

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.235
ANSWERED ON 03.02.2022**

ELECTRICITY CUT OR POWER OUTAGE

**235. SHRIMATI APARAJITA SARANGI:
SHRI PRADEEP KUMAR SINGH:
SHRI SANGAM LAL GUPTA:
SHRI PARBATBHAI SAVABHAI PATEL:
SHRI VISHNU DAYAL RAM:
SHRI NARANBHAI KACHHADIYA:
SHRI SUDHAKAR TUKARAM SHRANGARE:
SHRI P.P. CHAUDHARY:
SHRI RANJEETSINGH HINDURAO NAIK NIMBALKAR:
SHRI SHIVAKUMAR C. UDASI:
SHRI SUNIL KUMAR SINGH:**

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

- (a) the details of the cumulative hours of electricity cut during the last three years and the current year, State-wise;**
- (b) the details of the cumulative hours for which electricity cut was experienced in urban cities during the said period, State-wise;**
- (c) the details of the cumulative hours for which electricity cut was experienced in rural areas during the said period, State-wise;**
- (d) the details of the cumulative hours for which electricity cut was experienced in metropolitan cities during the said period, city-wise;**
- (e) whether the Government has been able to identify major reasons for prolonged electricity cuts across various States in the country and if so, the details thereof; and**
- (f) whether the Government has taken measures to reduce the electricity cut or power outage in the country and if so, the details thereof, State-wise including Jharkhand?**

A N S W E R

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY
(SHRI R.K. SINGH)**

(a) to (f) : There is no shortage of electricity in the country. As per independent surveys, the availability of power in surveyed rural areas has gone up from an average of 12 hours in 2015 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 rural areas was 22.17 hours and in urban areas was 23.36 hours. So far as State of

Jharkhand is concerned, independent surveys indicate that average hours of rural power supply has gone up from 9 hours in the year 2015 to 16 hours in the year 2020. Based on the data ported by various utilities on communicable feeders on National Power Portal (NPP), State-wise details of average hours of power outage in rural areas are at Annexure-I and city-wise of average hours of power outage are at Annexure-II.

Interruptions in the supply of electricity are generally on account of constraints in distribution network, or financial constraints with some Distribution Companies not having the money to pay for power. Further, electricity is a concurrent subject and supply/distribution of electricity to all consumers is done by the respective State Governments and/or State Power Utilities. Government of India has been helping the States through its various schemes including Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) to achieve the objective of providing uninterrupted power supply to all households.

The DDUGJY scheme was notified by Ministry of Power, Government of India in December 2014 for strengthening and augmentation of sub-transmission & distribution infrastructure in rural areas, including metering of distribution transformers/ feeders/consumers. Under DDUGJY, Rs.4799.81 crore was sanctioned for Jharkhand, of which Rs.2397.44 crore has been released till 31.12.2021.

The IPDS Scheme was notified by Ministry of Power, Government of India, on 03.12.2014, for strengthening the power sub-transmission and distribution networks in urban areas. R-APDRP (Restructured Accelerated Power Development & Reforms Programme) was subsumed under IPDS. Under IPDS, Rs.755 crore was sanctioned for Jharkhand, of which Rs.380 crore has been released till 17.01.2022.

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (f) OF UNSTARRED QUESTION
NO. 235 ANSWERED IN THE LOK SABHA ON 03.02.2022**

State-wise Average hours of Power Outage in a year for last three years and current year till October 2021 (HH.hh) as available on NPP									
As on 28.01.2022									
Sl. No.	State Name	2018-19		2019-20		2020-21		2021-22 (upto Oct 21)	
		RURAL	URBAN	RURAL	URBAN	RURAL	URBAN	RURAL	URBAN
1	Andhra Pradesh	687.42	12.17	134.20	30.50	121.67	36.50	76.37	23.32
2	Arunachal Pradesh#\$	0.00	0.00	0.00	0.00	0.00	462.33	0.00	154.23
3	Assam#\$	0.00	97.33	0.00	73.2	0.00	0.00	0.00	66.32
4	Bihar	1015.92	0.00	786.90	317.20	772.58	225.08	779.65	94.02
5	Chhattisgarh	0.00	85.17	0.00	6.10	0.00	6.08	539.40	50.45
6	Delhi*							0.00	1.27
7	Goa#\$	0.00	0.00	0.00	457.50	0.00	97.33	0.00	53.39
8	Gujarat	79.08	18.25	323.30	18.30	97.33	18.25	46.63	12.39
9	Haryana	1599.92	261.58	1744.60	268.40	1478.25	219.00	1014.37	84.04
10	Himachal Pradesh	2986.92	0.00	3056.10	54.90	2980.83	54.75	2562.55	19.90
11	Jammu and Kashmir	0.00	0.00	0.00	0.00	0.00	736.08	0.00	257.64
12	Jharkhand \$	0.00	0.00	0.00	164.70	0.00	0.00	0.00	0.00
13	Karnataka	2323.83	24.33	2482.70	61.00	1758.08	54.75	1082.40	26.64
14	Kerala \$	1015.92	0.00	744.20	6.10	1095.00	30.42	670.12	17.23
15	Madhya Pradesh	243.33	109.50	353.80	54.90	492.75	24.33	228.20	23.50
16	Maharashtra	0.00	18.25	1299.30	12.20	1107.17	6.08	277.15	4.16
17	Meghalaya	0.00	18.25	0.00	6.10	0.00	24.33	0.00	18.65
18	Manipur#\$							0.00	74.91
19	Mizoram#	0.00	97.33	0.00	122.00	0.00	73.00	0.00	28.09
20	Nagaland#\$	0.00	0.00	0.00	183.00	0.00	462.33	0.00	88.81
21	Odisha \$	1411.33	0.00	1457.90	128.10	997.67	54.75	29.38	58.96
22	Puducherry \$	693.50	0.00	1299.30	0.00	310.25	0.00	564.45	0.00
23	Punjab \$	267.67	79.08	305.00	103.70	511.00	85.17	302.40	79.26
24	Rajasthan	985.50	30.42	988.20	42.70	961.17	6.08	468.12	23.53
25	Tamil Nadu \$	1180.17	0.00	1110.20	12.20	906.42	0.00	226.77	0.00
26	Telangana	711.75	0.00	652.70	30.50	675.25	30.42	469.50	16.65
27	Tripura#\$	1575.58	0.00	1628.70	0.00	1624.25	6.08	223.33	18.98
28	Uttar Pradesh \$	1788.50	310.25	2549.80	158.60	2761.83	91.25	1749.57	92.00
29	Uttarakhand	949.00	194.67	854.00	219.60	742.17	127.75	562.83	98.77
30	West Bengal \$	2123.08	12.17	341.60	12.20	340.67	6.08	47.30	45.80

Note 1 Outage Data as submitted by States on NPP. Outage Duration includes both planned and unplanned outage durations.

Note 2 # Only Urban data is Available.

Note 3 \$ States have not submitted data till October 2021 in FY 2021-22.

Note 4 States/UTs not present in the list are not mapped on NPP.

Note 5* Delhi has been onboarded on NPP in April 2021. So data for previous FYs is not available on NPP.

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (f) OF UNSTARRED QUESTION
NO. 235 ANSWERED IN THE LOK SABHA ON 03.02.2022**

City-wise Average hours of Power Outage in a year for FY 2020-21 and 2021-22 (till October-21) (HH.hh) as available on NPP				
As on 28.01.2022				
Sl. No.	State Name	Metro Cities	2020-21	2021-22 (upto Oct-21)
1	Andhra Pradesh	Visakhapatnam	16.79	18
2	Bihar	Patna #	4.19	30.59
3	Chhattisgarh	Raipur #	26.57	22.92
4	Gujarat	Ahmadabad #	28.59	11.33
5	Gujarat	Surat	12.47	9.2
6	Karnataka	Bangalore	25.22	14.97
7	Maharashtra	Mumbai Suburban	23.09	6.42
8	Maharashtra	Nagpur	18.85	5.18
9	Maharashtra	Pune	19.17	6.42
10	Rajasthan	Jaipur #	46.88	17.05
11	Rajasthan	Jodhpur #	0	0
12	Tamil Nadu	Chennai #	3.06	
13	Tamil Nadu	Madurai #	13.78	
14	Telangana	Hyderabad *		
15	Uttar Pradesh	Gorakhpur #	140.61	107.24
16	Uttar Pradesh	Kanpur Nagar #	57.75	13.65
17	Uttar Pradesh	Lucknow #	7.3	1.82
18	West Bengal	Kolkata *		
19	Tamil Nadu	Coimbatore *		
20	Kerala	Kochi #	19.35	
21	Kerala	Kozhikode #	14.84	
22	Tamil Nadu	Salem *		
23	Kerala	Thiruvananthapuram	5.94	
24	Delhi	Delhi*		1.27

Note 1 *Metro Cities have not submitted data on NPP.

Note 2 #Metro Cities have submitted partial data till October 2021 on NPP.

Note 3 States/UTs not present in the list are not mapped on NPP.

Note 4 * Delhi has been onboarded on NPP in April 2021. So data for previous FYs is not available on NPP.

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.250
ANSWERED ON 03.02.2022**

SETTING UP OF MANUFACTURING ZONES

**250. SHRI KURUVA GORANTLA MADHAV:
SHRI MAGUNTA SREENIVASULU REDDY:
SHRI N. REDDEPPA:
SHRI P.V. MIDHUN REDDY:
SHRI SRIDHAR KOTAGIRI:**

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

- (a) whether the Government proposes to set-up three manufacturing zones for critical power and renewable energy equipment that were announced in last year's budget;**
- (b) if so, the details thereof;**
- (c) whether the Government also proposes to set-up one of the three proposed critical power and renewable energy equipment manufacturing zones in the State of Andhra Pradesh; 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) to (d): Out of the 3 Manufacturing Zones for Power and Renewable Energy Equipment proposed by Ministry of Power and Ministry of New and Renewable Energy, Ministry of Finance has accorded in principle approval for setting up one Manufacturing Zone initially as a Pilot within an indicative outlay of Rs. 400 crore.

The selection of location for setting up of Manufacturing Zones will be based on pre-identified parameters. All States or Special Purpose Vehicles (SPV) may participate in the selection process.

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.257
ANSWERED ON 03.02.2022**

NEW PROJECTS OF NHPC

257. SHRI SUSHIL KUMAR SINGH:

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

- (a) the steps being taken by the Ministry to empower NHPC;**
- (b) the list of new projects being undertaken by NHPC;**
- (c) whether there has been a delay in giving final vigilance clearance to any incumbent board member of NHPC;**
- (d) If so, the details thereof and the reasons leading to delay in granting of this vigilance clearance; and**
- (e) if the vigilance clearance has not been granted yet, should the incumbent official be allowed to continue?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Ministry of Power (MoP) has taken many measures and initiatives to strengthen and empower hydro power sector, the work area of NHPC Ltd. With the approval of the Cabinet, MoP notified following measures to promote Hydro Power Sector on 8th March, 2019:-

- a. Declaring Large Hydro Projects (>25 MW) as Renewable Energy source**
- b. Hydro Purchase Obligations as a separate entity within Non-Solar Renewable Purchase Obligations**
- c. Tariff rationalization measures for bringing down hydropower tariff**
- d. Budgetary Support for Flood Moderation/Storage Hydro Electric Projects**
- e. Budgetary Support to Cost of Enabling Infrastructure i.e. roads/bridges**

Hydro Purchase Obligation (HPO) trajectory, for the period 2021-22 to 2029-30 has been notified by MoP on 29.01.2021.

These measures would be particularly beneficial for development of hydro projects which are often located in remote and far-flung areas and require development of extensive associated infrastructure such as roads, bridges etc. for transportation of heavy, large sized equipment & machinery to the project site.

Besides the above, continuous efforts are made to expedite the pending approvals/clearances for various hydroelectric projects of NHPC. Discussion at regular intervals are held with the concerned Ministries/Departments/State Governments to address their concerns.

In order to resolve disputes in Hydropower Project contracts, MoP has empanelled Independent Engineers which will help Hydro CPSUs including NHPC Ltd. in sorting out the issues effectively, thus reducing time and cost over runs in the Project. Further, MoP has also issued framework for Conciliation Committee of Independent Experts for CPSEs and Statutory Bodies of Ministry of Power to resolve disputes.

(b) : Presently, NHPC Ltd. has 24 Power Stations with an aggregate installed capacity of 7071.20 MW under operation, and 09 Projects, with an aggregate installed capacity of 5999 MW are under construction (including Joint ventures) as per details furnished at Annexure-A.

Regarding new Projects being undertaken by NHPC, 08 Projects with an aggregate installed capacity of 7342 MW (including JV projects) are under clearance stage and 3 Hydroelectric Projects with an aggregate installed capacity of 1130 MW are under Survey and Investigation stages. List of these Projects are furnished at Annexure-B.

(c) & (d) : Vigilance clearance in respect of present CMD, NHPC Ltd. is awaited from Central Vigilance Commission (CVC) for the purpose of his confirmation.

(e) : The relevant clauses of the extant guidelines issued by PESB on Confirmation of Board level appointees (Annexure-C) are as under-

i. A CMD/Functional Director would be deemed to be confirmed unless the Ministry/Department sends a proposal to the PESB, to the contrary, within 30 days after the expiry of one year.

ii. Within this stipulated period of one year and thirty days, the officer would be deemed to have been confirmed and the Ministry shall issue necessary order for confirmation, if the Ministry fails to send a proposal to the contrary, to the PESB.

However, as per PESB OM No. 13/07/2010-PRESS dated 02.12.2011 (Annexure-D), Vigilance Clearance is required from CVC before processing the case for confirmation of the Board level appointees.

The Present incumbent was appointed as CMD, NHPC Ltd. vide Ministry of Power Order dated 24th Feb, 2020 after obtaining necessary vigilance clearance from the Central Vigilance Commission.

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION
NO. 257 ANSWERED IN THE LOK SABHA ON 03.02.2022**

NHPC Power Stations under operation

S. No.	Power Station	Installed Capacity (MW)
HYDRO		
Himachal Pradesh		
1	Baira Siul	180
2	Chamera-I	540
3	Chamera-II	300
4	Chamera-III	231
5	Parbati-III	520
Total		1771
UT of Jammu & Kashmir		
6	Salal	690
7	Uri-I	480
8	Dulhasti	390
9	Sewa-II	120
10	Uri-II	240
11	Kishanganga	330
Total		2250
UT of Ladakh		
12	Chutak	44
13	Nimmo Bazgo	45
Total		89
Manipur		
14	Loktak	105
Uttarakhand		
15	Tanakpur	94.2
16	Dhauliganga-I	280
Total		374.2
Sikkim		
17	Rangit	60
18	Teesta-V	510
Total		570
West Bengal		
19	Teesta Low Dam -III	132
20	Teesta Low Dam -IV	160
Total		292
Madhya Pradesh		
21	Indira Sagar (NHDC-JV of NHPC)	1000
22	Omkareshwar (NHDC-JV of NHPC)	520
Total		1520
Hydropower		6971.2
RENEWABLE ENERGY		
1	Tamilnadu Solar Power	50
2	Jaisalmer Wind Power	50
Grand Total (24 POWER STATIONS)		7071.2

NHPC Projects under Construction

S No.	Project	Installed Capacity (MW)
NHPC - Own		
Hydro		
Himachal Pradesh		
1	PARBATI-II	800
Arunachal Pradesh/ Assam		
1	SUBANSIRI LOWER	2000
Odisha		
1	Ground Mounted Solar Project, Odisha	40
JVs/Subsidiaries		
Hydro		
UT of Jammu & Kashmir		
1	Pakal Dul (UT of J&K) (CVPPL-JV of NHPC)	1000
2	Kiru (UT of J&K) (CVPPL-JV of NHPC)	624
3	Ratle (UT of J&K) (CVPPL-JV of NHPC)	850
	Total	2474
Sikkim		
1	Teesta-VI (Sikkim) (LTHPL-Subsidiary of NHPC)	500
2	Rangit-IV (JPCL-Subsidiary of NHPC)	120
	Total	620
Uttar Pradesh		
1	Kalpi Solar (UP) (BSUL- Subsidiary of NHPC)	65
Grand Total		5999

Parbati-II:Unit-I & Unit-II have been re-synchronized with the Grid at Part Load on 05.07.2019 & 06.07.2019. Unit-III & Unit-IV have been test synchronized with the Northern Grid on 28.09.2019.

\$ 40 MW Ground Mounted Solar Project, Odisha: Project works have been awarded on 24.05.2021.

Ratle:Supplementary MoU signed on 03.01.2021. Cabinet has accorded approval for implementation of this project on 11.02.2021. JVC has been incorporated on 01.06.2021.

Rangit-IV:MoP vide letter dated 30.03.2021 has conveyed the approval of Govt. of India for investment approval for acquisition M/s Jal Power Corporation Ltd (JPCL) and construction of balance works Rangit-IV H E Project in Sikkim by NHPC Ltd. at an estimated cost of Rs.938.29 Crs at Oct'2019 Price Level.

Kalpi Solar (UP):Project works have been awarded on 17.03.2021.

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION
NO. 257 ANSWERED IN THE LOK SABHA ON 03.02.2022**

NHPC Projects Awaiting Clearances

Sl. No.	Project	State	Installed Capacity (MW)
A- Hydro			
Stand-alone NHPC			
1	Teesta-IV	Sikkim	520
2	Dibang	Ar. Pradesh	2880
3	Sawalkot*	UT of J&K	1856
4	Dugar	Himachal Pradesh	500
	Sub Total		5756
Projects in Joint Venture			
Hydro (In India)			
5	Kwar	UT of J&K	540
6	Kirthai-II*	UT of J&K	930
7	Loktak D/S	Manipur	66
	Sub Total (JV)		1536
	Total Hydro (A)		7292
B- Solar (NHPC)			
8	Floating Solar Project	West Kallada, Kerala	50
	Total Solar (B)		50
	Grand Total		7342

*A Memorandum of Understanding between the Jammu & Kashmir State Power Development Corporation Limited (JKSPDCL), and NHPC Ltd., signed on 03.01.2021 for execution of Kirthai-II, Sawalkot, Uri-I (Stage-II), Dul Hasti (Stage-II) Hydropower Projects in Jammu and Kashmir.

NHPC - Projects under Survey and Investigations

Sl. No.	Project	State	Installed Capacity (MW)
HYDRO			
1	Garba Tawaghat	Uttarakhand	630
2	Uri-I Stage-II#	UT of J&K	240
3	Dul Hasti Stage-II#	UT of J&K	260
	Total		1130

A Memorandum of Understanding between the Jammu & Kashmir State Power Development Corporation Limited (JKSPDCL) and NHPC Ltd., signed on 03.01.2021 for execution of Kirthai-II, Sawalkot, Uri-I (Stage-II), Dul Hasti (Stage-II), Hydropower Projects in Jammu and Kashmir.

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION
NO. 257 ANSWERED IN THE LOK SABHA ON 03.02.2022**

Chapter 3

Confirmation Procedure

{Auth: (i) DoPT's OM No.28(30)EO/2010(ACC) dated 31.03.2011;

(ii) PESB's OM No.5/6/2010-PESB dated 28.06.2011}

1. **Cases of Board level functionary for confirmation/ non-confirmation are considered to enable him to continue for the balance period of his tenure or otherwise.**
2. **The PESB has circulated formats for Special Performance Report (SPR) and guidelines. The assessment in the SPR is required to be recorded by the Secretary of the administrative Ministry in respect of the Chief Executive and by the Chief Executive duly countersigned by the Secretary of the administrative Department in respect of the Functional Directors**
3. **The minimum acceptable score in the SPR is 37.5 out of 50 with no single attribute having a score less than 3.**
4. **The Ministries are required to send proposals to PESB only in cases of non-confirmation on performance grounds where the score on SPR is less than 37.5.**
5. **A CMD/MD/Functional Director would be deemed to be confirmed unless the Ministry/Department sends a proposal to the PESB, to the contrary, within 30 days after the expiry of one year.**
6. **Within this stipulated period of one year and thirty days, the officer would be deemed to have been confirmed and the Ministry shall issue necessary order for confirmation, if the Ministry fails to send a proposal to the contrary, to the PESB.**
7. **Executives who score less than 37.5 marks on the SPR are called for a joint appraisal meeting with the Board in the presence of the Secretary of the Administrative Ministry to consider confirmation or otherwise of the functionary.**
8. **The PESB shall hold a Joint Appraisal on receipt of the proposal, within one month, after which the proposal shall be sent to the Ministry of placing before the ACC for orders.**
9. **If the Ministry/Departments is not inclined to confirm the appointee for reasons other than performance such as vigilance issues etc., such proposal shall be submitted to the ACC directly at least 30 days in advance of the expiry of the scheduled tenure of the incumbent.**
10. **In case the recommendation of non-confirmation is approved by the Competent Authority, the executive vacates the post.**

ANNEXURE-D

ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 257 ANSWERED IN THE LOK SABHA ON 03.02.2022

F.No. 13/07/2010-PESB
Government of India
Department of Personnel & Training
Public Enterprises Selection Board

Block No: 14, CGO Complex, Lodhi Road
New Delhi, 2 December 2011

Dir (Adm., Ho. SCST)

Subject:- Clarification on confirmation of service tenure of Board level Officers - requirement of Vigilance Clearance.

PESB is receiving communications from various Ministries regarding requirement of Vigilance Clearance at the time of confirmation of Board level appointees after completion of their service. With the issue of new instructions of ACC dated: 31.03.2011, PESB dated: 13.05.2011 where by If the Ministry/Department is not inclined to confirm the appointee for reasons other than performance such as vigilance issues etc., then such proposal shall be submitted to the ACC directly at least 30 days in advance of the expiry of the scheduled tenure of the incumbent.

In view of above it is clarified that Vigilance Clearance is required from CVC before processing the case of confirmation of the Board level, so that to process the case for confirmation or otherwise.

Dir
(Vedantam Giri)
Director, PESB
Tel: 24362936

Dir (V&S)

VS/19.
Pl. circulate, if not done already.

Prady
8/11/11

For. meeting also -
for 8/11/11

All Ministries

Copy to: Secretary, CVC/Secretary, DPE.

Ministry of Power,
Secretary,
Shramshakti Bhawan,
New Delhi.

Dir SECY. (P)
Dy. No. *6253*
Date *7/12/11*

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.273
ANSWERED ON 03.02.2022**

IMPLEMENTATION OF ELECTRIFICATION SCHEMES

†273. SHRI HANUMAN BENIWAL:

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

- (a) the details of the schemes being run for electrification in the State of Rajasthan;**
- (b) the quantum of funds sanctioned and spent thereon during the last three years and the current year, district, scheme and work-wise;**
- (c) the number of houses and hamlets where electrification has been done, district-wise;**
- (d) whether the Union Government physically verify expenditure of allocated funds to the States for the said purpose and if so, the details thereof;**
- (e) the details of disparities found therein during the said period, location-wise; and**
- (f) the steps taken/being taken in this regard?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c): Government of India launched the Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) in December 2014 for the rural areas with the objectives of electrification of all un-electrified villages as per Census 2011; strengthening and augmentation of sub-transmission & distribution infrastructure in rural areas, including construction of HT and LT lines, metering at distribution transformers, feeders and consumers; and feeder segregation. The details of infrastructure created under DDUGJY (as on 31.12.2021) in the State of Rajasthan are at Annexure-I.

District-wise and year-wise details of funds released under DDUGJY are at Annexure-II.

Further, under the aegis of Saubhagya scheme, which has now been closed, a total 20,75,522 numbers of households have been reported as electrified in Rajasthan. Based on the request of Rajasthan, electrification of 2,10,843 additional households was sanctioned under DDUGJY New in July, 2021 against which 33,523 households have been electrified as on 31.01.2022. District-wise status of electrification of these additional households in the State of Rajasthan is at Annexure-III.

.....2.

(d) to (e) : Funds are released to the nodal agency, REC Limited based on reported utilization of funds by Discom/Project Implementing Agency (PIA). REC being nodal agency, before release of the next tranche of eligible subsidy against the sanctioned projects, ensures the appropriate utilization of funds allocated for the purpose of the scheme implementation in the States and Implementing Agency submits the Utilization Certificate annually in respect of the funds released duly endorsed by its State Government along with the cumulative Physical & Financial progress of the work done in the State under each projects sanctioned in the State. Further, Discom/PIA also submits audited statements of expenditure in the projects and the latest physical progress. Further, a Quality Assurance Mechanism is in place, which includes filed level village inspection and predispatch inspection with a predefined sampling methodology.

No disparities have been reported by the State so far.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 273 ANSWERED IN THE LOK SABHA ON 03.02.2022

PHYSICAL PROGRESS OF RAJASTHAN UNDER DDUGJY (INCL. RE & ADDL INFRA.) AS ON 31-12-2021

Sl. No.	District Name	New Substation (Nos.)		Augmentation Substation (Nos.)		DTR		LT Lines (CKm)		11 KV (Excluding Feeder Segregation) (CKm)		33/66 KV (CKm)		Feeder Segregation 11 kV (CKm)		Consumer Metering (Nos.)		DTR Metering (Nos.)		Feeder Metering (Nos.)	
		Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt	Surveyed	Achmt
1	Ajmer	10	10	0	0	2404	2404	1170.56	1170.56	821.23	821.23	55.33	55.33	124	124	0	0	0	0	80	80
2	Alwar	20	20	0	0	13413	13413	6113.34	6113.34	1644.76	1644.76	115.64	115.64	402.17	402.17	0	0	0	0	430	430
3	Banswara	4	4	0	0	12577	12577	11391.53	11391.53	2501.09	2501.09	47.61	47.61	73.95	73.95	0	0	0	0	20	20
4	Baran	10	10	0	0	1846	1846	1015.07	1015.07	427.03	427.03	94.79	94.79	31.52	31.52	5360	5360	0	0	52	52
5	Barmer	2	2	0	0	29698	27745	28737.91	27237.61	12409.35	11603.85	6.4	6.4	0	0	0	0	0	0	0	0
6	Bharatpur	8	8	0	0	4995	4995	2218.06	2218.06	700.89	700.89	81.3	81.3	752.392	752.392	14937	14937	0	0	154	154
7	Bhilwara	16	16	0	0	2446	2446	1710.96	1710.96	729.2	729.2	120.4	120.4	336.9	336.9	0	0	0	0	146	146
8	Bikaner	2	2	0	0	8706	8706	9257.92	9257.92	3744.88	3744.88	8.09	8.09	0	0	0	0	0	0	0	0
9	Bundi	5	5	0	0	2973	2973	1379.64	1379.64	658.65	658.65	79.54	79.54	107.32	107.32	0	0	0	0	77	77
10	Chittaurgarh	11	11	5	5	2145	2145	2292.97	2292.97	451.1	451.1	51.7	51.7	192.88	192.88	0	0	0	0	46	46
11	Churu	2	2	0	0	3417	3417	2834.2	2834.2	1439.86	1439.86	17.53	17.53	0	0	0	0	0	0	0	0
12	Dausa	7	7	0	0	6517	6517	3648.77	3648.77	738.03	738.03	24.27	24.27	371.17	371.17	0	0	0	0	132	132
13	Dhaulpur	6	6	0	0	3408	3408	1497.68	1497.68	991.32	991.32	91.43	91.43	71	71	14656	14656	0	0	17	17
14	Dungarpur	1	1	0	0	13757	13757	10977.44	10977.44	3502.83	3502.83	15.93	15.93	11.48	11.48	0	0	0	0	6	6
15	Ganganagar	2	2	5	5	3809	3809	1996.63	1996.63	1322.34	1322.34	20.19	20.19	0	0	0	0	0	0	0	0
16	Hanumanagarh	3	3	0	0	3909	3909	2648.5	2648.5	1720.51	1720.51	17.35	17.35	123.59	123.59	0	0	0	0	0	0
17	Jaipur	32	32	0	0	9252	9252	3485.5	3485.5	1799.57	1799.57	281.93	281.93	1127	1127	24113	24113	0	0	401	401
18	Jaisalmer	0	0	2	2	3795	3795	4918.53	4918.53	4267.24	4267.24	0	0	133.15	133.15	0	0	0	0	14	14

19	Jaisalmer (UE)	1	1	0	0	54	54	29.59	29.59	304.83	304.83	16.05	16.05	0	0	0	0	0	0	0	0
20	Jalor	0	0	0	0	8736	8736	5291.47	5291.47	1799.53	1799.53	0	0	0	0	0	0	0	0	0	0
21	Jhalawar	10	10	0	0	3621	3621	1405.35	1405.35	618.85	618.85	654.24	654.24	72.25	72.25	0	0	0	0	119	119
22	Jhunjhunun	7	7	0	0	5004	5004	3034.58	3034.58	424.21	424.21	28.19	28.19	12.73	12.73	0	0	0	0	36	36
23	Jodhpur	2	2	3	3	10738	10738	11106.78	11106.78	4117.19	4117.19	8.43	8.43	280.43	280.43	0	0	0	0	0	0
24	Karauli	4	4	4	4	6751	6751	2371.63	2371.63	1164.01	1164.01	26.92	26.92	200.8	200.8	0	0	0	0	81	81
25	Kota	6	6	0	0	2230	2230	798.33	798.33	498.45	498.45	35.5	35.5	57.9	57.9	9861	9861	0	0	39	39
26	Nagaur	11	11	0	0	7610	7610	6655.9	6655.9	2573.99	2573.99	69.06	69.06	250	250	0	0	0	0	65	65
27	Nagaur(PS Ladnu)	0	0	0	0	127	127	120.17	120.17	50.61	50.61	0	0	0	0	0	0	0	0	0	0
28	Pali	2	2	0	0	3574	3574	2498.78	2498.78	1036.55	1036.55	14.98	14.98	49.2	49.2	0	0	0	0	7	7
29	Pratapgarh	9	9	55	55	3428	3428	4145.8	4145.8	800.29	800.29	72.65	72.65	126.92	126.92	0	0	0	0	65	65
30	Rajsamand	14	14	8	8	4700	4700	1420.59	1420.59	1292.87	1293.29	140.04	140.04	338.01	338.01	0	0	0	0	58	58
31	SawaiMadhopur	4	4	0	0	4332	4332	1766.19	1766.19	851.97	851.97	36.5	36.5	292	292	0	0	0	0	108	108
32	Sikar	9	9	0	0	7979	7979	6170.52	6170.52	764.99	764.99	45.24	45.24	181.64	181.64	0	0	0	0	31	31
33	Sirohi	2	2	0	0	2528	2528	1450.35	1450.35	726.42	726.42	11.43	11.43	0	0	0	0	0	0	0	0
34	Tonk	6	6	0	0	3760	3760	1509.54	1509.54	846.24	846.24	41.5	41.5	187.2	187.2	7168	7168	0	0	59	59
35	Udaipur	4	4	9	9	17155	17155	17346.06	17346.06	5311.61	5311.61	51.8	51.8	107.47	107.47	0	0	0	0	25	25
	Grand Total	232	232	91	91	221394	219441	164416.8	162917	63052.5	62247.4	2381.96	2382	6015.07	6015.1	76095	76095	0	0	2268	2268

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED
QUESTION NO. 273 ANSWERED IN THE LOK SABHA ON 03.02.2022**

**RAJASTHAN DISTRICT-WISE RELEASED UNDER DDUGJY (INCLUDING RE) SINCE 2018
TILL 31-12-2021**

Rs. in crore

Sl. No.	Project Name	Release(Rs. Crore)			
		2018-19	2019-20	2020-21	2021-22
1	Ajmer	16	0	-	1
2	Alwar	59	12	-	-
3	Banswara	44	-	-	-
4	Baran	16	-	-	3
5	Barmer	132	10	-	-
6	Bharatpur	17	17	-	2
7	Bhilwara	16	-	-	-0
8	Bikaner	51	4	-	15
9	Bundi	12	2	1	-
10	Chittaurgarh	5	5	-	1
11	Churu	8	1	-	9
12	Dausa	29	3	-	2
13	Dhaulpur	6	-	7	-
14	Dungarpur	34	12	-	27
15	Ganganagar	6	0	-	2
16	Hanumangarh	9	9	-	-
17	Jaipur	94	-	-	-
18	Jaisalmer	13	1	-	-
19	Jalor	24	1	-	1
20	Jhalawar	15	-	-	2
21	Jhunjhun	18	1	-	2
22	Jodhpur	35	3	-	14
23	Karauli	6	12	6	-
24	Kota	10	2	-	0
25	Nagaur	27	-	-	4
26	Pali	18	1	-	6
27	Pratapgarh	9	8	-	6
28	Rajsamand	18	3	9	4
29	Sawai Madhopur	23	5	-	7
30	Sikar	22	0	-	4
31	Sirohi	6	-2	-	2
32	Tonk	17	-	-	0
33	Udaipur	56	-	-	-
34	All District (DDUGJY Addl. Infra)	329	156	94	
35	DDG (DDG offgrid)	13	5		
	Grand Total	1214	273	116	114

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 273 ANSWERED IN THE LOK SABHA ON 03.02.2022

DISTRICT-WISE STATUS OF ADDITIONAL HOUSEHOLD ELECTRIFICATION IN RAJASTHAN UNDER DDUGJY (NEW)

Jaipur Discom							Ajmer Discom							Jodhpur Discom						
District	Sanction			Progress			District	Sanction			Progress			District	Sanction			Progress		
	Off Grid	On Grid	Total	Off Grid	On Grid	Total		Off Grid	On Grid	total	Off Grid	On Grid	Total		Off Grid	On Grid	Total	Off Grid	On Grid	Total
Alwar	0	95	95	0	95	95	Banswara	0	15007	15007	0	2626	2626	Jaisalmer	3471	3613	7084	Work under progress	1175	1175
Baran	0	110	110	0	110	110	Bhilwara	115	0	115	0	0	0	Barmer	159	18516	18575		4325	4325
Bharatpur	0	589	589	0	589	589	Chittorgarh	38	1084	1122	0	1137	1137	Jalore	244	13745	13989		685	685
Bundi	0	0	0	0	0	0	Dungarpur	0	7290	7290	0	4729	4729	Jodhpur	5326	16410	21736		2000	2000
Dausa	150	320	470	0	436	436	Jhunjunu	0	0	0	0	0	0	Pali	586	0	586		0	0
Dholpur	0	26	26	0	26	26	Nagaur	0	15358	15358	0	3724	3724	Sirohi	6806	1390	8196		38	38
Jhalawar	0	420	420	0	420	420	Pratapgarh	284	20705	20989	0	2052	2052	Bikaner	218	14935	15153		2836	2836
Jaipur	0	343	343	0	343	343	Rajsamand	203	8715	8918	0	1056	1056	Churu	975	0	975		0	0
Karauli	552	265	817	0	265	265	Sikar	0	0	0	0	0	0	Hanumangarh	2295	0	2295		0	0
Kota	160	120	280	0	120	120	Udaipur	13431	35141	48572	0	4629	4629	Sri-Ganganagar	1252	0	1252		0	0
SWM	274	86	360	0	86	86	Total	14071	103300	117371	0	19953	19953	Total	21332	68609	89941		11059	11059
Tonk	0	21	21	0	21	21														
Total	1136	2395	3531	0	2511	2511														

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.321
ANSWERED ON 03.02.2022**

STATUS OF IPDS

321. SHRI MANOJ KOTAK:

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

- (a) whether the Government has notified 'Integrated Power Development Scheme' (IPDS) in the year 2014 for strengthening the power sub-transmission and distribution networks in urban areas;**
- (b) if so, the details of the projects undertaken and grant released by the Union Government to State Governments during the last five years and the current year, State-wise including Maharashtra;**
- (c) the details of the targets set and the achievements made under each of the schemes; and**
- (d) the details of the time-frame to complete the pending schemes under IPDS?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d) : Government of India launched the Integrated Power Development Scheme (IPDS) in December, 2014, under which various Distribution Infrastructure projects such as Strengthening of sub-transmission and distribution networks in urban areas; Metering of distribution transformers / feeders / consumers in the urban areas; IT enablement works; Enterprise Resource Planning (ERP); Smart metering; Gas insulated Sub-stations (GIS); and, Real Time Data Acquisition System (RT-DAS) etc. are included.

So far, projects worth Rs.30,834 Crore [with Government of India (GoI) Grant of Rs. 19,350 Crore] have been sanctioned under IPDS covering project components outlined herein, of which GoI grant of Rs.16,716 Crore has been released to the States.

The details of projects undertaken and GoI Grant released under IPDS to the State Governments during the last five years and the current year State-wise including Maharashtra are furnished at Annexures-I and II respectively. The target of infrastructure creation and achievements are given at Annexure-III.

IPDS will close in March 2022 except for some projects which include the ones announced under the Prime Minister's Jammu & Kashmir Development Package – 2015, which would sunset in March 2023.

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 321 ANSWERED IN THE LOK SABHA ON 03.02.2022

Sl. No.	State	IPDS-State-wise details of works executed under different projects											
		Sub-Transmission & Distribution Strengthening Projects							IT Projects				GIS Projects
		New Substations (No.)	Augmentation of Substations (No.)	Over Head Lines (ckm)	Aerial Bunched & Under Ground Cable (ckm)	Installation of New DT (No.)	Consumer Meters (No.)	System Meters (No.)	IT Enablement of Smaller Towns	ERP	Smart Meters (No.)	Real Time Data Acquisition System	GIS Substations (No.)
1	A&N Island										35,863		
2	Andhra Pradesh	104	96	1,366	305	2,856	373,958	7,238	Completed	Completed		Completed in 1 DISCOM	24
3	Arunachal Pradesh	1	-	546	71	470			Completed				
4	Assam	13	39	796	2,459	686	66,782	1,397				Completed	2
5	Bihar	63	148	1,866	8,874	4,913	272,575	6,339	Completed		403,530	Completed	7
6	Chhattisgarh	32	64	1,158	3,420	1,701		569	Completed	Completed			
7	Delhi												
8	Goa						129,551					Completed	1
9	Gujarat	19	55	636	7,388	6,111	876,402	11,535					
10	Haryana	5	5	323	1,342	1,001	6,640		Completed			Completed	1
11	Himachal Pradesh	1	2	141	383	390	41,785	740	Completed	Completed	34,803	Completed	1
12	Jammu & Kashmir	14	44	193	996	839		1,185					2
13	Jharkhand	26	42	538	2,340	1,678	57,475			Completed			
14	Karnataka	7	2	1,407	3,368	3,899	616,789	753	Completed	Completed (2 DISCOMs)			6
15	Kerala	3	12	643	1,399	885	646,392	4,544	Completed	Completed	805	In progress	
16	Ladakh		4	10	50	82		82					
17	Madhya Pradesh	58	133	3,467	3,480	4,390	539,467	6,682	Completed (2 DISCOMs)	Completed	231,438	Completed in 1 DISCOM	

18	Maharashtra	114	116	2,332	6,957	5,048	718,836	552	Completed	Completed			
19	Manipur	4	2	86	640	181	12	356					
20	Meghalaya	6	2	132		53		12		Completed		Completed	2
21	Mizoram	2	2	271	91	55	3,800	62	Completed	Completed		Completed	
22	Nagaland	1	1	227		121	59,000	689		Completed			
23	Odisha	14	92	745	3,424	1,983	313,821	3,142	Completed (3 DISCOMs)	Completed (3 DISCOMs)			
24	Puducherry			4	12	50	35,000						
25	Punjab			453	297	1,736	15,847	3,864	Completed	In progress	73,000		
26	Rajasthan	127	195	746	2,896	2,395	8,177	127	Completed (2 DISCOMs)	Completed	296,706		4
27	Sikkim	1	2	23	120	39	79	517					
28	Tamil Nadu	68	41	6,013	1,900	1,094	2,516,056	49,261		Completed			
29	Telangana	54	54	2,486	568	4,284	230,315	2,214	Completed	Completed		Completed	
30	Tripura	6	1	51	583	437		183		Completed			
31	Uttar Pradesh	196	242	6,066	13,888	7,878	258,897	5,941	Completed	Completed		Completed	
32	Uttarakhand	1	37	175	1,131	291	34,762	1,201	Completed	In progress		Completed	9
33	West Bengal	50	167	1,097	15,810	4,282	735,382	1,505	Completed				5
	Total	990	1,600	33,997	84,192	59,828	8,557,800	110,690			1,076,145		64

(Source: PFC)

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 321 ANSWERED IN THE LOK SABHA ON 03.02.2022

State wise GoI Grant released during last five years and current year as on 17.01.2022 under IPDS Scheme

(Amount Rs. in Crs)

Sl. No.	State	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	FY 2021-2022 (till 17.01.2022)	Total FY17 onwards
1	A&N Islands	-	1	-	-	2	6	10
2	AP	67	232	18	29	101	23	470
3	Arunachal	13	-	-	15	56	23	107
4	Assam	-	103	-	273	75	40	491
5	Bihar	321	20	18	624	315	114	1,412
6	Chhattisgarh	-	40	1	23	169	56	288
7	Delhi	-	-	33	-	57	-	90
8	Goa	-	2	0	11	13	17	44
9	Gujarat	175	130	120	112	84	-	621
10	Haryana	24	13	30	42	72	2	182
11	HP	9	2	21	60	18	17	127
12	J&K/ Ladakh	3	35	-	58	228	17	341
13	Jharkhand	44	89	160	-	75	13	380
14	Karnataka	69	130	350	49	91	64	753
15	Kerala	108	-	0	19	225	39	392
16	Maharashtra	197	160	81	740	110	11	1,299
17	Manipur	21	-	64	-	-	-	85
18	Meghalaya	5	-	9	1	29	11	55
19	Mizoram	12	-	3	5	5	57	82
20	MP	101	71	123	364	202	53	915
21	Nagaland	4	7	8	74	-	7	100
22	Odisha	183	-	247	128	22	9	590
23	Puducherry	-	-	4	-	5	-	9
24	Punjab	20	29	20	120	42	5	236
25	Rajasthan	130	99	-	417	96	41	782
26	Sikkim	-	1	9	15	-	67	92
27	Tamil Nadu	29	250	24	596	27	84	1,010
28	Telangana	39	70	223	11	56	49	449
29	Tripura	-	8	6	24	85	5	127
30	UP	631	635	1,008	111	303	166	2,853
31	Uttarakhand	16	33	87	73	224	44	477
32	West Bengal	112	319	45	607	422	15	1,521
	Total	2,333	2,479	2,713	4,600	3,210	1,055	16,390

(Source: PFC)

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 321 ANSWERED IN THE LOK SABHA ON 03.02.2022**

Targets and Achievements of Infrastructure creation under IPDS

Items (Unit)	Target (awarded quantity by Utilities)	Achievement (Executed quantity by Utilities)*
New Power Sub Station (Nos.)	999	985
HT Lines (cKm)	24,133	23,489
LT Lines (cKm)	10,718	10,416
AB Cable (cKm)	65,016	62,811
UG Cable (cKm)	21,894	20,588
Roof Top Solar Panels (kWp)	46,500	45,725

[*Source: PFC]

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.327
ANSWERED ON 03.02.2022**

CHARGING INFRASTRUCTURE FOR ELECTRIC VEHICLES

**327. SHRI PARVESH SAHIB SINGH VERMA:
SHRI RAMESH BIDHURI:**

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

- (a) the details about power generation and consumption across the country;**
- (b) whether there is a deficit or surplus of electricity across the country and if so, the details thereof, state-wise;**
- (c) whether the Government has taken any steps to encourage/promote use of electric vehicles in the country and if so, the details thereof;**
- (d) whether the Government proposes to take any steps to set up charging infrastructure for electric vehicles in Delhi and NCR and if so, the details thereof;**
- (e) the details of charging stations already set-up/to be set up in Delhi and NCR for electric vehicles, location-wise; and**
- (f) whether the Government also proposes to reduce import tariffs on electric vehicle components or focuses primarily on indigenous solutions to the electric vehicle problems?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : Details of power generation from fuel sources (Thermal, Nuclear & Hydro (25 MW & above) in the country during the last five years and current year 2021-22 (up to December 2021) are given at Annexure-I. Source-wise Renewable Energy Generation in the country from the year 2016-17 to 2021-22 (Up to November 2021) is enclosed at Annexure-II. The total power consumption across the country during 2019-20 is 1248085.82 MU.

(b) : There is adequate availability of electricity in the country and electricity generation is commensurate with the energy requirement. The overall power supply position in the country, is comfortable with only a marginal gap between Energy Requirement and Energy Supplied. Even this gap is generally on account of factors, other than inadequacy of power availability in the country e.g. constraints in distribution network, financial constraints, commercial reasons, outages of generating units etc.

The details of actual All India Power Supply Position during the last two years i.e. 2019-20 & 2020-21 and the current year i.e. 2021-22 (period April, 2021 to December, 2021) are given at Annexure-III.

As per the information given by States to CEA, the State-wise Energy Power Supply Position for the month of December 2021, is given at Annexure-IV.

(c) : Various steps/measures taken by the Government to encourage/promote use of electric vehicles (EV) in the country are at Annexure-V.

(d) : Under Faster Adoption and Manufacturing of Hybrid and Electric Vehicles (FAME-II) scheme, total 177 public EV charging stations have been sanctioned to Delhi NCR region comprising of 72 PCS (Public Charging Station) in Delhi, 55 PCS in NOIDA, 30 PCS in Gurugram, 10 PCS each in Sonipat and Karnal.

Bureau of Energy Efficiency (BEE) is the Central Nodal Agency in regard to looking after the maintenance of details of Electric Vehicle Charging Stations.

(e) : Public EV charging stations allocated to Delhi NCR under FAME-II scheme are given at Annexure-VI.

(f) : Department of Revenue has informed that the current basic customs duty (BCD) rate structure on import of electric vehicle (EV) components is as per the phased manufacturing programme (PMP) notified by Ministry of Heavy Industries. This PMP has prescribed a graded import duty structure, wherein parts attract lower import duty as compared to the finished EV. The PMP seeks to attain higher domestic value addition in the EV sector in a phased manner. However, as on 31.01.2022 there is no proposal to deviate from the import tariff trajectory set out in the PMP.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION
NO. 327 ANSWERED IN THE LOK SABHA ON 03.02.2022**

The information in respect of the details of power generation from fuel sources (Thermal, Nuclear & Hydro (25 MW & above)) in the country during the last five years and current year 2021-22 (up to December 2021)

CATEGORY	Generation (MU)					
	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22 (Up to Dec. 21)*
THERMAL	994230.17	1037059.1	1072223.88	1042747.9	1032513.54	816784.53
NUCLEAR	37915.87	38346.12	37812.59	46472.45	43029.08	34767.25
HYDRO	122377.56	126122.7	134893.61	155769.12	150299.52	126394.71
IMPORT FROM BHUTAN	5617.34	4778.33	4406.62	5794.48	8765.5	7278.12
Total (Conventional)	1160140.94	1206306.25	1249336.7	1250783.91	1234607.64	985224.61

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION
NO. 327 ANSWERED IN THE LOK SABHA ON 03.02.2022**

The information in respect of Source-wise Renewable Energy Generation in the country from the year 2016-17 to 2021-22 (Up to Nov-21)

All India RE Generation Year 2019-20

(All fig. in MUs)

YEAR	Wind	Solar	Biomass	Bagasse	Small Hydro	Others	Renewable Energy Total	Large Hydro*	Total RE including Large Hydro
2019-20	64646.38	50131.09	2937.97	10804.46	9451.24	365.88	138337.02	155769.12	294106.14
2020-21	60149.95	60402.26	3512.98	11302.85	10258.41	1621.06	147247.51	150299.52	297547.03
2021-22 (up to November)	54550.25	45392.31	2250.05	4284.13	8097.94	1451.61	116026.28	118046.85	234073.13

* Large hydro generation Excluding Import from Bhutan

ANNEXURE-III**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 327 ANSWERED IN THE LOK SABHA ON 03.02.2022**

The details of actual All India Power Supply Position during the last two years i.e. 2019-20 & 2020-21 and the current year i.e. 2021-22 (period April, 2021 to December, 2021)

Year	ENERGY [in Million Units (MU)]		
	Energy Requirement	Energy Supplied	Energy Not Supplied
	(MU)	(MU)	(MU)
2019-20	1,291,010	1,284,444	6,566
2020-21	1,275,534	1,270,663	4,871
2021-22 (upto December 2021)	1,030,128	1,025,706	4,423

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION
NO. 327 ANSWERED IN THE LOK SABHA ON 03.02.2022**

Energy Power Supply Position Report				
Figures in MU net				
State	April, 2021 to December, 2021			
	Energy Requirement	Energy Supplied	Energy not Supplied	%
Chandigarh	1,279	1,279	0	0.0
Delhi	24,727	24,722	5	0.0
Haryana	43,811	43,643	167	0.4
Himachal Pradesh	9,060	9,019	40	0.4
UT of J&K and Ladakh	14,670	13,559	1,111	7.6
Punjab	50,971	50,611	360	0.7
Rajasthan	66,106	65,715	391	0.6
Uttar Pradesh	1,00,135	99,040	1,095	1.1
Uttarakhand	11,555	11,492	63	0.5
Chhattisgarh	23,601	23,567	34	0.1
Gujarat	92,198	91,905	294	0.3
Madhya Pradesh	62,149	62,102	46	0.1
Maharashtra	1,26,857	1,26,857	0	0.0
Daman & Diu	1,930	1,925	5	0.3
Dadra & Nagar Haveli	5,100	5,096	4	0.1
Goa	3,338	3,336	1	0.0
Andhra Pradesh	50,321	50,273	48	0.1
Telangana	50,167	50,157	10	0.1
Karnataka	50,523	50,509	14	0.0
Kerala	19,415	19,408	7	0.0
Tamil Nadu	81,679	81,670	9	0.0
Puducherry	2,200	2,200	0	0.0
Lakshadweep #	41	41	0	0.0
Bihar	28,059	27,735	324	0.2
DVC	17,451	17,449	2	0.0
Jharkhand	8,242	7,899	342	4.0
Odisha	28,582	28,578	3	0.0
West Bengal	41,860	41,813	47	0.1
Sikkim	428	428	0	0.0
Andaman-Nicobar #	254	246	8	3.0
Arunachal Pradesh	630	629	1	0.1
Assam	8,513	8,494	19	0.2
Manipur	726	725	1	0.2
Meghalaya	1,629	1,616	13	0.8
Mizoram	486	474	11	2.3
Nagaland	655	654	1	0.1
Tripura *	1,199	1,199	0	0.0
All India	10,30,251	10,25,781	4,470	0.4
# 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.				

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 327 ANSWERED IN THE LOK SABHA ON 03.02.2022

Steps/measures taken to encourage/promote use of electric vehicles (EV) in the country

- **Government of India approved the National Mission on Electric Mobility and subsequently, National Electric Mobility Mission Plan 2020 (NEMMP) was unveiled. The Mission Plan envisages introduction of 5-6 million electric and hybrid electric vehicles in the country by 2020.**
- **Ministry of Heavy Industries formulated a Scheme named 'Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India' (FAME India) Scheme in 2015. At present, Phase-II of FAME India Scheme is being implemented for a period of 5 years with effect from 01.04. 2019 with a total budgetary support of Rs.10,000 crore. This phase focuses on supporting electrification of public and shared transportation and aims to support, through subsidies, 7090 e-Buses, 5 lakh e-3 Wheelers, 55000 e-4 Wheeler Passenger Cars and 10 lakh e-2 Wheelers. In addition, establishment of charging infrastructure is also supported to address range anxiety among users of electric vehicles.**
- **FAME-India Scheme incentives are provided to buyers of electric vehicles in the form of an upfront reduction in the purchase price of electric vehicles. The incentive is linked to battery capacity i.e. Rs.10,000/kWh for e-3W and e-4W with a cap 20% of the cost of vehicle. Further, the incentive/subsidies for e-2W has been increased to Rs.15,000/kWh from Rs.10,000/kWh with an increase in cap from 20% to 40% of the cost of vehicle with effect from 11.06. 2021.**
- **Further initiatives taken by the Government of India for promotion of electric vehicles in the country are:**
 - (i) **GST on electric vehicles has been reduced from 12% to 5%.**
 - (ii) **GST on chargers/ charging stations for electric vehicles has been reduced from 18% to 5%.**
 - (iii) **Ministry of Power (MoP) released a notification on charging infrastructure standards permitting private charging at residences and offices.**
 - (iv) **Ministry of Road Transport & Highways (MoRTH) announced that battery-operated vehicles will be given green license plates and be exempted from permit requirements.**
 - (v) **MoRTH issued a notification advising States to waive road tax on EVs, which in turn will help reduce the initial cost of EVs.**
 - (vi) **Ministry of Housing and Urban Affairs (MoHUA) have made provisions for "Electric Vehicle Charging Infrastructure (EVCI)" by making amendments in Model Building Bye Laws (MBBL), 2016, and Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines, 2014.**
- **Government of India has started a nationwide "Go Electric" media campaign to create awareness among masses regarding benefits from use of EVs and utility charging infrastructure for electric vehicles.**
- **The State level EV policies, defined by some of the States (Andhra Pradesh, Karnataka, Kerala, Delhi, Maharashtra, Uttarakhand, Madhya Pradesh, Tamil Nadu, Uttar Pradesh, Telangana, Bihar, Gujarat, Punjab, Chandigarh, West Bengal etc.) have various measures for promotion of electric transport in the States.**

- **Also in smart city projects, it is mandatory to have charging stations. Various States are now coming with mandatory space for charging stations in new complexes.**
- **MoP has issued clarification, stating that “the activity of charging of battery for use in electric vehicle is a delicensed activity and hence does not require any licence under the provision of Electricity Act 2003”.**
- **MoP has issued comprehensive guidelines and standards for charging infrastructure on 14.12.2018 which was further revised on 01.10.2019 and subsequent amendment issued on 08.06.2020. Consolidated guidelines and standards for charging infrastructure were issued on 04.01.2022. Main points as stipulated in the guidelines and standards are as under:**
 - (i) Private charging at residence / offices using existing electricity connections has been permitted.**
 - (ii) Setting of Public Charging Station (PCS) have been given status of delicensed activity and any individual / entity is free to set up public charging stations subject to compliance of relevant standards and regulations.**
 - (iii) Tariff for supply of electricity for PCS shall be a single part tariff and shall not exceed “Average Cost of Supply” till 31.03. 2025.**
 - (iv) Augmentation of upstream infrastructure required to be carried out by the DISCOM as per the Supply Code of the respective SERC/JERC for installation of PCS for EVs would be eligible to be covered for funding under 'Part-A Distribution Infrastructure' of the Revamped Distribution Sector Scheme (RDSS).**
 - (v) The cost of new upstream infrastructure for installation of PCS shall not be levied on PCS owner/Charging Point Operator (CPO).**
 - (vi) Housing Societies, Malls, Office Complexes, Restaurants, Hotels, etc. are allowed to install PCS for charging of vehicles including charging of visitor’s vehicles permitted to come in its premises.**
 - (vii) Charging stations meant for 100% in-house/captive utilization are free to choose charging specifications as per requirement.**
 - (viii) DISCOMs are directed to provide electricity connection to Public Charging Station (PCS) in accordance with the timelines specified in the “Electricity (Rights of Consumers) Rules 2020”.**
 - (ix) The connection for a PCS shall be provided within 7 days in metro cities, 15 days in other municipal areas and 30 days in rural areas. Appropriate Commission may specify a lesser time limit than the aforementioned limit.**
 - (x) Any PCS/chain of charging station may also obtain electricity from any generation company through open access. Open access shall be provided within 15 days for this purpose. Only cross subsidy charges and transmission & wheeling charges shall be applicable.**

- (xi) Guidelines also include the details of requirements of Public Charging Infrastructure (PCI), PCI for long range EVs and/or heavy duty EVs, Location of PCS, Database of Public EV charging stations, Tariff for supply of electricity to EV PCS and service charge at PCS.**
- (xii) Technical norms for various types of chargers, norms for distribution of Public Charging Infrastructure (PCI) in the cities and along highways, setting up of Central Nodal Agency and phased roll out of PCI have also been enunciated.**
- (xiii) Due to high cost of rent for land and charges provision of land at promotional rates for PCS have been provided in the Guidelines. Land available with Government/Public entities shall be provided to Government/Public entity on a revenue sharing basis at a fixed rate of Rs.1/kWh (used for charging) to be paid to the land owning agency, initially for a period of 10 years.**
- (xiv) Priority for rollout of EV PCI has also depicted in the order. According to that, Phase-I (1-3 Years) covers all Mega Cities with population of 4 Million plus as per census 2011, all existing expressways connected to these Mega Cities & Important Highways connected with each of these Mega Cities may be taken up for coverage. Phase II (3-5 Years) covers big cities like State Capitals, UT headquarters may also be covered for distributed and demonstrative effect. Further, important Highways connected with each of these Mega Cities shall be taken up for coverage.**
- (xv) The guidelines also stipulate that at least one charging station should be available in a grid of 3 km X 3 km. Further, one charging station be setup at every 25 km on both sides of highways / roads. For long range EVs and heavy duty EVs should be at least one charging station at every 100 kms.**

**ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION
NO. 327 ANSWERED IN THE LOK SABHA ON 03.02.2022**

Public EV charging stations allocated to Delhi NCR under FAME-II scheme

S. No.	State	City	EV Charging Stations allotted under FAME-II (Nos.)
1	Delhi	Delhi	32
			40
2	Haryana	Gurugram	30
		Sonipat	10
		Karnal	10
3	Uttar Pradesh	Gautam Budh Nagar (NOIDA)	55
Total (Nos.)			177

Public EV charging stations operational in Delhi NCR region are as mentioned below:

S. No.	State	City	Location of PCS
1	Delhi	Delhi	SDMC Parking, R Block, Gk-1, Delhi-110016
2	Delhi	Delhi	SDMC Parking, Sda Market, HauzKhas, New Delhi, Delhi 110016
3	Delhi	Delhi	EESL Feroze Gandhi Road, Lajpat Nagar, SDMC Parking New Delhi
4	Delhi	Delhi	EESL PVR Priya Vasant Vihar, SDMC Parking New Delhi, Near Gold'S Gym
5	Delhi	Delhi	EESL Meharchand Double Storey Market, SDMC Parking New Delhi
6	Delhi	Delhi	KRDC Tourist Reception Centre Shanmugham Road, Ernakulam, Marine Drive, Kochi Kerala-682031
7	Delhi	Delhi	EESL N-Block Gk-1, SDMC Parking New Delhi
8	Delhi	Delhi	SDMC Parking, R Block, Gk-1, Delhi-110016
9	Delhi	Delhi	SDMC Parking, Sda Market, HauzKhas, New Delhi, Delhi 110016
10	Delhi	Delhi	SDMC Parking, B6, Safderjung Enclave
11	Delhi	Delhi	SDMC Parking, Aurbindo Market Place, Hauz Khas, New Delhi, Delhi 110016
12	Delhi	Delhi	Susma Swaraj Bhawan, MEA, New Delhi
13	Delhi	Delhi	EESL PVR Priya VasantVihar, SDMC Parking New Delhi, Near Plot 7
14	Delhi	Delhi	EESL J-Block, Malviya Nagar, Parking New Delhi
15	Delhi	Delhi	EESL J-Block, Malviya Nagar, Parking New Delhi
16	Delhi	Delhi	Prithviraj Market, Rabindra Nagar, New Delhi- 110003
17	Delhi	Delhi	Outside Rwa Park, Jor Bagh Market, Jor Bagh Colony Road, New Delhi- 110003
18	Delhi	Delhi	Opposite Dory Pharmacy, Khanna Market, Aliganj, Lodhi Colony, New Delhi- 110003
19	Delhi	Delhi	Opposite Goel Optical, Khanna Market, Aliganj, Lodhi Colony, New Delhi- 110003
20	Delhi	Delhi	Dharma Marg, Block Y, Diplomatic Enclave, Malcha Market, New Delhi- 110021
21	Delhi	Delhi	Outside Westend Vedi Tailors, Bock M, Middle Circle, Connaught Place, New Delhi- 110001
22	Delhi	Delhi	Near Ndmc Office, Fire Brigade Lane, Barakhamba, New Delhi- 110001
23	Delhi	Delhi	Opposite Hdfc Bank, M- Block, , Connaught Place, New Delhi- 110001
24	Delhi	Delhi	Outside Oriental Bank, Radial Road No. 7, Block M, Connaught Place, New Delhi- 110001
25	Delhi	Delhi	Ndmc Parking, Near Ferns N Petals, Near Bpcl Petrol Pump, C Block Rr5, Connaught Place, New Delhi- 110001
26	Delhi	Delhi	Ndmc Parking, Near Croma, D Block Rr5, Opposite Bpcl Petrol Pump, Connaught Place, New Delhi- 110001
27	Delhi	Delhi	Next To Pvr Plaza, H Block Rr4, Connaught Place, New Delhi- 110001
28	Delhi	Delhi	Near Woodland Showroom, Block B, Inner Circle, Connaught Place, New Delhi 110001
29	Delhi	Delhi	Opposite Hp Petrol Pump, Block E, Middle Circle, Connaught Place, New Delhi- 110001
30	Delhi	Delhi	Outside Standard Chartered Bank, Sardar Patel Bhawan, SansadMarg, New Delhi- 110001

31	Delhi	Delhi	Outside Iqbal Bros., G1, Block G, Connaught Place, New Delhi- 110001
32	Delhi	Delhi	Outside Bharat Sanchar Bhawan, Ashoke Road, Janpath, New Delhi- 110001
33	Delhi	Delhi	FICCI, FICCI Chowk, Mandi House, Todermal Road Area, Mandi House, New Delhi-110001
34	Delhi	Delhi	Press Club Of India, 1, Raisina Road, Windsor Place, New Delhi 110001
35	Delhi	Delhi	Near Snow White, Block D, Inner Circle, Connaught Place, New Delhi 110001
36	Delhi	Delhi	Outside Van Heusen Showroom, Block C, Inner Circle, Connaught Place, New Delhi 110001
37	Delhi	Delhi	Outside Devinder Collections, Shankar Market, Connaught Place, New Delhi- 110001
38	Delhi	Delhi	Akashvani Bhawan, Sansad Marg, New Delhi 110001
39	Delhi	Delhi	Outside Chelmsford Club/ Opposite Csir Building, Rafi Marg, Sansad Marg Area, New Delhi 110001
40	Delhi	Delhi	Yashwant Place, Chanakyapuri, New Delhi- 110021
41	Delhi	Delhi	Opposite Ivory Mart, F Block, Inner Circle, Connaught Place, New Delhi 110001
42	Delhi	Delhi	Near Bikanervala, Yashwant Place, Chanakyapuri, New Delhi- 110021
43	Delhi	Delhi	Dharma Marg, Block Y, Diplomatic Enclave, Malcha Market, New Delhi- 110021
44	Delhi	Delhi	Laxmi Bai Market, Safderjung Flyover, New Delhi
45	Delhi	Delhi	Near Icici Bank/Metro Gate No. 7 & 8, Block A, Inner Circle, Connaught Place, New Delhi 110001
46	Delhi	Delhi	Sarajini Nagar Market, Sarajini Nagar, New Delhi- 110023
47	Delhi	Delhi	Gopal Das Building, Barakhamba Road, Connaught Lane, Barakhamba, New Delhi 110001
48	Delhi	Delhi	Outside Jain Bhawan, 12 Shaheed Bhagat Singh Marg, Gole Market, New Delhi- 110001
49	Delhi	Delhi	Side Of Hotel Claridges, Tees January Marg, Dr. APJ Abdul Kalam Road, New Delhi- 110003
50	Delhi	Delhi	Indian Coffee House, Connaught Place, New Delhi
51	Delhi	Delhi	Khan Market, Rabindra Nagar, New Delhi- 110003
52	Delhi	Delhi	Charak Palika Hospital, C7 Lane, Moti Bagh 1, Blok F, New Moti Bagh, New Delhi 110021
53	Delhi	Delhi	Hotel Claridges, Tees January Marg, Dr. APJ Abdul Kalam Road, New Delhi- 110003
54	Delhi	Delhi	Janpath Guest House, Connaught Place, New Delhi
55	Delhi	Delhi	Khan Market, Rabindra Nagar, New Delhi- 110003
56	Delhi	Delhi	Outside Uco Bank, Block H, Rr3, Connaught Place, New Delhi
57	Delhi	Delhi	Charak Palika Hospital, C7 Lane, Moti Bagh 1, Blok F, New Moti Bagh, New Delhi 110021
58	Delhi	Delhi	Opposite South Indian Bank, Block E, Rr6, Middle Circle, Connaught Place, New Delhi- 110001
59	Delhi	Delhi	Outside Chelmsford Club/ Opposite CSIR Building, Rafi Marg, Sansad Marg Area, New Delhi 110001
60	Delhi	Delhi	Outside Chelmsford Club/ Opposite CSIR Building, Rafi Marg, Sansad Marg Area, New Delhi 110001
61	Delhi	Delhi	PSOI Club, Chanakyapuri, New Delhi 110021
62	Delhi	Delhi	Outside Chelmsford Club/ Opposite CSIR Building, Rafi Marg, Sansad Marg Area, New Delhi 110001
63	Delhi	Delhi	Outside Chelmsford Club/ Opposite Csir Building, Rafi Marg, Sansad Marg Area, New Delhi 110001
64	Delhi	Delhi	PSOI Club, Chanakyapuri, New Delhi 110021
65	Delhi	Delhi	Outside Chelmsford Club/ Opposite Csir Building, Rafi Marg, Sansad Marg Area, New Delhi 110001
66	Delhi	Delhi	Gate No. 1, Lodhi Garden, Lodhi Estate, Lodhi Road, New Delhi 110003
67	Delhi	Delhi	Talkatora Stadium, President's Estate, New Delhi-110004
68	Delhi	Delhi	Talkatora Stadium, President's Estate, New Delhi-110004
69	Delhi	Delhi	DLF Building, Sansad Marg, Janpath, Connaught Place, New Delhi 110001.
70	Delhi	Delhi	Talkatora Garden, President's Estate, New Delhi-110004
71	Delhi	Delhi	Talkatora Garden, President's Estate, New Delhi-110004
72	Delhi	Delhi	NDMC Parking, Dilli Haat, West Kidwai Nagar, New Delhi 110023
73	Delhi	Delhi	Palika Maternity Hospital, Block 11, Lodhi Colony, Near Khanna Market, New Delhi 110003

74	Delhi	Delhi	Gate No. 1, Lodhi Garden, Lodhi Estate, Lodhi Road, New Delhi 110003
75	Delhi	Delhi	NDMC Parking, Dilli Haat, West Kidwai Nagar, New Delhi 110023
76	Delhi	Delhi	NDMC Parking, Dilli Haat, West Kidwai Nagar, New Delhi 110023
77	Delhi	Delhi	Charger 4,C/O SDMC, Gk-1 N Block Market, New Delhi,, Delhi - 110048
78	Delhi	Delhi	Charger 5, C/O SDMC, Gk-1 N Block Market, New Delhi,, Delhi - 110048
79	Delhi	Delhi	Ev Parking Slot 5, SDMC Parking, N Block Market, Greater Kailash - 1 , 110048
80	Delhi	Delhi	Ev Parking Slot 2, SDMC Parking, Hauz Khas Village, Hauz Khas - 1 , 110016
81	Delhi	Delhi	C/O SDMC Hauz Khas Village New Delhi, Delhi - 110016
82	Delhi	Delhi	Charger 6, C/O SDMC, Gk-1 N Block Market, New Delhi,, Delhi - 110048
83	Delhi	Delhi	EV Parking Slot 3-5, SDMC Parking, N Block Market, Greater Kailash - 1 , 110048
84	Delhi	Delhi	C/O SDMC HauzKhas Village New Delhi, Delhi - 110016
85	Delhi	Delhi	PVR Priya Vasant Vihar
86	Delhi	Delhi	Meharchand Double Storey Market
87	Delhi	Delhi	Meharchand Double Storey Market
88	Delhi	Delhi	R.K. Puram Sector 12 Market
89	Delhi	Delhi	R. K. Puram Sector 12 Market
90	Delhi	Delhi	Nehru Place Plot 81-85, SDMC New Delhi
91	Delhi	Delhi	Nehru Place Plot 81-85, SDMC New Delhi
92	Delhi	Delhi	EESL H-Block, Sarita Vihar, SDMC Parking New Delhi
93	Delhi	Delhi	EESL, Plot 81-85, Nehru Place, SDMC Parking, New Delhi
94	Delhi	Delhi	Ev Parking Slot 5, SDMC Parking, N Block Market, Greater Kailash - 1 , 110048
95	Delhi	Delhi	Ev Parking Slot 2, SDMC Parking, Hauz Khas Village, Hauz Khas - 1 , 110016
96	Delhi	Delhi	Charger 2, SDMC Parking, Hauz Khas Village, New Delhi
97	Delhi	Delhi	EESL PVR Priya Vasant Vihar, SDMC Parking New Delhi, Near Gold'S Gym
98	Delhi	Delhi	C/O SDMC, Dwarka Sec 6 Market, New Delhi
99	Delhi	Delhi	C/O SDMC, The Janak CC, Janakpuri, New Delhi
100	Delhi	Delhi	C/O SDMC Hauz Khas Village New Delhi, Delhi - 110016
101	Delhi	Delhi	C/O SDMC Hauz Khas Village New Delhi, Delhi - 110016
102	Delhi	Delhi	Gate No. 1, Lodhi Garden, Lodhi Estate, Lodhi Road, New Delhi 110003
103	Delhi	Delhi	Gate No. 1, Lodhi Garden, Lodhi Estate, Lodhi Road, New Delhi 110003
104	Delhi	Delhi	Hotel Claridges, Tees January Marg, Dr. APJ Abdul Kalam Road, New Delhi- 110003
105	Delhi	Delhi	Back Side Of NDMC Office Sub Station, Hotel Claridges, Tees January Marg, Dr. APJ Abdul Kalam Road, New Delhi- 110003
106	Delhi	Delhi	Akashvani Bhawan, Sansad Marg, New Delhi 110001
107	Delhi	Delhi	Akashvani Bhawan, Sansad Marg, New Delhi 110001
108	Delhi	Delhi	FICCI, FICCI Chowk, Mandi House
109	Delhi	Delhi	Near NDMC Office, Fire Brigade Lane, Barakhamba, New Delhi- 110001
110	Delhi	Delhi	Near NDMC Office, Fire Brigade Lane, Barakhamba, New Delhi- 110001
111	Delhi	Delhi	Talkatora Stadium, President's Estate, New Delhi110004
112	Delhi	Delhi	Talkatora Garden, President's Estate, New Delhi110004
113	Delhi	Delhi	Tara Mandal Nehru Planetarium, NDMC , New Delhi
114	Delhi	Delhi	Nehru Park , NDMC, New Delhi
115	Delhi	Delhi	Netaji Nagar, NDMC, New Delhi
116	Delhi	Delhi	Kali Mandir Lane, NDMC, New Delhi
117	Delhi	Delhi	Mahatma Gandhi Samriti, Ndmc, New Delhi
118	Delhi	Delhi	Lodhi Garden Gate No. 4
119	Delhi	Delhi	Outside Ndmc Bharat Ghar,Chanakyapur,Ndmc , New Delhi
120	Delhi	Delhi	Talkatora Garden, President'S Estate, New Delhi110004
121	Delhi	Delhi	Talkatora Stadium, President'S Estate, New Delhi110004
122	Delhi	Delhi	Mahatma Gandhi Samriti, Ndmc, New Delhi
123	Delhi	Delhi	Mahatma Gandhi Samriti, Ndmc, New Delhi
124	Delhi	Delhi	Mahatma Gandhi Samriti, Ndmc, New Delhi
125	Delhi	Delhi	Netaji Nagar, Ndmc, New Delhi
126	Delhi	Delhi	Netaji Nagar, Ndmc, New Delhi

127	Delhi	Delhi	Netaji Nagar, Ndmc, New Delhi
128	Delhi	Delhi	Kali Mandir Lane, Ndmc, New Delhi
129	Delhi	Delhi	Kali Mandir Lane, Ndmc, New Delhi
130	Delhi	Delhi	Kali Mandir Lane, Ndmc, New Delhi
131	Delhi	Delhi	Tara Mandal Nehru Planetarium, Ndmc , New Delhi
132	Delhi	Delhi	Tara Mandal Nehru Planetarium, Ndmc , New Delhi
133	Delhi	Delhi	Tara Mandal Nehru Planetarium, Ndmc , New Delhi
134	Delhi	Delhi	Nehru Park, Ndmc , New Delhi
135	Delhi	Delhi	Nehru Park, Ndmc , New Delhi
136	Delhi	Delhi	Nehru Park, Ndmc , New Delhi
137	Delhi	Delhi	Outside Ndmc Bharat Ghar,Chanakyapur,Ndmc , New Delhi
138	Delhi	Delhi	Lodhi Garden Gate No. 4
139	Delhi	Delhi	Lodhi Garden Gate No. 4
140	Delhi	Delhi	Lodhi Garden Gate No. 4
141	Delhi	Delhi	Noida Authority Parking, Sector 27: Cambridge School, Noida G B Nagar, Uttar Pradesh - 201301
142	Delhi	Delhi	SDMC Parking, PvrAnupamSaket, New Delhi
143	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
144	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
145	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
146	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
147	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
148	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
149	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
150	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
151	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
152	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
153	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
154	Delhi	Delhi	Rajauri Garden Metro Station Pink Line
155	Delhi	Delhi	Rajasthan Highway Service Station, Ioc Petrol Pump, 13/5, Delhi Gurgaon Road, Kapashera Border, Delhi, Delhi - 110021
156	Delhi	Delhi	Rajasthan Highway Service Station, Ioc Petrol Pump, 13/5, Delhi Gurgaon Road, Kapashera Border, Delhi, Delhi - 110021
157	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
158	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
159	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
160	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
161	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
162	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
163	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
164	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
165	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
166	Delhi	Delhi	Vasant Kunj Marg, Near Chattarpur Metro Station
167	Delhi	Delhi	Model Co-Op Society - Kapasehra Border, Delhi
168	Delhi	Delhi	Model Co-Op Society - Kapasehra Border, Delhi
169	Delhi	Delhi	Anand Service Station, NH-8, Near Radisson Hotel, Rangpuri, Mahipalpur
170	Delhi	Delhi	Anand Service Station, Nh-8, Near Radisson Hotel, Rangpuri, Mahipalpur
171	Delhi	Delhi	HPCL Bedi Motors Race Course Road
172	Delhi	Delhi	HPCL Bedi Motors Race Course Road
173	Delhi	Delhi	HPCL Batra Car Care, Humayun Road
174	Delhi	Delhi	HPCL Batra Car Care, Humayun Road
175	Delhi	Delhi	IOCL Paras Automobile, Bijwasan
176	Delhi	Delhi	IOCL Paras Automobile, Bijwasan
177	Delhi	Delhi	IOCL Guru Service Station, Sector 12 Dwarka
178	Delhi	Delhi	IOCL Guru Service Station, Sector 12 Dwarka
179	Delhi	Delhi	Auto Care, Neeti Marg
180	Delhi	Delhi	Auto Care, Neeti Marg
181	Delhi	Delhi	Om Service Station, Singhu Border
182	Delhi	Delhi	Om Service Station, Singhu Border
183	Delhi	Delhi	NTPC Badarpur - Eco Park

184	Delhi	Delhi	NtpcBadarpur - Eco Park
185	Delhi	Delhi	Ajit Motors, Indianoil Ro
186	Delhi	Delhi	Speedways, Indianoil Ro
187	Delhi	Delhi	Golden Goal, Indianoil Ro
188	Delhi	Delhi	Kapur Auto Service Station, Indianoil Ro
189	Delhi	Delhi	Lotus Automobile, Indianoil Ro
190	Delhi	Delhi	Mahendra Service Station, Indianoil Ro
191	Delhi	Delhi	Chanakyapuri Station, Indianoil Ro
192	Delhi	Delhi	Ram Murtee Fuels, Indianoil Ro
193	Delhi	Delhi	Ashish Services, Indianoil Ro
194	Delhi	Delhi	Car Care, Indianoil Ro
195	Delhi	Delhi	Super Auto, Indianoil Ro
196	Delhi	Delhi	Millennium Petrocare, Indianoil Ro
197	Delhi	Delhi	Centre Half Service Station
198	Delhi	Delhi	Engineer Service Station
199	Delhi	Delhi	Khyber Service Station
200	Delhi	Delhi	Jindal S Stn
201	Delhi	Delhi	Rajasthan Rajpath S Stn
202	Delhi	Delhi	Guru Service Station
203	Delhi	Delhi	Paras Automobiles
204	Delhi	Delhi	Devsena
205	Delhi	Delhi	Sethi Auto
206	Delhi	Delhi	Satbir Auto
207	Delhi	Delhi	Irwin Road S Stn
208	Delhi	Delhi	Rajasthan Highway
209	Delhi	Delhi	Moolchand Motors- VasantVihar
210	Delhi	Delhi	Ajeet Motors
211	Delhi	Delhi	Speedways
212	Delhi	Delhi	Kingsway Service Station
213	Delhi	Delhi	Satya Service Station Janakpuri
214	Delhi	Delhi	Scorpio Petro, Sec 12, Dwarka
215	Delhi	Delhi	Arora, Pitampura
216	Delhi	Delhi	Priyanka Filling Station, Rohini
217	Delhi	Delhi	Delhi Diesels
218	Delhi	Delhi	Satya S Stn
219	Delhi	Delhi	Golden Goal S Stn
220	Delhi	Delhi	Sanjeev Filling Station
221	Delhi	Delhi	Welcome Motors
222	Delhi	Delhi	Bhasin Service Station
223	Delhi	Delhi	Nineteenth Hole Service Station
224	Delhi	Delhi	Sabarwal Service Station
225	Delhi	Delhi	Coco Masjid Moth
226	Delhi	Delhi	Hundred Percent F Station
227	Delhi	Delhi	Ramesh S S
228	Delhi	Delhi	Intimate Service Station
229	Delhi	Delhi	Rajkumar Service Station
230	Delhi	Delhi	Rashmi Auto
231	Delhi	Delhi	R K Service Station
232	Delhi	Delhi	Jai SaiMotorsokhla
233	Delhi	Delhi	Welcome Motors
234	Delhi	Delhi	Aman Fill Point
235	Delhi	Delhi	City Auto, Rohini
236	Delhi	Delhi	Chitra Service Station, Dwarka
237	Delhi	Delhi	Gee Kay Services
238	Delhi	Delhi	Ganga Petro
239	Delhi	Delhi	City Service Centre
240	Delhi	Delhi	Fortune S S
241	Delhi	DELHI	Badus Petro
242	Delhi	DELHI	Citi Fuels

243	Delhi	DELHI	Khairwal Petroleum
244	Delhi	DELHI	Gay Service Station
245	Delhi	DELHI	Lotus Automobile
246	Delhi	DELHI	Ram Murtee Fuels
247	Delhi	DELHI	Chanakyapuri Station
248	Delhi	Delhi	Coco NitiMarg
249	Delhi	Delhi	Coco Jungpura
250	Delhi	Delhi	Service Circle Ashram Chowk
251	Delhi	Delhi	Batra Car Care Chnakyapuri
252	Delhi	Delhi	Bedi Motor Chnakyapuri
253	Delhi	Delhi	Auto Care Centre Nitimarg
254	Delhi	Delhi	Anand Service Station Mahipalpur
255	Delhi	Delhi	Om Service Station Singh Border
256	Delhi	Delhi	Associated Service Station Alipur Road
257	Delhi	Central Delhi	Block B Rama, Road, Moti Nagar
258	Delhi	Central Delhi	New Delhi, Railway Station, Pahar Ganj Side Circulation Area
259	Delhi	Central Delhi	Dr Spm Civic Centre, Minto Road, Skd Basti, Press Enclave, Ajmeri Gate, New Delhi, Delhi, 110002
260	Delhi	East Delhi	Gate No. 2, Anand Vihar Bus Terminal, Delhi- 110092
261	Delhi	East Delhi	Exit Gate, Cross River Mall Cbd, Delhi - 110032
262	Delhi	East Delhi	C-23 West Vinod Nagar, Narwana Road, Opp. Sawaswati Kunj Appt. I.P Extn., Patparganj, Delhi 110092
263	Delhi	South Delhi	South Delhi
264	Delhi	South Delhi	Delhi-Mathura Crossing, Ring Road, Maharani Bagh, Near Ashram Chowk, New Delhi, Delhi 110014
265	Delhi	South Delhi	Nizamuddin, Nizamuddin East, New Delhi, Delhi 110013
266	Delhi	South Delhi	South Delhi
267	Delhi	South Delhi	Rd Number 237, Jj Colony, Uttam Nagar, Delhi, 110059
268	Delhi	West Delhi	Kos Minar Rd, Jasola, New Delhi, Delhi 110025
269	Delhi	South Delhi	Ndse Grid, Brpl South Extension
270	Delhi	South Delhi	Scada Office Kalka Ji
271	Delhi	South Delhi	Ashram Chowk Mathura Road
272	Delhi	South Delhi	Nizamuddin Railway Station
273	Delhi	South Delhi	Bses Head Office Bhawan Nehru Place
274	Delhi	West Delhi	Uttam Nagar East Metro Station
275	Delhi	South Delhi	Mukteshwar Dham Andheriya Bagh, Mehrauli
276	Delhi	South Delhi	Kapashera Estate, VasantKunj
277	Delhi	South Delhi	Kotla Maigram Village, Jasola, Nfc
278	Delhi	West Delhi	Scorpio Petro ,Sector 18 A, Near IglCng Station ,Dwarka
279	Delhi	West Delhi	Satya Service Station ,Indane Oil Petrol Near Om Sweets , Jail Road Harinagar
280	Delhi	South Delhi	Pocket -5 , Sector B Vasant Square Mall, Vasant Kunj Marg South Delhi -110070
281	Delhi	South Delhi	Parking Jamialslamia Metro Station, South Delhi -110025
282	Delhi	west Delhi	Basment 1 And 2 District Center Janakpuri Below Delhi 110058
283	Delhi	South Delhi	SDMC Parking, Defence Colony, Ip Estate, New Delhi-110002
284	Delhi	South Delhi	SDMC Parking Kamal Cinema, Safdarjang Enclave, New Delhi-110016
285	Delhi	South Delhi	SDMC Parking, Sapna Cinema, New Delhi-110065
286	Delhi	South Delhi	SDMC Parking, Max Hospital, Saket , New Delhi-
287	Delhi	West Delhi	Plot 64,65 Kh 109/11 Blk-B Shop At Gali No 21 Bharat Vihar Raja Puri U Nagar New Delhi 110059
288	Delhi	South Delhi	Block-B , B-6 Market - - Safdarjung Enclave - New Delhi 110029
289	Delhi	South Delhi	Dttcd Office Defence Colony Delhi 110024
290	Delhi	South Delhi	Community Center 61 Basant Nagar BasantLok Delhi 110027
291	Delhi	South Delhi	Speedways Service Centre Iocl Pump Jail Road Hari Nagar Mayapuri Opposite Delhi 110064
292	Delhi	South Delhi	SDMC Parking Green Park Site -2 Market Near House Of Diagnostic Delhi 110016
293	Delhi	South Delhi	SDMC Parking Gk-1 Greater Kailash M Block Market Delhi 110048
294	Delhi	South Delhi	Nagar- Part 3 Lajpat Ring Road A Block Near Bus Stop Delhi 110024
295	Delhi	South Delhi	Extension - 1 South Ring Road J Block Near Bus Stop Delhi 110049
296	Delhi	Delhi	New Delhi Railway Station, PaharGanj

297	Delhi	Delhi	New Delhi Railway Station, Ajmeri Gate
298	Delhi	Delhi	Anand Vihar Railway Station
299	Delhi	Delhi	Khosla Capital Solutions (P) Ltd
300	Delhi	Delhi	Shakti Kiran Building
301	Delhi	Delhi	Shakti Kiran Building
302	Delhi	Delhi	Shakti Kiran Building, Cbd-Ii Grid
303	Delhi	Delhi	Shakti Kiran Building, Mtnl Cbd Grid
304	Delhi	Delhi	Corporate Annexe Building, Cbd-Iii, Karkardooma
305	Delhi	Delhi	Plug & Go, Near Swati Appt, Narwana Road, Patparganj
306	Delhi	Delhi	E-Rickshaw Charging (929 Nos Of Connections)
307	Delhi	Delhi	Block B, No. 57, Rama Road, Motinagar
308	Delhi	Delhi	House No 16 Additional Floor Portion Ground Floor Blk- A-1 Parshant Vihar
309	Delhi	Delhi	Kingsway Camp
310	Delhi	Delhi	Plot 1A, 3 District Centre, Sector-10, Rohini
311	Delhi	Delhi	Road No. 316, Mangolpuri Ph-1 Industrial Area
312	Delhi	Delhi	Near Hans Cinema, Azadpur
313	Delhi	Delhi	Civil Lines
314	Haryana	Faridabad	Raj Auto Service, Nit, Batamorh - Hpcl
315	Haryana	Faridabad	Raj Auto Service, Nit, Batamorh- Hpcl
316	Haryana	Faridabad	HTC Aravali Golf Course
317	Haryana	Faridabad	Sansad Shaheed B S Adana
318	Haryana	Gurugram	Sainik Flg Stn, Hpcl Petrol Pump, Delhi -Jaipur Road, Binola
319	Haryana	Gurugram	Sainik Flg Stn ,Hpcl Petrol Pump, Delhi -Jaipur Road, Binola
320	Haryana	Gurugram	Sita Services, Indianoil Ro
321	Haryana	Gurugram	Metro Filling Station
322	Haryana	Gurugram	Maitri Motors
323	Haryana	Gurugram	Shree Shyam Petro Care
324	Haryana	Gurugram	JRO Manesar-Cash Sales
325	Haryana	Gurugram	Shri Deep Petro - Sector 52 A
326	Haryana	Gurugram	Sita Service Station
327	Haryana	Gurugram	Aakash Brothers Wajirabad, Sec 52
328	Haryana	Gurugram	Vijay Brothers Shivaji Nagar, Sec 11
329	Haryana	Gurugram	Fuel Junction Phase 2, DLF Cyber City
330	Haryana	Gurugram	24 Seven Filling Station
331	Haryana	Gurugram	United Petroleum
332	Haryana	Gurugram	Golf Ex Gas Station
333	Haryana	Gurugram	A S Cahar Fuels
334	Haryana	Gurugram	Deep Brothers
335	Haryana	Gurugram	Bansal Petro Binola
336	Haryana	Gurugram	Sainik Filling Station Binola
337	Haryana	Gurugram	Hindustan Fuels Sector-48
338	Haryana	Gurugram	Bhole Shankar Filling Stationgwal Pahadi
339	Uttar Pradesh	Noida	Near Tata Advance Systems, Sector- 59, Noida
340	Uttar Pradesh	Noida	Side Parking Of Hcl Building, Sector-8, Noida
341	Uttar Pradesh	Noida	In Front Of Affinity Salon, Sector- 51, Noida
342	Uttar Pradesh	Noida	KTDC Tourist Reception Centre, Shanmugham Road, Ernakulam, Marine Drive, Kochi, Kerala-682031
343	Uttar Pradesh	Noida	Between Kirti Mann Plaza And Nmc Hospital Sector 30 Noida
344	Uttar Pradesh	Noida	Between Kirti Mann Plaza And Nmc Hospital Sector 30 Noida
345	Uttar Pradesh	Noida	Ganga Shopping Complex, Sector 29, Noida, Uttar Pradesh 201301
346	Uttar Pradesh	Noida	Ganga Shopping Complex, Sector 29, Noida, Uttar Pradesh 201301
347	Uttar Pradesh	Noida	Opp Sasta Sundar Hospital Sector 58 Noida
348	Uttar Pradesh	Noida	Between Kirti Mann Plaza And Nmc Hospital Sector 30 Noida
349	Uttar Pradesh	Noida	Sector 142, Noida, Uttar Pradesh, 201305
350	Uttar Pradesh	Noida	Sector 15, Nithari, Noida, Dadri, Gautam Buddha Nagar, Uttar Pradesh, 201301, India
351	Uttar Pradesh	Noida	Near Rto Office sector 33A, Noida, Ghaziabad, Uttar Pradesh, 201301, India
352	Uttar Pradesh	Noida	Ganga Shopping Complex, Sector 29, Noida, Uttar Pradesh 201301
353	Uttar Pradesh	Noida	Road Between Sector 124 & 125 And Beside Spcl Sector Road, Noida, Uttar Pradesh, 201313
354	Uttar Pradesh	Noida	Noida Authority Parking At Central Market, Sector-50, Noida-201301
355	Uttar Pradesh	Noida	Noida Authority Parking At Central Market, Sector-50, Noida-201301
356	Uttar Pradesh	Noida	Noida Authority Parking At Central Market, Sector-50, Noida-201301
357	Uttar Pradesh	Noida	Sector 61 Opposite Shopprix Mall , Noida, Uttar Pradesh, 201305
358	Uttar Pradesh	Noida	Electronic City , Metro Station Parking Gate No.2, Noida - 201301

359	Uttar Pradesh	Noida	H Block Market, Haldiram, Car Parking , Sector - 63 , Noida - 201301
360	Uttar Pradesh	Noida	Noida Authority Parking, Near Metro Station, Sector-16, Noida-201301
361	Uttar Pradesh	Noida	In Front Of Marie Gold Exports Ltd, A Block, Sector-64, Noida
362	Uttar Pradesh	Noida	In Front Of Hexagon Pvt Ltd, Sector-65, Noida
363	Uttar Pradesh	Noida	Noida Authority Parking At H-Block Market, Near Haldiram, Sector-63, Noida-201301
364	Uttar Pradesh	Noida	Noida Authority Parking At H-Block Market, Near Haldiram, Sector-63, Noida-201301
365	Uttar Pradesh	Noida	Noida Authority Parking Near Electronic City Metro Station Sec-63, Noida-201301
366	Uttar Pradesh	Noida	Noida Authority Parking Near Electronic City Metro Station Sec-63, Noida-201301
367	Uttar Pradesh	Noida	Between Kirti Mann Plaza And Nmc Hospital Sector 30 Noida
368	Uttar Pradesh	Noida	Between Kirti Mann Plaza And Nmc Hospital Sector 30 Noida
369	Uttar Pradesh	Noida	Near Rto Office sector 33A, Noida, Ghaziabad, Uttar Pradesh, 201301, India
370	Uttar Pradesh	Noida	Near Rto Office sector 33A, Noida, Ghaziabad, Uttar Pradesh, 201301, India
371	Uttar Pradesh	Noida	Road Between Sector 124 & 125 And Beside Spcl Sector Road, Noida, Uttar Pradesh, 201313
372	Uttar Pradesh	Noida	Road Between Sector 124 & 125 And Beside Spcl Sector Road, Noida, Uttar Pradesh, 201313
373	Uttar Pradesh	Noida	Sector 142, Near Advant Chowk Noida, Uttar Pradesh, 201305
374	Uttar Pradesh	Noida	Sector 142, Near Advant Chowk Noida, Uttar Pradesh, 201305
375	Uttar Pradesh	Noida	Sector 61 Opposite Shopprix Mall , Noida, Uttar Pradesh, 201305
376	Uttar Pradesh	Noida	Sector 61 Opposite Shopprix Mall , Noida, Uttar Pradesh, 201305
377	Uttar Pradesh	Noida	Noida Authority Parking At Central Market, Sector-50, Noida-201301
378	Uttar Pradesh	Noida	Noida Authority Parking At Central Market, Sector-50, Noida-201301
379	Uttar Pradesh	Noida	Sector 15, Nithari, Noida, Dadri, Gautam Buddha Nagar, Uttar Pradesh, 201301, India
380	Uttar Pradesh	Noida	Charger 1, Sector 2: State Bank Of Lndia, Noida - Up
381	Uttar Pradesh	Noida	Charger 2, Sector 2: State Bank Of Lndia, Noida - Up
382	Uttar Pradesh	Noida	Charger 1, Sector 3: G-1 To G-50, Noida - Up
383	Uttar Pradesh	Noida	Charger 2, Sector 3: G-1 To G-50, Noida - Up
384	Uttar Pradesh	Noida	Charger 1, Sector 3: F-7 To F-8, Noida Up
385	Uttar Pradesh	Noida	Charger 2, Sector 3: F-7 To F-8, Noida Up
386	Uttar Pradesh	Noida	Charger 1, Sector 6: Reception Noida Authority, Noida, Up
387	Uttar Pradesh	Noida	Charger 2, Sector 6: Reception Noida Authority, Noida, Up
388	Uttar Pradesh	Noida	Noida Authority Parking, Spice Mall Plot Area, Sector-25A, Noida-201301
389	Uttar Pradesh	Noida	Noida Authority Parking, Spice Mall Plot Area, Sector-25A, Noida-201301
390	Uttar Pradesh	Noida	Noida Authority Parking, Near Metro Station, Sector-16, Noida-201301
391	Uttar Pradesh	Noida	Noida Authority Parking, Near Metro Station, Sector-16, Noida-201301
392	Uttar Pradesh	Noida	Noida Authority Parking,G-1 To G-50, Sector-3, Noida-201301
393	Uttar Pradesh	Noida	Noida Authority Parking, F-7 To F-8, Sector-3, Noida-201301
394	Uttar Pradesh	Noida	Noida Authority Parking, Spice Mall Plot Area, Sector-25A, Noida-201301
395	Uttar Pradesh	Noida	Noida Authority Parking, Opp. C&R Textiles, Sec-60 Noida
396	Uttar Pradesh	Noida	Noida Authority Parking, Near B-14, Sector 2 Noida
397	Uttar Pradesh	Noida	Noida Authority Parking, Reception Noida Authority, Sector-6, Noida-20301
398	Uttar Pradesh	Noida	Noida Authority Parking, Near A-12, Sector 16, Noida, Noida G B Nagar
399	Uttar Pradesh	Noida	Noida Authority Parking, Near Metro Station, Sector-16, Noida-201301
400	Uttar Pradesh	Noida	Noida Authority Parking, Sector 62: On Street, Noida-201301, Noida G B Nagar, Uttar Pradesh - 201301
401	Uttar Pradesh	Noida	Noida Authority Parking, Sector 62: Off Street, Noida-201301, Noida G B Nagar Uttar Pradesh - 201301
402	Uttar Pradesh	Noida	Noida Authority Parking, Sector 24: Front Of Esi Hospital, Noida, Noida G B Nagar, Uttar Pradesh - 201301
403	Uttar Pradesh	Noida	Noida Authority Parking , Sector 41: C-98, Market Road Side Parkin, Noida G B Nagar, Uttar Pradesh - 201301
404	Uttar Pradesh	Noida	Noida Authority Parking, Sector 41: Village AgahpurDsc Road, Noida G B Nagar, Uttar Pradesh - 201301
405	Uttar Pradesh	Noida	Noida Authority Parking, A Block, Sec-64, In Front Of Marie Gold Exports Ltd, Noida G B Nagar, Uttar Pradesh - 201301
406	Uttar Pradesh	Noida	Noida Authority Parking, Sector-65, I Front Of Hexagon Pvt. Ltd, Noida G B Nagar, Uttar Pradesh - 201301
407	Uttar Pradesh	Noida	Noida Authority Parking, Sector 27: Cambridge School, Noida G B Nagar Uttar Pradesh - 201301
408	Uttar Pradesh	Noida	Shaheed Major Anurag, Sec-62
409	Haryana	Sonipat (NH-1)	Garv Auto Care
410	Haryana	Sonipat (NH-1)	Ambay Oil Company

411	Haryana	KARNAL	Vs Filling Station, Sarai Kohand, Karnal (A)
412	Haryana	KARNAL	M/S Sai Services, Jhanjhari, Kurukshetra
413	Haryana	Palwal	Ashirwad
414	Haryana	Palwal	Coco Hodal
415	Haryana	Jind	Deep Highway Fuels
416	Haryana	KARNAL	Veer Filling Station
417	Haryana	PANIPAT	Shiv Fuel Ksk
418	Haryana	KARNAL	Shri Sai Nath Filling Station Ksk
419	Haryana	KARNAL	Shri Duli Chand Ksk
420	Haryana	Sonepat	Kasana Golden
421	Haryana	Panipat	Malwa Automobiles tone Gt Road,
422	Haryana	Panipat	Balaji Service Station sonipat, Phase Iv, Barhi Dist Sonepat
423	Haryana	Panipat	Kaushalya Petro Junctionsamalkha
424	Haryana	Panipat	Coco Ramgarh kurukshetra,
425	Haryana	Panipat	Balaji Filling Stationteora
426	Uttar Pradesh	Ghaziabad	Fuel And Fly, Indian Oil Dealer Kaila Islam Nagar Gt Road Ghaziabad
427	Uttar Pradesh	Ghaziabad	Fuel And Fly, Indian Oil Dealer Kaila Islam Nagar Gt Road Ghaziabad
428	Uttar Pradesh	Ghaziabad	Vijay Sales & Service, Ghaziabad Model Town G.T. Road Ghaziabad
429	Uttar Pradesh	Ghaziabad	Vijay Sales & Service, Ghaziabad Model Town G.T. Road Ghaziabad
430	Uttar Pradesh	Greater Noida	Anil Auto Service (Adhoc) Coco1, Coco-1Plot No. 41 Udhog Kendra Near Holland Tractors - IOCL
431	Uttar Pradesh	Greater Noida	Anil Auto Service (Adhoc) Coco1, Coco-1Plot No. 41 Udhog Kendra Near Holland Tractors- IOCL
432	Uttar Pradesh	Greater Noida	Jaypee Infratech Km 35, Indian Oil Dealer Village Sabota Mustafabad Km Stone 35 On Yamuna Expressway- IoCl
433	Uttar Pradesh	Greater Noida	Jaypee Infratech Km 35, Indian Oil Dealer Village Sabota Mustafabad Km Stone 35 On Yamuna Expressway- IoCl
434	Uttar Pradesh	Greater Noida	Jaypee Infratech Km 16, Indian Oil Dealer Village Sabota Mustafabad Km Stone 16 On Yamuna Expressway- IoCl
435	Uttar Pradesh	Greater Noida	Jaypee Infratech Km 16, Indian Oil Dealer Village Sabota Mustafabad Km Stone 16 On Yamuna Expressway- IoCl
436	Uttar Pradesh	Greater Noida	E-3, Ecotech-Ii, Udyog Vihar, Uttar Pradesh 201306 - NTPC
437	Uttar Pradesh	Greater Noida	Coco I
438	Uttar Pradesh	Gautam Budhha Nagar (Yamuna Expressway)	Jaypee Infratech Km 35
439	Uttar Pradesh	Gautam Budhha Nagar (Yamuna Expressway)	Jaypee Infratech Km-16
440	Uttar Pradesh	Ghaziabad	Fuel And Fly
441	Uttar Pradesh	Ghaziabad	Vijay Sales & Service
442	Uttar Pradesh	GREATER NOIDA	Coco Iii

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.329
ANSWERED ON 03.02.2022**

GRANTS UNDER UDAY

329. SHRI VINAYAK RAUT:

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

- (a) the details of special financial assistance or grants provided to the State of Maharashtra under the Ujwal DISCOM Assurance Yojana (UDAY);**
- (b) whether States participating under UDAY are expected to make some improvements in areas like generation, distribution, transmission etc. of electricity; and**
- (c) if so, the details thereof, State-wise including Maharashtra?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : There is no provision for special financial assistance or grants to any State under Ujwal Discom Assurance Yojana (UDAY) from the Government of India.

(b) & (c) : UDAY was launched with an overall aim of operational and financial turnaround of State owned Distribution Utilities (DISCOMs) through efficiency improvements and financial restructuring in Generation, Transmission and Distribution Sectors. As a result of the scheme, State Power Distribution Utilities have reported improvement which include (i) Reduction in Aggregate Technical & Commercial (AT&C) losses from 23.70% in FY 16 to 20.93% in FY 20 and (ii) Reduction of Average Cost of Supply (ACS) – Average Revenue Realised (ARR) gap from Re.0.48 per kWh in FY 16 to Re.0.30 per kWh in FY 20. The details of the performance of the States including Maharashtra on AT&C loss and ACS-ARR gaps are furnished at Annexures-I & II respectively.

**ANNEXURE REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED
QUESTION NO. 329 ANSWERED IN THE LOK SABHA ON 03.02.2022**

State-wise and Year-wise details of AT&C Losses

	2015-16	2016-17	2017-18	2018-19	2019-20
State Sector	24.04	24.05	22.15	22.57	21.73
Andaman & Nicobar Islands			19.34	23.39	22.71
Andhra Pradesh	10.36	13.77	14.26	25.67	10.77
Arunachal Pradesh	54.58	53.64	58.36	55.50	45.71
Assam	26.02	20.11	17.64	20.14	23.37
Bihar	43.30	43.34	33.51	33.30	40.38
Chandigarh (Non-Uday UT)			4.00	4.21	4.60
Chhattisgarh	22.10	23.87	22.50	29.81	23.68
Dadra & Nagar Haveli			6.55	5.45	3.56
Daman & Diu			17.01	6.19	4.07
Goa	19.77	24.33	13.52	15.69	13.99
Gujarat	16.23	14.42	12.96	13.99	11.95
Haryana	29.27	26.42	21.78	18.08	18.19
Himachal Pradesh	9.68	11.48	11.08	12.46	11.68
Jammu & Kashmir	58.75	59.96	53.67	49.94	60.46
Jharkhand	33.34	35.95	32.48	28.60	36.96
Karnataka	17.13	16.84	15.61	19.83	17.59
Kerala	12.40	13.42	12.81	9.10	14.47
Lakshadweep			19.15	23.33	14.28
Madhya Pradesh	27.37	26.80	30.51	36.64	30.38
Maharashtra	21.74	22.84	14.38	16.23	19.92
Manipur	31.72	33.01	27.50	38.17	20.27
Meghalaya	45.98	38.81	41.19	35.22	34.32
Mizoram	35.18	24.98	22.44	16.20	20.66
Nagaland	33.44	38.50	41.36	40.06	52.93
Odisha (Non-Uday State)	38.60	37.19	33.59	31.55	28.94
Puducherry	22.43	21.34	19.19	19.77	18.45
Punjab	15.88	14.46	17.31	11.28	14.35
Rajasthan	31.59	27.33	24.07	28.25	29.85
Sikkim	43.89	35.62	32.48	41.83	28.88
Tamil Nadu	16.83	18.23	19.47	17.86	15.00
Telangana	14.01	15.19	19.08	17.80	21.54
Tripura	32.68	31.79	30.31	35.49	37.85
Uttar Pradesh	39.76	40.91	37.80	33.19	30.05
Uttarakhand	18.01	16.68	16.34	16.96	20.35
West Bengal (Non-Uday State)	28.08	27.83	26.69	23.00	20.40
Private Sector	12.44	10.80	9.36	8.28	8.00
Delhi	12.44	10.80	9.93	9.17	8.19
Gujarat			6.53	5.20	4.59
Maharashtra				8.20	9.52
Uttar Pradesh			9.08	9.36	9.76
West Bengal			10.74	8.95	9.06
Grand Total	23.70	23.66	21.50	21.74	20.93

**ANNEXURE REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED
QUESTION NO. 329 ANSWERED IN THE LOK SABHA ON 03.02.2022**

ACS-ARR Gap on Tariff Subsidy Received Basis (Rs/kWh)

	2015-16	2016-17	2017-18	2018-19	2019-20
State Sector	0.50	0.39	0.32	0.54	0.35
Andaman & Nicobar Islands			19.86	19.47	19.58
Andhra Pradesh	0.80	0.52	0.09	2.67	(0.19)
Arunachal Pradesh	0.49	3.65	4.64	4.27	4.92
Assam	0.23	0.06	(0.32)	(0.32)	(0.36)
Bihar	0.46	0.51	0.68	0.61	0.92
Chandigarh (Non-Uday UT)			(1.64)	(0.26)	(0.82)
Chhattisgarh	(0.01)	0.21	0.23	0.45	0.17
Dadra & Nagar Haveli			0.01	(0.02)	(0.03)
Daman & Diu			(1.38)	(0.61)	(0.30)
Goa	0.71	0.70	(0.06)	0.39	0.60
Gujarat	(0.02)	(0.05)	(0.06)	(0.02)	(0.06)
Haryana	0.16	0.04	(0.08)	(0.05)	(0.06)
Himachal Pradesh	(0.31)	0.18	0.03	(0.09)	(0.02)
Jammu & Kashmir	3.00	2.65	1.85	1.72	2.03
Jharkhand	0.93	1.39	0.16	0.58	0.87
Karnataka	0.01	0.29	0.30	0.24	0.39
Kerala	0.30	0.62	0.32	0.05	0.10
Lakshadweep			19.11	20.30	18.22
Madhya Pradesh	0.87	0.18	0.78	1.29	0.69
Maharashtra	0.21	0.06	(0.13)	(0.19)	(0.19)
Manipur	0.02	0.06	(0.02)	0.34	0.08
Meghalaya	0.82	1.66	1.16	0.85	1.80
Mizoram	2.06	2.12	(1.30)	1.18	(1.94)
Nagaland	0.20	0.81	0.81	4.09	5.62
Odisha (Non-Uday State)	0.39	0.38	0.32	0.60	0.34
Puducherry	(0.02)	0.03	(0.02)	0.13	0.97
Punjab	0.53	0.65	0.48	(0.07)	0.17
Rajasthan	1.83	0.50	(0.09)	0.06	0.31
Sikkim	2.09	1.20	0.25	0.02	0.54
Tamil Nadu	0.67	0.50	0.89	1.32	1.27
Telangana	0.74	1.23	1.12	1.38	1.09
Tripura	0.42	(0.15)	(0.09)	(0.06)	0.43
Uttar Pradesh	0.29	0.33	0.45	0.54	0.34
Uttarakhand	0.10	0.24	0.18	0.38	0.38
West Bengal (Non-Uday State)	(0.04)	0.04	(0.02)	(0.01)	(0.12)
Private Sector	(0.10)	(0.16)	(0.44)	(0.38)	(0.48)
Delhi	(0.10)	(0.16)	(0.19)	(0.26)	(0.37)
Gujarat			(0.50)	(0.26)	(0.52)
Maharashtra				(0.15)	(0.22)
Uttar Pradesh			(1.34)	(0.97)	(0.69)
West Bengal			(0.93)	(0.99)	(0.94)
Grand Total	0.48	0.37	0.28	0.49	0.30

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.336
ANSWERED ON 03.02.2022**

ENERGY AUDIT

336. SHRI HIBI EDEN:

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

- (a) whether the Government proposes to make rules to encourage energy audit for inspection, survey and an analysis of electrical energy flows for energy conservation in a building owned by individuals and corporations;**
- (b) if so, the details and the present status thereof;**
- (c) the efforts made/steps taken by the Government to encourage/promote the State Governments to audit the electrical energy expenditure;**
- (d) whether there are several hurdles to conduct electrical energy audit by an accredited energy auditor; 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) & (b) : In terms of Section 15 (b) and (c) of the Energy Conservation Act, 2001, State Governments are empowered to direct building owners to get audit conducted by an accredited energy auditor in such a manner and at such interval(s) of time as specified by regulations.

The Bureau of Energy Efficiency (BEE) has informed that 9 States namely, Andhra Pradesh, Gujarat, Haryana, Kerala, Madhya Pradesh, Maharashtra, Punjab, Rajasthan and Tamil Nadu, have mandated certain category of commercial buildings to undertake energy audit.

(c) : To mandate electricity distribution companies to undertake energy audit and accounting on periodic basis, Ministry of Power has notified the 'Bureau of Energy

Efficiency (Manner and Intervals for Conduct of Energy Audit in Electricity distribution companies), Regulations, 2021 under the provisions of Energy Conservation (EC) Act, 2001. These regulations stipulate that every electricity distribution company shall conduct an annual energy audit for every financial year and submit the annual energy audit report to the BEE and respective State Designated Agency and also make it available on the website of the electricity distribution company within a period of four months from the expiry of the relevant financial year.

Further, the Government has launched “Revamped Distribution Sector Scheme (RDSS) - A Reforms based and Results linked Scheme” in July 2021 which has provisions for financial support for Prepaid Smart Metering for 25 crores consumers along with System Metering with communication features, which would facilitate automatic measurement of energy flows in the system for energy accounting as well as auditing without any human intervention.

(d) & (e) : The BEE has informed that there are no hurdles to conduct electrical energy audit by an accredited energy auditor.

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.356
ANSWERED ON 03.02.2022**

STATUS OF TARGETS UNDER FAME SCHEME

356. SHRI ANNASAHEB SHANKAR JOLLE:

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

- (a) the present status of targets set up under Faster Adoption and Manufacturing of Hybrid & Electric Vehicles (FAME) Scheme and implementation of the same under the guidelines issued by the Ministry of Power;**
- (b) the targets achieved for all the metropolitan cities across the country; and**
- (c) the division of the targets and present status thereof, State-wise?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : Ministry of Heavy Industries (MHI) formulated a Scheme for Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme in 2015, with an aim to reduce dependency on fossil fuels and to promote Electric Vehicles. Under the Phase I of the scheme, MHI has sanctioned 520 EV Charging Stations and out of these 461 EV Charging Stations have been commissioned and are under operation as on 07th Jan, 2022. The details are given at Annexure-I.

At present, Phase-II of FAME India Scheme is being implemented for a period of 5 years w.e.f. 01st April, 2019 with a total budgetary support of Rs. 10,000 crore. This phase focusses on supporting electrification of public & shared transportation and aims to support, through subsidies, 7090 e-Buses, 5 lakh e-3 Wheelers, 55000 e-4 Wheeler Passenger Cars and 10 lakh e-2 Wheelers. In addition, creation of charging infrastructure is also supported to address the range anxiety among users of electric vehicles.

Ministry of Power issued "Guidelines and Standards for Charging Infrastructure for Electric Vehicles" which was amended from time to time. MHI, under FAME India Scheme Phase-II, has sanctioned 2,877 charging stations in 68 cities across 25 States/UTs and 1576 charging stations along 9 Expressways and 16 Highways as per details furnished at Annexure-II.

ANNEXURE-I**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 356 ANSWERED IN THE LOK SABHA ON 03.02.2022**

Details of Public Charging Stations under Phase I of FAME India Scheme

City	Charging Stations	Highway	Charging Stations
Chandigarh	48	Delhi-Chandigarh	24
Delhi	94	Mumbai-Pune	16
Jaipur	49	Delhi-Jaipur-Agra	31
Bangalore	50	Jaipur-Delhi	9
Ranchi	29		
Lucknow	1		
Goa	30		
Hyderabad	56		
Agra	15		
Shimla	9		
Total	381		80

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 356 ANSWERED IN THE LOK SABHA ON 03.02.2022**

Details of Public Charging Stations under Phase II of FAME India Scheme

State	No. of EV Charging Stations sanctioned
Maharashtra	317
Andhra Pradesh	266
Tamil Nadu	281
Gujarat	278
Uttar Pradesh	207
Rajasthan	205
Karnataka	172
Madhya Pradesh	235
West Bengal	141
Telangana	138
Kerala	211
Delhi	72
Chandigarh	70
Haryana	50
Meghalaya	40
Bihar	37
Sikkim	29
Jammu & Kashmir	25
Chhattisgarh	25
Assam	20
Odisha	18
Uttarakhand	10
Puducherry	10
Andaman and Nicobar (Port Blair)	10
Himachal Pradesh	10
Total	2877

Sl. No	Expressways	EV Charging Stations sanctioned
1	Mumbai - Pune	10
2	Ahmadabad - Vadodara	10
3	Delhi-Agra-Yamuna	20
4	Bengaluru-Mysore	14
5	Bengaluru-Chennai	30
6	Surat-Mumbai	30
7	Agra-Lucknow	40
8	Eastern Peripheral (A)	14
9	Hyderabad ORR	16
Sl. No.	Highways	EV Charging Stations sanctioned
1	Delhi - Srinagar	80
2	Delhi - Kolkata	160
3	Agra - Nagpur	80

4	Meerut to Gangotri Dham	44
5	Mumbai - Delhi	124
6	Mumbai-Panaji	60
7	Mumbai - Nagpur	70
8	Mumbai - Bengaluru	100
9	Kolkata - Bhubaneswar	44
10	Kolkata - Nagpur	120
11	Kolkata - Gangtok	76
12	Chennai-Bhubaneswar	120
13	Chennai - Trivandrum	74
14	Chennai-Ballary	62
15	Chennai - Nagpur	114
16	Mangaldai - Wakro	64
	Total	1576

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.360
ANSWERED ON 03.02.2022**

INSTALLATION OF FGD EQUIPMENT

**360. SHRIMATI KANIMOZHI KARUNANIDHI:
SHRI RAVIKUMAR D.:**

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

- (a) the details of the coal based thermal power plants which are fitted with Flue Gas Desulphurisation (FGD) equipment, State-wise;**
- (b) the steps taken by the Government to implement and install the FGD equipment in the coal based thermal power plants across the country;**
- (c) whether the Government has taken any proactive measures to ensure the completion of the set targets for the installation of FDGs at various thermal plants;**
- (d) if so, the details thereof; and**
- (e) the details of the funds allocated for the installation of such equipment and infrastructure by the Governments, State-wise including Tamil Nadu?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (d): Coal based Thermal Power Plants (TPPs) are required to comply with emission norms including sulphur dioxide (SO₂) emissions norms, notified by Ministry of Environment, Forest and Climate Change (MoEF&CC) and directions given by the Central Pollution Control Board (CPCB). Installation of Flue Gas Desulphurisation (FGD) is one of the technologies chosen by the TPPs to comply with the sulphur dioxide norms of MoEF&CC. The details of coal based TPPs which are fitted with FGD equipment are given at Annexure.

As per the revised Notification issued by MoEF&CC on 31.03.2021, a Task force has been constituted by Central Pollution Control Board (CPCB) comprising of representative from MoEF&CC, Ministry of Power, Central Electricity Authority and CPCB to categorize Thermal Power Plants in three categories to comply with new

.....2.

emission norms as follows:

Category and Description	Timelines for compliance	Environment Compensation (Rs. per unit electricity generated) for non-compliance beyond timelines		
		0-180 days	181-365 days	366 days & beyond
Category A - Within 10 km radius of National Capital Region (NCR) or cities having million plus population as per 2011 census of India	Upto 31.12.2022	0.10	0.15	0.20
Category B - Within 10 km radius of critically polluted areas or Non-Attainment cities as defined by CPCB	Upto 31.12.2023	0.07	0.10	0.15
Category C- Other than those included in Category A and B	Upto 31.12.2024	0.05	0.075	0.10

The aforementioned categorization by Task Force has been finalized by the Task Force on 13.12.2021.

(e) : Government has not allocated any funds for the installation of FGD by the TPPs. However, directions have been issued to Central Electricity Regulatory Commission (CERC) under Section 107 of the Electricity Act 2003 to allow pass through of the additional capital and operational cost incurred by the TPPs due to implementation of new environmental norms by MoEF&CC. Ministry of Power vide letter dated 30.07.2021 has further issued necessary directions to CERC that the impact of Operating cost incurred in the implementation of new Environmental Norms shall not be considered for Merit Order Despatch of coal based Thermal Power Stations till the time as mentioned in MoEF&CC Notification dated 31.03.2021.

**ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED
QUESTION NO. 360 ANSWERED IN THE LOK SABHA ON 03.02.2022**

The details of coal based TPPs where FGD has been installed						
Sl. No.	State	Sector	Organisation	Name of Project	Unit No.	Total Capacity (MW)
1	Haryana	Private	JhPL (HR)	MAHATMA GANDHI TPS	1	660.00
2	Haryana	Private	JhPL (HR)	MAHATMA GANDHI TPS	2	660.00
3	Uttar Pradesh	Central	NTPC	DADRI (NCTPP)	1	210.00
4	Uttar Pradesh	Central	NTPC	DADRI (NCTPP)	2	210.00
5	Uttar Pradesh	Central	NTPC	DADRI (NCTPP)	3	210.00
6	Uttar Pradesh	Central	NTPC	DADRI (NCTPP)	4	210.00
7	Tamil Nadu	Private	ITPCL	ITPCL TPP	1	600.00
8	Tamil Nadu	Private	ITPCL	ITPCL TPP	2	600.00
9	Gujarat	Private	APL	MUNDRA TPS	7	660.00
10	Gujarat	Private	APL	MUNDRA TPS	8	660.00
11	Gujarat	Private	APL	MUNDRA TPS	9	660.00
12	Madhya Pradesh	Central	NTPC	VINDHYACHAL STPS	13	500.00
13	Maharashtra	Private	JSWEL	JSW RATNAGIRI TPP	1	300.00
14	Maharashtra	Private	JSWEL	JSW RATNAGIRI TPP	2	300.00
15	Maharashtra	Private	JSWEL	JSW RATNAGIRI TPP	3	300.00
16	Maharashtra	Private	JSWEL	JSW RATNAGIRI TPP	4	300.00
17	Maharashtra	Private	RIL (DAHANU)	DAHANU TPS	1	250.00
18	Maharashtra	Private	RIL (DAHANU)	DAHANU TPS	2	250.00
19	Maharashtra	Private	TATA PCL	TROMBAY TPS	5	500.00
20	Maharashtra	Private	TATA PCL	TROMBAY TPS	8	250.00
				Total Units and capacity	20	8290.00

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.366
ANSWERED ON 03.02.2022**

TARGET SET UNDER SAUBHAGYA

366. SHRI NALIN KUMAR KATEEL:

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

- (a) whether the Government has introduced Pradhan Mantri Sahaj Bijli Har Ghar Yojana in the country;**
- (b) if so, the details along with the objectives and salient features of the said scheme thereof;**
- (c) whether the Government has set any target under Saubhagya; and**
- (d) the quantum of funds allocated and spent thereon during the last three years and the current year, State and year-wise?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : Yes, Sir. The Government of India launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya) in October, 2017 with the objective of achieving universal household electrification. The Scheme aimed to provide electricity connections to all willing un-electrified households in rural areas and all willing poor households in urban areas in the country by March, 2019 through grid access or through solar based standalone systems. As on 31.3.2019, all households were reported electrified by the States, except 18,734 households in Left Wing Extremist (LWE) affected areas of Chhattisgarh. Subsequently, seven States namely Assam, Chhattisgarh, Jharkhand, Karnataka, Manipur, Rajasthan and Uttar Pradesh reported that around 19.09 lakh un-electrified households, identified before 31.03.2019, which were unwilling earlier but later on expressed willingness to get electricity connections. All these seven States have since then reported 100% household electrification as on 31.03.2021. Since the launch of Saubhagya scheme, a total of 2.817 crore households have been electrified upto 31.03.2021.

(d) : State-wise and year-wise details of funds disbursed during the last three years and the current year under Saubhagya, are given at Annexure.

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 366 ANSWERED IN THE LOK SABHA ON 03.02.2022

STATE-WISE AND YEAR-WISE GRANT DISBURSED/SPENT UNDER SAUBHAGYA SCHEME DURING THE LAST THREE YEARS AND THE CURRENT YEAR

(Rs. in crore)

Sl. No.	Name of the States	Grant Released to the States/UTs under Saubhagya					
		2018-19	2019-20	2020-21	2021-22 (as on 30.11.2021)	Total	Funds Utilised by the States
1	Arunachal Pradesh	138.9	13.8	-	-	152.7	152.7
2	Assam	402.7	120.9	118.5	-	642.1	642.1
3	Bihar	198.8	136.3	17.1	-	352.1	352.1
4	Chhattisgarh	219.0	32.0	42.1	38.1	331.2	294.0
5	Haryana	-	3.0	-	-	3.0	3.0
6	Himachal Pradesh	0.8	2.9	-	-	3.7	3.7
7	Jammu & Kashmir	45.0	-	-	-	45.0	24.9
8	Jharkhand	82.7	4.3	59.9	28.3	175.2	175.2
9	Karnataka	-	39.5	-	0.1	39.7	38.2
10	Kerala	-	26.1	13.3	11.7	51.1	51.1
11	Ladakh	6.4	-	-	-	6.4	- 1.1
12	Madhya Pradesh	147.1	-	6.3	88.6	242.0	242.0
13	Maharashtra	139.6	43.4	-	19.1	202.0	172.7
14	Manipur	34.9	33.0	12.1	-	80.0	80.0
15	Meghalaya	97.8	87.8	1.4	-	187.0	187.0
16	Mizoram	34.6	-	6.0	0.2	40.8	40.8
17	Nagaland	34.3	-	-	9.1	43.4	43.4
18	Odisha	168.4	-	-	-	168.4	168.4
19	Punjab	-	-	0.4	0.2	0.6	0.6
20	Rajasthan	102.9	76.4	101.0	25.9	306.3	306.3
21	Sikkim	-	0.5	1.1	0.2	1.9	1.9
22	Telangana	-	15.4	-	1.4	16.8	16.8
23	Tripura	236.7	8.1	0.3	14.7	259.8	259.8
24	Uttar Pradesh	522.6	25.8	52.3	116.6	717.3	697.1
25	Uttarakhand	22.4	6.8	0.5	-	29.8	29.8
26	West Bengal	73.2	20.3	15.9	13.4	122.8	122.8
	Total	2,708.8	696.3	448.1	367.9	4,221.1	4,105.4

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.400
ANSWERED ON 03.02.2022**

THERMAL POWER PLANT AT SOLAPUR

†400. SHRI OMPRAKASH BHUPALSINH alias PAWAN RAJENIMBALKAR:

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

- (a) the power generation capacity of NTPC's Thermal Power Station Solapur, Maharashtra;**
- (b) whether the said power station is providing flyash/ash pond to the cement industry;**
- (c) if so, the time since when it is being provided along with the basis for the same and price thereof;**
- (d) whether the Government proposes to help small traders by providing free of cost power ash pond share to the wheat producers, if so, the details thereof and if not, the reasons therefor;**
- (e) whether the Government has received any proposal from wheat traders about providing free of cost power ash pond share by the thermal power station;**
- (f) if so, the details of immediate action taken by the Government in this regard;**
- (g) whether NTPC, Solapur has decided to sell its ash pond share to the cement industry; and**
- (h) if so, the immediate steps taken by the Government to stop this tender and to safeguard the interests of the farmers?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : The power generation capacity of NTPC's Thermal Power Station Solapur, Maharashtra is 1320 Mega Watt (MW).

(b) & (c): NTPC Solapur is providing fly ash / pond ash to all Ash users who participated and were successful in auction done through a transparent bidding process by M/s Metal Scrap Trade Corporation Limited (MSTCL).

The details of Fly ash being issued to cement industry from NTPC, Solapur are:

- 1. From 08.11.2017 to 13.11.2018 at Rs. 320 per Metric Tonne (MT) through auction done by M/s MSTC Ltd.**
- 2. From 14.11.2018 to till date at Rs. 440 per MT through auction done by M/s MSTC Ltd.**

(d) to (f) : Ministry of Power has not received any proposal from wheat traders for providing pond ash share free of cost by the thermal power station.

Ministry of Environment, Forest & Climate Change (MoEF&CC) regulates Utilisation of fly ash by Thermal Power Plants (TPPs). As per the latest MoEF&CC Notification dated 31.12.2021, there is no provision for any specific dispensation for wheat trader/producers.

Setting up of a power plant is a de-licensed activity and TPPs take their own techno commercial decisions for operating their Plants in a viable manner and making their cost of electricity competitive. The demand for fly ash has been increasing. In order to bring in transparency and to restrict malpractices in the allocation of fly ash, Ministry of Power (MoP) vide letter dated 22.09.2021 has advised TPPs to consider the sale of fly ash through a transparent bidding process, so as to reduce the tariff of electricity for consumers.

(g) & (h) : NTPC Solapur conducted an auction, as per MoP advisory dated 22.09.2021, of pond Ash on 27.10.2021 through M/s MSTC Limited for all Ash users. Therefore, there is no need to stop this tender.

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.408
ANSWERED ON 03.02.2022**

SHORTAGE OF COAL SUPPLY

408. SHRI THIRUMAAVALAVAN THOL:

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

- (a) whether there is any shortage or likely shortage in the supply of coal to the power generation units and if so, the details thereof;**
- (b) whether the shortage or likely shortage in the supply is due to crisis in the domestic production or import of coal or both;**
- (c) if so, the details thereof; and**
- (d) the steps taken/being taken by the Government to overcome such crisis in future?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) to (c) : The total quantity of coal despatched to power sector by Coal India Limited (CIL) and Singareni Collieries Company Limited (SCCL) during April-Dec, 2021 was about 430.6 Million Tonnes (MT) as compared to about 344.2 MT during the corresponding period of the preceding year and was about 375.2 MT during same period of 2019-20, showing a growth of about 25% with respect to preceding year and by about 15% with respect to 2019-20. Further, the import of coal has reduced to 21.4 MT during 2021-22 (Apr-Dec) as against 35.1 MT during same period in 2020-21 and 52.5 MT during same period in 2019-20. The shortfall in imported coal has been compensated by supply from domestic coal. Presently, there is no shortage of coal for power plants in the country.

(d) : The Government of India have taken the following measures to increase the coal supply to power plants:

- (i) To address the issues of coal supplies to power sector, an Inter-Ministerial Sub-Group comprising of representatives from Ministries of Power, Coal, Railways, Central Electricity Authority (CEA), Coal India Limited (CIL) and Singareni Collieries Company Limited (SCCL) meet regularly to take various operational decisions to enhance supply of coal to thermal power plants (TPPs) as well as for meeting any contingent situations relating to Power Sector including to alleviate critical coal stock position in power plants.**
- (ii) Ministry of Power (MoP) has constituted a Core Management Team (CMT) with members from MoP, Railways, CEA, CIL, NTPC, DVC and POSOCO to ensure close monitoring of coal stocks at TPPs and operational decisions are being taken in CMT to augment supply of sufficient quantity of coal to the TPPs.**
- (iii) Government has issued the revised coal stocking norms, which mandates the power plants to maintain sufficient stocks at all times to meet any contingent situation.**
- (iv) Power Utilities import coal considering their requirement as well as cost-economics. Further, Ministry of Power on 07.12.2021 has advised power plants to import required coal for blending purpose during 2022-23.**

As a result of the above measures, the coal stock available at the power plants has increased from 7.2 MT as on 08.10.2021 to about 25 MT as on 26.01.2022.

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.425
ANSWERED ON 03.02.2022**

LOSS OF ELECTRICITY DURING TRANSMISSION AND DISTRIBUTION

425. SHRI MAGUNTA SREENIVASULU REDDY:

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

- (a) whether the loss of electricity during transmission and distribution tends to increase the cost of power;**
- (b) if so, the details thereof along with the quantum and percentage of power lost during the process;**
- (c) whether there is a need to strengthen research and development activities in power generation, transmission and distribution sectors in the country;**
- (d) if so, the details thereof; and**
- (e) the steps taken by the Government in this regard so far?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Transmission and Distribution losses are the losses incurred in Electrical networks due to reasons including heat losses and billing inefficiencies. The cost of power generation depends on various factors including the type of Generation, Capital cost, Finance costs, Cost of fuel, Operation and Maintenance (O&M) costs and employees & administrative costs.

As per the information available in the 'Report on Performance of Power Utilities' published by Power Finance Corporation (PFC), the cost of Power to Distribution Utilities increased from Rs. 4.21 / KWh in the year 2017-18 to Rs. 4.73 / KWh in the year 2019-20, in which time, the Aggregate Technical and Commercial Losses reduced from 21.50% to 20.93%.

(c) to (e) : The Government is promoting Research and Development (R&D) for the Indian Power Sector through Central Power Research Institute (CPRI) and various R&D schemes. The Government has recently approved the proposal for continuation of R&D schemes in the Power Sector to be implemented through CPRI with an outlay of Rs. 112 crore.

A Standing Committee on R&D (SCRD) in Power Sector has been constituted under the Chairmanship of Chairperson, Central Electricity Authority to identify and prioritize important strategic areas of R&D, which are to be implemented under “R&D” schemes. The SCRД identifies leading Researchers and Domain Experts in diverse areas of Power Sector and engage them in the Research Schemes.

Technical Committees in specific fields of power, namely, Thermal Generation, Hydro Generation, Transmission and Grid, Distribution & Energy Conservation, have also been constituted to assist the SCRД in evaluating R&D proposals and monitoring of the R&D projects till successful completion. The committees have representation from Academia, Industry, Utilities and Policy making bodies.

Further, Research projects from eminent Institutions across India like IIT Kharagpur, IIT Kanpur, IIT Madras, IIT Bombay, NIT Meghalaya, NIT Silchar, CMET Thrissur, CPRI, have been supported on various thrust areas pertaining to Generation, Transmission, Distribution, Clean Energy and Renewables.

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.431
ANSWERED ON 03.02.2022**

PUMPED STORAGE PROJECTS

431. SHRI UTTAM KUMAR REDDY NALAMADA:

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

- (a) the quantum of funds sanctioned and disbursed by the Power Finance Corporation (PFC) to private companies for pumped storage projects;**
- (b) whether the pumped storage project technology being used by the above private companies has been proven elsewhere and if so, the details thereof;**
- (c) the securities sought from the promoters for the said projects considering that the technology used may have not been proven elsewhere;**
- (d) the debt-equity ratio for the said projects;**
- (e) the financial background, strength and experience of the borrowing companies involved therein; and**
- (f) the physical progress on the ground for the said projects?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) : PFC has sanctioned loan of Rs. 5429 crore to Greenko AP01 IREP Pvt. Ltd. However, PFC has not disbursed any funds to the project so far, as few clearances including final clearance from Central Electricity Authority (CEA) and part Forest Clearance for Stage- II are yet to be obtained and the land is yet to be fully acquired.

(b) & (c) : The Pumped Storage Project (PSP) technology is already existing in India with many operational PSPs viz. Purulia PSP (900 MW) in West Bengal, Srisaillam PSP (900 MW) in Telangana, NJ Sagar PSP (706.5 MW) in Telangana and Kadamparai PSP (400 MW) in Tamil Nadu etc. Further, the PSPs are concurred by CEA under section 8 of the Electricity Act, 2003 after examining the DPRs and taking into consideration the technology available in the sector. For the instant project, the security stipulations include first holder charge on all movable and immovable assets, 100% pledge of shares which shall be gradually released based on achievement of certain milestones and Corporate Guarantee of Greenko Energy Private Limited throughout the currency of PFC loan and Corporate Guarantee of Greenko Mauritius till 3 years from the date of completion of project.

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(d) : The Debt:Equity ratio of the project is 72:28.

(e) : The project is promoted by Greenko Group through its Indian Holding Company Greenko Energy Private Limited (GEPL), which is ultimately held by Greenko Energy Holding (GEH).

The majority shareholding of GEH is owned by GIC Private Limited, formerly known as Government of Singapore Investment Corporation (GIC) (~56%), Abu Dhabi Investment Authority (ADIA) (~14%) , Orix (~22%) and balance is held by Group founders Mr. Mahesh Kolli & Mr. Anil Kumar Chalamalasetty (~9%) through group companies.

Greenko Group has a current operational capacity of ~5.3 GW spanning across solar (28.71%), wind (58.94%), hydel (10.89%) and biomass energy (1.46%) projects. Greenko also has an additional ~30% investment in 1.2 GW Teesta Hydro project with the remaining majority stake resting with Govt. of Sikkim. Promoter Company for the project (GEPL) has been rated as A+ by Credit Analysis & Research Ltd. (CARE).

(f) : About 21% of the project has been completed. Works on powerhouse and penstock is being undertaken. CEA has allowed construction pending TEC (Techno-Economic Clearance) at developers cost and risks.
