thereof;
- (c) whether the reduction in import of coal, especially non-cooking coal would impact the generation of power; and
- (d) whether a sustainable substitute for non-cooking coal has been made available for the generation of power?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

- (a) : The State-wise details of total power generated through coal plants in the country during the last three years and current year (Up to February, 2022) are given at **Annexure-I**.
- (b) : The State-wise details of total power generated in the country through imported coal, both high & low gross calorific value during the last three years and current year (Up to February, 2022) are given at **Annexure-II**.
- (c) : As per the information compiled by Central Electricity Authority (CEA), the import of coal reduced to 22.7 MT during 2021-22 (April-January) as against 39.0 MT during same period last year mainly due to high imported coal price in international market. The shortfall in imported coal has been compensated through enhanced supply of domestic coal i.e. from 442.6 MT during 2020-21 (April-January) to 547.2 MT during 2021-22 (April-January). Thus, the generation loss due to reduction in import of coal has been compensated from higher generation from domestic coal based plants.
- (d) : We aim to achieve 500 GW installed capacity from non-fossil fuel based capacity (Hydro, Nuclear, Solar PV, Wind, Biomass etc.) by 2030. This will reduce the pressure on coal based generation to a large extent.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1597 ANSWERED IN THE RAJYA SABHA ON 15.03.2022

Details of power generated through coal plants (State-wise) during the last three years and current year (Up to Feb, 2022)

Region	State	Fuel	Name of stations	Monitored Capacity as on 28.02.2022 MW	GENERATION(MUs)				
					*2021-22 (upto-Feb, 22) MU	2020-21	2019-20	2018-19	
NR	DELHI	COAL	BADARPUR TPS	-	-	-	0	1400.33	
	HARYANA	COAL	INDIRA GANDHI STPP	1500	6217.36	3654.73	3842.82	7387.28	
		COAL	MAHATMA GANDHI TPS	1320	7356.31	4873.03	5888.87	6898.35	
		COAL	PANIPAT TPS	710	2301.92	1218.49	1972.8	3378.89	
		COAL	RAJIV GANDHI TPS	1200	2355.21	1636.91	2316.12	3852.19	
		COAL	YAMUNA NAGAR TPS	600	2197.29	2611.42	2741.24	3321.63	
	PUNJAB	COAL	GH TPS (LEH.MOH.)	920	1708.49	905.76	915.99	2485.15	
		COAL	GOINDWAL SAHIB TPP	540	1722.82	1282.71	1312.74	2445.49	
		COAL	RAJPURA TPP	1400	8792.23	7951.49	8757.21	9123.71	
		COAL	ROPAR TPS	840	1399.18	883.52	1051.62	1669.99	
	RAJASTHAN	COAL	TALWANDI SABO TPP	1980	7950.6	6971.31	8864.11	10639.92	
		COAL	CHHABRA TPP	-	-	14421.24	13515.68	10379.13	
		COAL	CHHABRA-I PH-1 TPP	500	2225.98	-	-	-	
		COAL	CHHABRA-I PH-2 TPP	500	1927.52	-	-	-	
		COAL	CHHABRA-II TPP	1320	4878.89	-	-	-	
		COAL	KALISINDH TPS	1200	6375.73	6089.98	5728.09	5550.4	
		COAL	KAWAI TPS	1320	7439.07	8590.5	8000.29	7599.26	
		COAL	KOTA TPS	1240	6281.63	5192.46	6513.16	7921.01	
		COAL	SURATGARH STPS	1320	4111.29	0	0	0	
		COAL	SURATGARH TPS	1500	3038.76	2443.87	4690.34	7168.92	
		UTTAR PRADESH	COAL	ANPARA C TPS	1200	7486.28	8666.5	7539.56	8236.75
	COAL		ANPARA TPS	2630	15718.62	15279.04	17047.66	20140.46	
	COAL		BARKHERA TPS	90	193.49	184.19	90.84	148.7	
	COAL		DADRI (NCTPP)	1820	5261.31	3957.75	6546.43	10533.54	
	COAL		HARDUAGANJ TPS	1265	1216.35	2142.65	3274.14	3141.52	
	COAL		KHAMBARKHERA TPS	90	192.32	188.1	79.81	141.2	
	COAL		KUNDARKI TPS	90	274.72	246.58	125.18	203.67	
	COAL		LALITPUR TPS	1980	8856.12	7289.49	7174.91	5449.92	
	COAL		MAQSOODPUR TPS	90	196.03	190.83	102.56	141.28	
	COAL		MEJA STPP	1320	7138.66	4054.65	1050.67	69.61	
	COAL		OBRA TPS	1094	4201.69	4698.93	3695.92	3648.03	
	COAL		PARICHHA TPS	1140	3361.88	3677.32	3835.22	4978.88	
	COAL		PRAYAGRAJ TPP	1980	10685.71	10751.13	9120.88	7759.32	
	COAL		RIHAND STPS	3000	20274.75	23398.68	23359.27	22686.8	
	COAL		ROSA TPP Ph-I	1200	5530.29	6751.18	6039.7	4340.9	
	COAL		SINGRAULI STPS	2000	13057.53	14959.51	15331.89	14798.21	
	COAL		TANDA TPS	1760	7553.1	5738.68	3958.39	2371.8	
	COAL		UNCHAHR TPS	1550	7429.84	7156.4	8526.46	7241	
	COAL		UTRAULA TPS	90	241.85	261.35	119.42	196.09	
	WR		CHHATTISGARH	COAL	AKALTARA TPS	1800	7928.62	10475.04	10309.8
		COAL		AVANTHA BHANDAR	600	3256.26	2877.03	483.99	0
		COAL		BALCO TPS	600	3086.43	3781.65	3497.96	2768.07
		COAL		BANDAKHAR TPP	300	1969.29	2090.95	2062.18	2137.6
COAL		BARADARHA TPS		1200	7744.66	8073.35	6439.02	6729.62	
COAL		BHILAI TPS		500	3158.39	3209.98	2745.97	3426.23	
COAL		BINJKOTE TPP		600	1644.9	1866.84	2683.49	1464.92	
COAL		CHAKABURA TPP		30	81.58	204.38	235.35	241.55	
COAL		DSPM TPS		500	3546.26	3336.85	3847.87	3828.15	
COAL		KASAIPALLI TPP		270	1208.9	1404.55	1695.85	1900.36	
COAL		KATGHORA TPP		35	0	0	0	0	

		COAL	SOLAPUR STPS	1320	4352.08	3586.06	817.22	1783.67
		COAL	TIRORA TPS	3300	19352.62	18049.49	23254.4	21665.55
		COAL	TROMBAY TPS	750	4131.44	3586.29	4758.17	5018.74
		COAL	WARDHA WARORA TPP	540	2071.02	2078.85	198.36	1052.44
SR	ANDHRA PRADESH	COAL	DAMODARAM SANJEEVAIAH TPS	1600	5053.68	7228.27	7127.55	6957.21
		COAL	Dr. N.TATA RAO TPS	1760	10447.96	8330.96	11061.93	10885.93
		COAL	PAINAMPURAM TPP	1320	8550.23	8992.83	10302.97	8369.17
		COAL	RAYALASEEMA TPS	1650	6002.08	2373.87	6408.9	6637.55
		COAL	SGPL TPP	1320	6833.84	9270.13	8403.69	9736.08
		COAL	SIMHADRI	2000	10199.96	8679	10649.71	12449.08
		COAL	SIMHAPURI TPS	600	0	0	0	99.46
		COAL	THAMMINAPATNAM TPS	300	422.41	126.83	0	36.59
	COAL	VIZAG TPP	1040	201.16	1143.82	2961.32	949.1	
	KARNATAKA	COAL	BELLARY TPS	1700	6021.96	3094.68	4050.4	4059.06
		COAL	KUDGI STPP	2400	5379.94	4711.33	4604.36	7566.33
		COAL	RAICHUR TPS	1720	6101.05	3927.85	8532.64	8917.98
		COAL	TORANGALLU TPS (SBU-I)	260	1270.93	1007.73	1130.77	1319.47
		COAL	TORANGALLU TPS (SBU-II)	600	1747.22	1389.74	1863.53	2484.62
		COAL	UDUPI TPP	1200	1300.98	2350.12	3277.94	5214.35
		COAL	YERMARUS TPP	1600	4738.21	3379.79	376.78	790.93
		COAL	ITPCL TPP	1200	3009.52	4819.06	7235.28	5544.59
	TAMIL NADU	COAL	METTUR TPS	840	4404.67	3544.11	4619.22	5807.22
		COAL	METTUR TPS - II	600	2485.02	1418.37	2596.36	3153.1
		COAL	MUTHIARA TPP	1200	1165.47	2297.1	3559.82	3221.74
		COAL	NORTH CHENNAI TPS	1830	7067.71	6458.77	9047.66	10711.12
		COAL	NTPL TUTICORIN TPP	1000	3874.66	5290.62	4844.41	5486.62
		COAL	TUTICORIN (P) TPP	300	0	0	0	0
		COAL	TUTICORIN TPP ST-IV	525	0	-	-	-
		COAL	TUTICORIN TPS	1050	4579.01	4132.38	5303.36	6306.31
		COAL	VALLUR TPP	1500	6998.25	4369	5674.72	7706.87
		COAL	BHADRADRI TPP	1080	4569.04	1670.75	0	0
	TELANGANA	COAL	KAKATIYA TPS	1100	6399.81	6322.47	7554.74	7727.37
		COAL	KOTHAGUDEM TPS	-	-	0	2295.57	3611.15
		COAL	KOTHAGUDEM TPS (NEW)	1000	5714.4	6316.18	7167.84	7543.74
		COAL	KOTHAGUDEM TPS (STAGE-7)	800	5260.1	6109.56	3578.51	1666.74
		COAL	RAMAGUNDEM STPS	2600	15814.77	16711.55	17126.05	18547.91
COAL		RAMAGUNDEM-B TPS	62.5	242.62	285.95	398.09	423.03	
COAL		SINGARENI TPP	1200	8459.2	7344.3	9226.98	8698.48	
COAL		BARAUNI TPS	710	2217.71	1362.95	228.69	44.85	
ER	BIHAR	COAL	BARH I	660	1063.23	0	0	0
		COAL	BARH II	1320	6591.24	7803.8	8219.09	9845.23
		COAL	KAHALGAON TPS	2340	14757.19	13231.15	16504.46	16485.91
		COAL	MUZAFFARPUR TPS	390	2561.43	2468.93	2904.66	3039.78
		COAL	NABINAGAR STPP	1320	7115.21	4734.79	2616.7	0
		COAL	NABINAGAR TPP	1000	5035.48	4264.52	4887.16	2754.75
		COAL	BOKARO 'B' TPS	0	0	18.59	94.03	688.44
	JHARKHAND	COAL	BOKARO TPS 'A' EXP	500	2638.1	3271.47	2689.99	2920.75
		COAL	CHANDRAPURA (DVC) TPS	500	3464.99	3268.59	3425.71	3560.59
		COAL	JOJOBERA TPS	240	1456.19	1417.27	1464.39	1519.04
		COAL	KODARMA TPP	1000	6219.67	7508.95	6459.72	6278.75
		COAL	MAHADEV PRASAD STPP	540	3348.14	3113.78	3029.42	2876.22
		COAL	MAITHON RB TPP	1050	7082.08	6383.36	6488.2	7267.81
		COAL	TENUGHAT TPS	420	1536.47	2237.96	2420.62	1689.05

	ODISHA	COAL	DARLIPALI STPS	1600	7948.1	4775.89	421.11	0	
		COAL	DERANG TPP	1200	7715.01	5936.33	5199.79	4213.6	
		COAL	IB VALLEY TPS	1740	9177.38	8643.13	6495.79	3085.46	
		COAL	ICCL IMP	0	258.6	235.75	271.59	186.59	
		COAL	KAMALANGA TPS	1050	6833.89	7101.19	5865.43	6690.02	
		COAL	NALCO IMP	0	53.56	177.75	46.3	194.02	
		COAL	TALCHER (OLD) TPS	0	0	3405.51	3378.28	3606.84	
		COAL	TALCHER STPS	3000	19957.99	21897.14	19261.2	21242.3	
		COAL	UTKAL TPP (IND BARATH)	350	0	0	0	0	
		COAL	VEDANTA TPP	600	2276.82	3033.78	585.71	828.09	
	WEST BENGAL	COAL	BAKRESWAR TPS	1050	7532.17	7896.57	7002.77	7182.26	
		COAL	BANDEL TPS	330	1553.32	1170.8	860.04	1315.39	
		COAL	BUDGE BUDGE TPS	750	5049.86	5422.69	5798.13	6011.69	
		COAL	D.P.L. TPS	550	2346.39	2787.96	2233.33	2442.23	
		COAL	DISHERGARH TPP	12	0	-	-	-	
		COAL	DURGAPUR STEEL TPS	1000	5524.2	5780.98	6319.02	6293.54	
		COAL	DURGAPUR TPS	210	173.16	135.82	437.85	981.28	
		COAL	FARAKKA STPS	2100	11119.42	11928.6	13132.63	14846.44	
		COAL	HALDIA TPP	600	3885.02	4224.94	4430.09	4614.74	
		COAL	HIRANMAYE TPP	300	949.84	433.86	10.02	80.71	
		COAL	KOLAGHAT TPS	1260	3857.38	1769.36	2871.42	4422.88	
		COAL	MEJIA TPS	2340	13128.79	12828.81	12540.81	12744.35	
		COAL	RAGHUNATHPUR TPP	1200	5501.21	5225.69	5030.71	3208.4	
		COAL	SAGARDIGHI TPS	1600	10716.41	9596.12	6695.31	6051.94	
		COAL	SANTALDIH TPS	500	3543.7	3442.98	3693.99	3552.62	
		COAL	SOUTHERN REPL. TPS	135	138.76	89.89	339.27	283.78	
		COAL	TITAGARH TPS	240	0	0	0	0	
		NER	ASSAM	COAL	BONGAIGAON TPP	750	3771.83	2976.74	3929.96
	Total				203899.50	938363.63	950937.55	961218.23	987681.83

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

1. Gross Generation from Coal stations of 25 MW and above only.

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 1597 ANSWERED IN THE RAJYA SABHA ON 15.03.2022

Details of power generated (State-wise) through imported coal during the last three years and current year (Up to February, 2022)

Region	State	Fuel	Name of Stations	Monitored Capacity as on 28.02.2022 MW	GENERATION(MUs)			
					*2021-22 (upto-Feb, 22)	2020-21	2019-20	2018-19
WR	GUJARAT	COAL- I	MUNDRA TPS	-	-	-	29825.01	23912.38
		COAL- I	MUNDRA TPS-I & II	2640	7848.69	13693.7	-	-
		COAL- I	MUNDRA TPS-III	1980	2982.15	11971.28	-	-
		COAL- I	MUNDRA UMTTP	4000	8375.54	26208.53	26495.39	26839.3
		COAL- I	SALAYA TPP	1200	0	4048.87	4589.86	0
		COAL- I	SIKKA REP. TPS	500	962.12	1836.22	2711.25	2725.93
	MAHARASHTRA	COAL- I	JSW RATNAGIRI TPP	300	3327.13	6199.03	7868.77	8019.75
		COAL- I	TROMBAY TPS	750	4131.44	3586.29	4758.17	5018.74
SR	ANDHRA PRADESH	COAL- I	SIMHAPURI TPS	600	0	0	0	99.46
		COAL- I	THAMMINAPATNAM TPS	300	422.41	126.83	0	36.59
	KARNATAKA	COAL- I	TORANGALLU TPS(SBU-I)	260	1270.93	1007.73	1130.77	1319.47
		COAL- I	TORANGALLU TPS(SBU-II)	600	1747.22	1389.74	1863.53	2484.62
		COAL- I	UDUPI TPP	1200	1300.98	2350.12	3277.94	5214.35
	TAMIL NADU	COAL- I	ITPCL TPP	1200	3009.52	4819.06	7235.28	5544.59
		COAL- I	MUTHIARA TPP	1200	1165.47	2297.1	3559.82	3221.74
COAL- I		TUTICORIN (P) TPP	300	0	0	0	0	
Total				17030	36543.6	79534.5	93315.79	84436.92

*PROVISIONAL BASED ON ACTUAL-CUM-ASSESSMENT

1. Gross Generation from Coal stations of 25 MW and above only.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1598
ANSWERED ON 15.03.2022

FINANCING OF IRRIGATION PROJECTS BY POWER SECTOR

1598 DR. C.M. RAMESH:

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

- (a) whether the Power Finance Corporation (PFC) and the Rural Electrification Corporation (REC) which are dedicated to power sector and promotes power projects are also financing irrigation projects, if so, the details thereof;
- (b) the States where those projects are being funded, to whom it has been entrusted and whether necessary environmental clearance and other statutory clearances have been obtained from appropriate authorities, the details thereof State-wise; and
- (c) whether any applications are pending for new irrigation projects, 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): Power Finance Corporation (PFC) Ltd. and REC Ltd. (formerly known as Rural Electrification Corporation) finance Power Sector projects as well as irrigation projects to the extent of electro-mechanical (EM), Hydro-Mechanical (HM) and associated Civil works such as Pumps, Motors, pressure mains and associated components/works etc. Details are available at **Annexure**.

(c): Financing of Projects is a continuous process and is carried out on basis of merits of the case. Currently, no application for financing new irrigation project is pending with PFC. Further, in respect of REC Ltd., Kaleshwaram Irrigation Project Corporation Ltd. (Special Purpose Vehicle incorporated by Govt. of Telangana) has sought term loans of Rs. 8,927.27 Cr. & Rs. 3,444.97 Cr. towards execution of Electro-Mechanical (EM), Hydro-Mechanical (HM) and associated Civil works under Palamuru Rangareddy Lift Irrigation Scheme (PRLIS) and 22 nos. Lift Irrigation Projects respectively.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 1598 ANSWERED IN THE RAJYA SABHA ON 15.03.2022

Lending Institution	Project Name	State	State Executing Agency	Clearances applicable	Clearances available and remains
PFC LTD	Kaleshwaram Project	Telangana	Kaleshwaram Irrigation Project Company Ltd	i. CWC ii. Environmental Clearances iii. Forest Clearances	i. Available ii. Available iii. Available
PFC LTD	Palamuru Rangareddy Lift Irrigation Project (PRLIS Project)*	Telangana	Kaleshwaram Irrigation Project Corporation Ltd	i. CWC ii. Environmental Clearances iii. Forest Clearances	i. Pending ii. EIA Public hearing was held on 10th August 2021. Environmental Clearance is awaited iii. Available
PFC LTD	Rayalseema Drought Mitigation Scheme**	Andhra Pradesh	Andhra Pradesh Rayalseema Draught Mitigation Projects Development Corporation Ltd.	The scheme consists of 25 projects. Most of the projects are extension, renovation/modernisation of existing projects. Suitable conditions have been stipulated for obtaining clearances wherever required. Clearances wherever required are under process.	
REC LTD	Chintalapudi Lift irrigation scheme	Andhra Pradesh	Andhra Pradesh Water Resources Development Corporation (APWRDC)	i. CWC Clearance ii. Ministry of Environmental Forest and Climate Change Clearance	i. Secretary Water Resources, Govt. of AP vide letter dated 17.11.2021 intimated that CWC clearance is not mandatory ii. Under Process.
REC LTD	Kondaveetivagu Lift scheme – Flood relief Scheme	Andhra Pradesh			Borrower has informed that both the clearances are not required.
REC LTD	Purushottapatnam Lift irrigation scheme	Andhra Pradesh			i. Secretary Water Resources, Govt. of AP vide letter dated 17.11.2021 has intimated that separate approval is not required ii. Under Process.
REC LTD	Interlinking of Godavari-Penna Rivers Phase 1 Project	Andhra Pradesh			i. Secretary Water Resources, Govt. of AP vide letter dated 17.11.2021 has intimated that the CWC clearance is not required. ii. Secretary Water Resources vide letter dated 17.11.2021 has intimated that the clearance is not required.
REC LTD	Rayalaseema Drought Mitigation Scheme	Andhra Pradesh	Andhra Pradesh Rayalaseema Drought Mitigation Projects Development Corp. Ltd. (APRDMPDCL)		i. Un-approved ii. Under Process.

REC LTD	Indiramma Flood Flow Canal (IFFC)	Telangana	Telangana State Water Resource Infrastructure Development Corporation Ltd. (TSWRIDCL)	i. CWC Clearance ii. Ministry of Environmental Forest and Climate Change Clearance	i. Obtained ii Obtained.
REC LTD	Sita Rama Lift Irrigation Project	Telangana			i. Un-approved Borrower has informed that clearances from CWC is under progress ii.. Obtained
REC LTD	PV Narasimha Rao – Kanthanapally Sujala Sravanthi scheme at Thupakulagudem	Telangana			i. Un-approved Borrower has informed that clearances from CWC is under progress ii. Obtained
REC LTD	J. Chokkarao – Devadula Lift Irrigation project Already executed E&M works under Devadula & Other works	Telangana	Kaleshwaram Irrigation Project Corporation Ltd. (KIPCL)	i. Obtained ii. Obtained.	
REC LTD	E&M, H&M and associated Civil works for lifting capacity enhancement of existing system by 1.1 TMC (Thousand Million Cubic Feet) water per day from Sripada Yellampally Project (SYP) to Mid Mannair Reservoir under Link 2	Telangana			i. Obtained However, the works of lifting additional 1TMC water are listed under <i>Unapproved</i> project list of Ministry of Jalshakti notification dated 15.07.2021. KIPCL vide letter dated 15-11-2021has made a request to Ministry of Jalshakti for deleting additional 1 TMC from the un-approved list of the notification and the state Govt. is perusing in this regard with Ministry of Jalshakti
REC LTD	Construction of substations & transmission lines under Link-2	Telangana			ii. Obtained.
REC LTD	E&M, H&M and associated Civil works for lifting of additional 1 TMC water per day from Medigadda Barrage on Godavari River to Reservoir at Sripada Yellampally Project (SYP) under Link-1	Telangana			

REC LTD	E&M, H&M and associated Civil works For lifting of additional 1 TMC water per day from Mid Manair Reservoir to Sri Komaravelli Mallana Sagar Reservoir under Link-4	Telangana			
REC LTD	Construction of substations & transmission lines under Link-4	Telangana			
REC LTD	Raghavpur, Dindori	Madhya Pradesh	Narmada Basin Projects Company Limited (NBPCL)	i. CWC Clearance ii. Ministry of Environmental Forest and Climate Change Clearance	i. Borrower had intimated that requisite clearances for the projects are yet to be obtained. ii. Borrower had intimated that requisite clearances for the projects are yet to be obtained.
REC LTD	Basania, Mandla	Madhya Pradesh			
REC LTD	Chinki Boras Barrage, Hoshangabad	Madhya Pradesh			
REC LTD	Shakkar Pench Link, Narsinghpur & Chindwada	Madhya Pradesh			
REC LTD	Dudhi, Chindwada, Hoshangabad	Madhya Pradesh			
REC LTD	Hoshangabad Barrage, Sehore	Madhya Pradesh			
REC LTD	Handia Barrage, Dewas	Madhya Pradesh			
REC LTD	Morand Ganjal, Harda, Khandwa, Hoshangabad	Madhya Pradesh			
REC LTD	Construction of Regulator cum Bridge upper stream of Perincheri Kadavu across Kuttiyadi River Gulikapuzha in Kozhikode District.	Kerala	Kerala Infrastructure Investment Fund Board (KIIFB)	i. CWC Clearance ii. Ministry of Environmental Forest and Climate Change Clearance	i. Borrower had intimated that no clearance is needed for implementing the projects. ii. Borrower had intimated that no clearance is needed for implementing the projects.
REC LTD	Construction of RCB across Thoothapuzha at Kezhmurikkadavu, Moothikkayam in Moorkkanadu Panchayath, Malappuram District	Kerala	[*Projects are being implemented by Kerala Irrigation Infrastructure Development Corporation Ltd (KIIDC)]		
REC LTD	Construction of regulator with lock across Anjarakandy river at Parapram in Pinarayi panchayath	Kerala			
REC LTD	Construction of Kanathodu RCB in Pudukkad Panchayath	Kerala			
REC LTD	Construction of RCB across Kuppam River at Kooveri, Kattampally in Chapparapadavupanchayath, Thaliparamaba Thaluk, Kannur District	Kerala			

REC LTD	Construction of regulator with lock across Konothupuzha river at Puthenkavu in Udayamperoorpanchayath, Ernakulam District	Kerala			
REC LTD	Construction of RCB across Poonur Puzha near KWA pumping house at Poolakkadavu	Kerala			
REC LTD	Construction of RCB across Chitturpuzha at Vadakarappally Palathulli in Peruvembu Grama Panchayath	Kerala			
REC LTD	Construction of Regulator cum Bridge across Kadalundi river at Puzhankavu in Manjeri Municipality in Malappuram	Kerala			
REC LTD	Electrical, Electro-mechanical, Pumping station and Hydro systems works under 16 no. water supply/ water pumping station projects in various districts of Kerala	Kerala	Kerala Infrastructure Investment Fund Board (KIIFB) [*Projects are being implemented by Kerala Water Authority (KWA)]		i. No CWC approvals are required as intimated by KIIFB. ii. Not Required as intimated by KIIFB

*A timeline till 15th January, 2022 was provided to PRLIS project to obtain all the necessary clearances and approvals in line with Ministry of Jal Shakti Notification dated 15th July, 2021. No disbursement has been made to the loan after the given timeline.

** Loan documentations for Rayalseema Drought Mitigation Scheme are yet to be executed. Thus, no disbursement has been made by PFC against the loan sanctioned.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1599
ANSWERED ON 15.03.2022

BATTERY ENERGY STORAGE SYSTEM

1599 DR. AMAR PATNAIK:

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

- (a) the progress on the project for the installation of the 1000 Mwh Battery Energy Storage System (BESS);
- (b) whether Government has carried out any study for the market evaluation and to gauge the untapped potential of BESS in the country;
- (c) whether Government has any comprehensive guidelines for the procurement and utilisation of BESS in the country; and
- (d) if so, the details thereof?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Solar Energy Corporation of India Limited (SECI), a Govt. owned company under MNRE has released an Expression of Interest for setting up of 1000 MWh Battery Energy Storage Systems (BESS) on 14th October 2021.

(b) : Central Electricity Authority (CEA)/Ministry of Power (MoP) has prepared a Report on Optimal Generation Capacity Mix for 2029-30. The Report identifies Pumped Hydro Storage System (PSP) and Battery Energy Storage Systems (BESS) as the commercially deployed solutions for providing requisite storage capacity. As per the report, a Battery Energy Storage capacity of 27,000 MW/108,000 MWh (4-hour storage) is projected to be part of the installed capacity in 2029-30.

(c) & (d) : The Standard Bidding Guidelines for procurement and utilization of Battery Energy Storage Systems has been finalised.

GOVERNMENT OF INDIA
MINISTRY OF POWER
RAJYA SABHA
UNSTARRED QUESTION NO.1600
ANSWERED ON 15.03.2022

POWER CRISIS IN THE COUNTRY

1600 SHRI HARSHVARDHAN SINGH DUNGARPUR:

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

- (a) whether it is a fact that power crisis is continuously deepening in the country;
- (b) whether Government has taken any initiatives to improve the situation in the country with cooperation of the States;
- (c) if so, the details thereof; and
- (d) if not, the reasons therefor?

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : There is no power crisis in the country. As on 28th February, 2022, the installed generation capacity is around 395.6 GW which is sufficient to meet the demand of electricity in the country. The peak demand experienced during the current year was only 203 GW.

(b) to (d): Electricity is a concurrent subject. The Central Government supplements the efforts of the State Government by establishing power plants in Central Sector through Central Public Sector Undertakings (CPSUs) and allocating power from them to the various States / UTs. States/UTs meet their respective energy requirement from various sources such as their own generation, share from Inter State Generating Stations which also include Central Sector Generating Stations, procuring power on bilateral basis and through Power Exchanges.

Further, the Central Government also supplements the efforts of 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 households.
