GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.695
ANSWERED ON 06.02.2020

COAL POWER PLANTS

695. DR. KALANIDHI VEERASWAMY:

Will the Minister of POWER
be pleased to state:

(a) the details and the number of coal power plants across the country including Tamil Nadu;

(b) the details of the percentage of electricity generated through coal power plants across the country including Tamil Nadu;

(c) whether the Government opposes to set up new coal power plants within the country;

(d) if so, the details thereof and the reasons therefor;

(e) whether the Government has discussed this matter with all the States including Tamil Nadu within the country and if so, the details along with the response thereof; and

(f) the time by which it is likely to be implemented?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) : **As on 31.12.2019, there are total 178 Coal Power Plants with an Installed Capacity of 1,98,494.5 MW in the country and 9 Coal based Power Plants with an Installed Capacity of 9,520 MW in Tamil Nadu.**

(b) : **The details of electricity generated from all sources including coal power plants of 25 MW & above capacity in the country including Tamil Nadu during 2018-19 and 2019-20 (upto December, 2019) is given as under:**

	All India Generation – Billion Units (BU)		Tamil Nadu Generation – Billion Units (BU)	
Source	2018-19	2019-20 (Upto Dec, 2019)	2018-19	2019-20 (Upto Dec, 2019)
Coal	987.68	718.709	47.937	32.183
Total (All sources)	1376.09	1055.75	100.676	76.329
% share	71.77	68.08	47.62	42.16

(c) : **Setting up of a power plant is a de-licensed activity. As per Section 7 of the Electricity Act, 2003, any generating company may establish, operate and maintain a generating station without obtaining a license/permission if it complies with the technical standards relating to connectivity with the grid.**

(d) to (f) : **Do not arise.**

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.712
ANSWERED ON 06.02.2020

SETTING UP OF POWER PROJECTS

†712. SHRI NABA KUMAR SARANIA:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to set up power projects in collaboration with neighbouring countries and if so, the details thereof;

(b) the details of rules made to ensure the protection of the property and lives of people affected by the projects; and

(c) the details of posts of Scheduled Castes/Scheduled Tribes currently lying vacant in NTPC and NHPC along with the time by which these are likely to be filled?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) : India is collaborating for power projects with the following neighbouring countries:

<u>Bangladesh</u>

A 1320 MW (2 x 660 MW) coal-based Maitree Super Thermal Power Project at Rampal in Bangladesh is under construction through Bangladesh India Friendship Power Corporation Limited (BIFPCL), a 50:50 joint venture company between NTPC and Bangladesh Power Development Board (BPDB).

<u>Nepal</u>

Pokhra (1 MW), Trisuli (21 MW),Western Gandak (15 MW) and Devighat (14.1 MW) Projects have been implemented with Indian assistance. In addition, SJVNL is constructing 900 MW Arun-III HEP, which is scheduled for commissioning by year 2022-23.

.....2.

In addition to above, following Hydropower projects of mutual interest are under discussion:

Projects	Installed Capacity & Status
Pancheshwar with Rupaligad	(4800 + 240) MW
Sapta Kosi High Dam and Sunkosi Diversion cum Storage	3300 MW

Muzzafarpur (India) – Dhalkebar (Nepal) D/c 400kV transmission line has been completed with collaboration of both India and Nepal.

Further, the Indian portion of Gorakhpur (India) –Butwal (Nepal) 400kV D/c Cross Border transmission line is being proposed for implementation with 50:50 Joint venture of Nepal Electricity Authority and an Indian PSU.

Bhutan

Chukha HEP (336MW), Kurichu HEP (60MW), Tala HEP (1020MW) and Mangdechhu (MHPA) (720 MW) Projects have been implemented with Indian assistance (under inter-governmental mode of Implementation). The transmission systems associated with these projects have also been implemented with Indian assistance.

Punatsangchhu-I (1200MW) HEP, and Punatsangchhu II HEP (1020MW) are under construction Projects with Indian assistance (under inter-governmental mode of Implementation).

In addition to the above, following Hydro projects are proposed for implementation with Indian assistance:

S.No.	Name of the Project	Installed capacity (MW)
1.	Kholongchu	600
2.	Chamkharchu – I (Digala)	770
3.	Bunakha	180
4.	Wangchu	570
5.	Sankosh	2585
6.	Kuri Gongri	2640
7.	Amochu Reservoir	540

Sri Lanka

Trincomalee Power Co. Ltd (TPCL) was formed for setting up 2X250 MW coal based power plant in Trincomalee Region in Sri Lanka.

.....3.

Further, on request from GoSL, proposal has been modified for putting up 300 MW LNG project at Kerawalapitiya near Colombo & 50 MW solar PV project at Sampur in Trincomalee, Sri Lanka.

Joint Venture and Shareholder Agreement (JVSHA) between NTPC Ltd. and Ceylon Electricity Board (CEB) has been signed on 25.10.2019 at Colombo, Sri Lanka, for incorporation of a 50:50 Joint Venture (JV) company, for development of the proposed 300 MW LNG Power Project at Kerawalapitiya, Sri Lanka.

In addition, a 50 MW solar PV power project at Sampur, Trincomalee is envisaged to be developed by the existing JV Trincomalee Power Co. Ltd.

(b) : The relevant rules/ regulations as prevalent in the neighbouring countries, where the power projects have been/ are to be developed are followed as and when such projects are set up. The people affected due to land acquisition are compensated for their loss of property and loss of livelihood as per the extant Land Acquisition Act/ Policy Guidelines of respective countries, where such Project(s) is/ are coming up.

(c) : As regards NTPC, the details of posts of Scheduled Castes/ Scheduled Tribes lying vacant in NTPC as on 01.01.2020 are as below:

Group	Scheduled Castes (SC)	Scheduled Tribes (ST)
A	04	08
B	00	00
C	05	157
D	01	15

The vacant posts are likely to be filled by 31.12.2020. Backlog of Group C and Group D vacancies exists mostly at Sipat which are due to non-availability of ST candidates amongst landoustees (as there is an agreement with the State Government to recruit only landoustees) and at Ramagundam, where recruitment process is sub judice.

As far as NHPC is concerned, the details of posts of Scheduled Castes/ Scheduled Tribes lying vacant are as under:

Group	SC	ST
A	12	15
B	02	01
C	-	-
D	-	-

The above vacancies shall be filled in the upcoming recruitment exercise.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.736
ANSWERED ON 06.02.2020

CHARGING INFRASTRUCTURE FOR ELECTRIC VEHICLES

736. SHRI SUDHAKAR TUKARAM SHRANGARE:
SHRI BHAGWANTH KHUBA:
MS. PRATIMA BHOUMIK:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to roll out charging infrastructure for electric vehicles across the country;

(b) if so, the details thereof and if not, the reasons for the delay; and

(c) the steps taken by the Government to promote such vehicles?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : Yes, Sir. The Government of India have, after extensive consultations with State Governments, different departments/agencies of Central Government and the stakeholders issued –"Charging Infrastructure for Electric Vehicles (EV) –Guidelines and Standards" dated 14.12.2018, which was further revised on 1.10.2019 – to rollout EV Public charging infrastructure as national priority. The salient features of revised guidelines are as below:

I. There shall be no licensing requirement or clearance certificates for establishing a Public Charging Station.

II. Guidelines specifies the type of chargers of different standards (viz. CCS, CHAdeMO, Type-2 AC, Bharat AC 001) thus ensuring that the PCS owners have the freedom to install any one or combination of chargers as per the market requirement.

III. Bureau of Energy Efficiency has been nominated as the Central Nodal Agency (CNA) for Charging Infrastructure for Electric Vehicles.

IV. Tariff for supply of electricity to EV-PCS shall be as per Tariff Policy under Section 3 of Electricity Act 2003 as amended from time to time.

V. In such cases where PCS has been installed with Government Incentives (financial or otherwise), State Nodal Agency/State Government/Appropriate Commission shall fix the ceiling of Service Charges to be charged by such PCS.

.....2.

(c) : Following steps have been taken by the Government to promote Electric Vehicles:

(i) Under Phase-I of FAME-India Scheme, the Department of Heavy Industry sanctioned about 500 Charging Stations/ Infrastructure for about Rs. 43 Crore (approx.) in cities like Bangalore, Chandigarh, Jaipur and NCR of Delhi. Out of 500 charging Stations, 250 charging stations have been installed. Recently, the Department has also sanctioned 2,636 charging stations to 19 public entities in 62 cities spread over 24 states, under Phase-II of FAME-India Scheme.

(ii) Phase-II of Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME-India) Scheme will mainly focus on supporting electrification of public & shared transportation, and aims to support through incentives about 7000 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 will be also supported to address range anxiety among users of electric vehicles

(iii) Recent initiatives taken by the Government to promote Electric Vehicles:

- **GST on EVs has been reduced from 12% to 5%**
- **Income tax rebate of up to INR 1.5 lakhs on interest payable on loans for purchase of EVs**
- **Customs duty exemptions on parts exclusively used in EVs (e-drive assembly, on-board charger, e-compressor, and charging gun)**

(iv) The Government on 18th October, 2018 has also granted exemption to the Battery Operated Transport Vehicles from the requirements of permit.

(v) Energy Efficiency Services Limited (EESL), is implementing National e-Mobility Programme to promote green transportation i.e. use of EVs resulting in reduction of air pollution. Till date, 1,510 e-cars have been deployed/under deployment for Government organizations. For charging these e-cars, 300 AC & 170 DC Captive chargers have also been commissioned in their office premises.

(vi) Grid Connectivity and Safety regulations: Central Electricity Authority (CEA) has issued amendments to following regulations of CEA:

1. **Central Electricity Authority (Technical Standards for Connectivity to the Distributed Generation Resources) Amendment Regulations, 2019.**

2. **Central Electricity Authority (Measures relating to Safety and Electric Supply) Amendment Regulations, 2019.**

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.739
ANSWERED ON 06.02.2020

SAVING OF ELECTRICITY

†739. SHRI RAKESH SINGH:

Will the Minister of POWER
be pleased to state:

(a) whether the air conditioners consume the maximum electricity in the country and if so, the details thereof;

(b) whether the lowest temperature has been fixed in the air conditioners to save electricity;

(c) if so, the details thereof along with the annual saving of electricity as a result of the said measure;

(d) whether the Government proposes to adopt such measures for other equipments functioning on electricity; and

(e) if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) : As per the report of Central Electricity Authority (CEA), on "Growth of Electricity Sector in India from 1947-2018", industrial sector consumes the maximum electricity in the country. Air conditioners are used by various categories of consumers, namely, domestic, commercial and industrial consumers. As per data available with CEA, the category wise energy consumption, including consumption of electricity by air conditioners, during 2017-18 is as under:

Category	%age of energy consumption (2017-18)
Domestic	24.35%
Commercial	8.35%
Industrial	41.71%

.....2.

(b) & (c) : Under the Gazette Notification S.O. 3897(E) dated 29th October 2019, the Central Government, in consultation with the Bureau of Energy Efficiency (BEE), has mandated that all brands and types of room air conditioners manufactured, commercially purchased or sold in India, shall have default setting of temperature at 24 degree celsius w.e.f. 1st January 2020.

Notwithstanding the above mentioned default setting, the users shall have the option to change the temperature of air conditioners according to their requirements.

BEE has estimated that there exists a potential of 10 billion units (BU) of annual saving of electricity through the above measure.

(d) & (e) : At present, there is no proposal for adoption of such measures in respect of other equipments functioning on electricity. However, BEE is implementing the Standards & Labeling (S&L) Programme for equipments and appliances, wherein energy consumption standards have been prescribed in respect of the equipments and appliances covered under the Programme. Currently, there are 24 appliances under this Programme; 10 under mandatory regime, and remaining 14 under voluntary regime.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.753
ANSWERED ON 06.02.2020

DDUGJY

753. SHRI SHANTANU THAKUR:
SHRI PRADEEP KUMAR SINGH:
SHRI KAPIL MORESHWAR PATIL:
SHRIMATI RATHVA GITABEN VAJESINGBHAI:
SHRI NARANBHAI KACHHADIYA:
SHRI PARBATBHAI SAVABHAI PATEL:

Will the Minister of POWER
be pleased to state:

(a) whether some States are lagging behind in rural electrification under the Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and if so, the details thereof and the reasons therefor;

(b) the details of the villages partially electrified and fully electrified so far under the yojana along with the details of the villages that are yet to be covered, State/UT-wise;

(c) the target fixed for implementation of the said yojana in various States and the target achieved so far along with the reasons for not achieving the targets, State/UT-wise;

(d) the details of the proposals received from various States/UTs for loans /grants under the said yojana during the 11th and 12th five year plan periods;

(e) the details of the proposal taken up by the Rural Electrification Corporation (REC) for electrification of rural areas in each State and the amount sanctioned and spent so far during the 11th and 12th Five Year Plan periods; and

(f) whether households belonging to BPL, SC and ST categories are being given electricity connection under DDUGJY and if so, the details thereof during the last two years, State/UT-wise?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a): As reported by states, 73% of works under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) have already been completed.

.....2.

(b) & (c) : As reported by the States, all the inhabited census villages across the country stand electrified on 28.04.2018.

(d) & (e) : Under the then prevalent scheme Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) which was later subsumed in DDUGJY, based on projects proposal received from states and techno-economic appraisal done by the nodal agency, during the XI Plan, 570 projects of Rs.28,869 crore were sanctioned and a Grant of Rs 22,854.20 crore had been released against these projects as on 31.12.2019. During the XII Plan, 560 projects of Rs.23,735.60 crore had been sanctioned and a Grant of Rs15,950.20 crore had been released against these projects as on 31.12.2019. State-wise details of project cost sanctioned and Grant released during XI & XII Plan are given at Annexure-I.

(f) : Under DDUGJY, free electricity service connections to 36,52,714 and 54,33,999 Below Poverty Line (BPL) households, including SC & ST categories, were provided during the last two years i.e. 2017-18 & 2018-19 respectively. The State-wise details are given at Annexure-II.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (d) & (e) OF UNSTARRED QUESTION NO. 753 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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Projects sanctioned under DDUGJY (including RE component) during XI & XII Plan and Grant released.

As on 31.12.2019 (Rs. in Crore)

Sr. No.	State	XI Plan			XII Plan		
		No.of projects	Project Cost	Grant Released	No.of projects	Project Cost	Grant Released
1	Andhra Pradesh	61	112.7	99.8	205	49.1	27.8
2	Arunachal Pradesh	14	953.9	845.7	0	0	0
3	Assam	20	2424.5	2203.4	16	1621.0	1158.8
4	Bihar	28	5076.6	3560.1	27	5251.5	3019.4
5	Chhattisgarh	24	1097.3	874.4	28	310.8	223.5
6	Gujarat	22	250.0	224.1	0	0	0
7	Haryana	17	134.3	104.2	0	0	0
8	Himachal Pradesh	11	258.8	222.3	0	0	0
9	J&K	9	351.1	294.0	3	101.2	27.0
10	Jharkhand	9	1524.8	1269.03	17	1260.9	922.1
11	Karnataka	10	365.5	331.1	45	130	53.9
12	Kerala	13	179.3	160.1	15	5.3	1.24
13	Ladakh	2	475.8	367.5	0	0	0
14	Madhya Pradesh	69	2385.6	1768.8	34	1427.3	941.7
15	Maharashtra	31	594.2	521.3	0	0	0
16	Manipur	7	349.2	262.7	6	222.1	130.1
17	Meghalaya	5	402.4	342.5	0	0	0
18	Mizoram	6	181.2	162.6	8	74.0	58.4
19	Nagaland	9	226.0	201.5	11	92.0	54.7
20	Odisha	28	3133.8	2720.3	38	3548.7	2589.5
21	Punjab	17	34.9	51.43	0	0	0
22	Rajasthan	15	732.3	642.5	28	1453.1	1062.1
23	Sikkim	2	121.7	105.6	0	0	0
24	Tamil Nadu	29	365.3	319.2	0	0	0
25	Telangana	44	117.5	92.8	0	0	0
26	Tripura	3	141	127	8	313.6	246.1
27	Uttar Pradesh	47	4541.6	3105.7	64	7266.0	4989.5
28	Uttarakhand	2	5.0	3.3	0	0	0
29	West Bengal	16	2274.1	1870.1	7	607.6	443.6
Total		570	28811.50	22854.20	560	23735.60	15950.20

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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (f) OF UNSTARRED QUESTION NO. 753 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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Free electricity service connections provided to BPL Households in last two years i.e. 2017-18 and 2018-19 under DDUGJY.

Sl. No.	Name of the State	2017-18	2018-19
1	Andhra Pradesh	301200	11760
2	Arunachal Pradesh	1892	6399
3	Assam	245999	514281
4	Bihar	917057	859652
5	Chhattisgarh	78933	34006
6	Gujarat	4440	620
7	Haryana	0	5419
8	Himachal Pradesh	0	43
9	Jammu & Kashmir	97	50579
10	Jharkhand	158175	507998
11	Karnataka	87018	190869
12	Kerala	108327	3112
13	Ladakh	0	1857
14	Madhya Pradesh	272095	343899
15	Maharashtra	4392	382047
16	Manipur	2784	46015
17	Meghalaya	2544	0
18	Mizoram	285	1183
19	Nagaland	5223	54971
20	Odisha	183685	1384305
21	Rajasthan	166884	164042
22	Sikkim	0	3421
23	Tamil Nadu	22297	7
24	Telangana	16909	522397
25	Tripura	31416	22947
26	Uttar Pradesh	1010062	297115
27	Uttarakhand	46	7205
28	West Bengal	30954	17850
Total		3652714	5433999

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.764
ANSWERED ON 06.02.2020

EXPANSION OF GRID NETWORK

764. ADV. DEAN KURIAKOSE:

Will the Minister of POWER be pleased to state:

(a) whether the Government proposes to expand the grid network in the country;

(b) if so, the details of the proposed projects thereof;

(c) the proposed date of commissioning of Kudankulam-Thirunelveli-Idamon-Kochi 400 KV line;

(d) the details of electricity allocated to each State including Kerala from this project; and

(e) the details of total amount spent for this project?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : Yes, Sir. The electricity grid network in the country is being expanded on continuous basis to take care of growth in electricity generation and load.

As per Section 3 of the Electricity Act 2003, the Central Electricity Authority (CEA) prepares National Electricity Plan (NEP), which inter-alia includes required transmission system addition in the country. The NEP, Volume-II (Transmission) notified in January 2019 estimated the required transmission system addition for the period 2017-22. As per this Plan, about 110,000 ckm of transmission lines, about 383,000 MVA of transformation capacity in the substations at 220 kV and above voltage levels and 14,000 MW of HVDC bi-pole/back-to-back capacity are proposed to be added during the period 2017-22.

.....2.

Transmission lines of 4,21,244 ckm (voltage level of 220 kV and above) and transformation capacity in substations of 9,52,713 MVA (voltage level of 220 kV and above) are in operation as on December, 2019, which is expected to increase to 4,78,132 ckms and 11,04,955 MVA respectively by 2021-22. Further, 24,000 MW HVDC bi-pole/back-to-back capacity are in operation as on December, 2019, which are expected to increase to 33,500 MW by 2021-22. These include intra-state and inter-state transmission systems of 220 kV and above voltage level.

Also, the cumulative Inter Regional (IR) transmission capacity of the National Grid, which is presently about 1,00,550 MW, is expected to be enhanced to 1,18,050 MW by 2022.

(c) : Kudankulam – Tirunelveli, Tirunelveli – Edamon, Tirunelveli – Cochin 400kV D/c lines were planned and implemented as part of Kudankulam Atomic Power Plant (KAPP)(2000 MW) Transmission System. The commissioning dates of the lines are as below:

Kudankulam – Tirunelveli 400kV (Quad) 2xD/C lines – 01.04.2009
Tirunelveli – Edamon 400kV D/c line (operating at 220kV) – 01.07.2010
Tirunelveli – Cochin 400kV (Quad) Circuit-I & II – 27.09.2019 & 20.12.2019

(d) : Power is not allocated to States from a specific transmission line. However, power is allocated from particular generating station, which is delivered to State through Inter State Transmission Line.

(e) : Total expected expenditure of the lines mentioned in para (c) above is approx. Rs. 1545.0 Crores.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.780
ANSWERED ON 06.02.2020

TRANSMISSION LINE IN ARUNACHAL PRADESH

780. SHRI TAPIR GAO:

Will the Minister of POWER
be pleased to state:

(a) the status of 132 KV Transmission Line in Arunachal Pradesh sanctioned in the year 2014-15;

(b) whether the Power Grid has been given the task for completion of the said Transmission Line in Arunachal Pradesh and if so, the details thereof;

(c) the details of work that has been completed till date;

(d) the allotted time-frame for completion of the said project;

(e) the reasons for delay of the said project; and

(f) the time by which the project is likely to be completed?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b): "Comprehensive Scheme for strengthening of Transmission & Distribution in Arunachal Pradesh and Sikkim" was approved by Government of India vide Office Memorandum dated 10th October 2014 at an estimated cost of Rs. 4754.42 crore with the completion schedule of 48 months from the date of release of first instalment. The scheme inter-alia envisages construction of transmission lines and substations at 220 kV, 132 kV, 66 kV and 33 kV voltage levels in Arunachal Pradesh at an outlay of Rs. 3199.45 crore. Powergrid Corporation of India Ltd. (POWERGRID) was appointed as Design-cum-implementation supervision Consultant for this project. Detailed status of 132 kV Transmission Line elements of Comprehensive Scheme in Arunachal Pradesh is attached at Annexure.

.....2.

(c) to (f) : The work is under progress on various separate 132 kV Transmission Line elements awarded in Arunachal Pradesh under Comprehensive Scheme as given in the detailed status at Annexure-I. The Completion schedule of above scheme was December 2018 (48 months from date of release of 1st installment). The said scheme is getting delayed mainly due to the following reasons:

i. **Delay in awarding the Contracts due to poor response from bidders.**
ii. **Right of Way and Compensation issues.**
iii. **Delay in getting Forest Clearance.**
iv. **Delay in getting Land for Substation Construction.**

Due to aforementioned delays, the project has undergone revision in cost estimate, which requires approval of competent authority. The project is targeted for completion by July, 2021.

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ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 780 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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Detailed status of 132kV Transmission Lines in Arunachal Pradesh (Status as on 31.12.2019)

1. **Likabali – Niglok 132 kV S/c line on D/c tower**

Line Length (kms)	:	66.05
Tower Location (nos)	:	228
Foundation completed (nos)	:	63
Tower Erected (nos)	:	23
Stringing completed (kms)	:	Nil
Anticipated date of completion	:	Dec'20

Constraint if any: Work affected due to ROW issues. Forest clearance awaited

2. **Pasighat Old – Mariyang 132 kV S/c line on D/c tower**

Line Length (kms)	:	48
Tower Location (nos)	:	157
Foundation completed (nos)	:	4
Tower Erected (nos)	:	3
Stringing completed (kms)	:	Nil
Anticipated date of completion	:	Dec'20

Constraint if any: Forest clearance awaited.

Remarks: Route alignment approved & Detail survey approved. Foundation and tower erection commenced.

3. **Niglok - Pasighat New (Napit) 132 kV S/c line on D/c tower**

Line Length (kms)	:	20.49
Tower Location (nos)	:	75
Foundation completed (nos)	:	47
Tower Erected (nos)	:	2
Stringing completed (kms)	:	Nil
Anticipated date of completion	:	March'20

Constraint if any: Work affected due to ROW issues

4. **Pasighat New (Napit) - Pasighat Old 132 kV S/c line on D/c tower**

Line Length (kms)	:	13.12
Tower Location (nos)	:	47
Foundation completed (nos)	:	24
Tower Erected (nos)	:	5
Stringing completed (kms)	:	Nil
Anticipated date of completion	:	Dec'20

Constraint if any: Work affected due to ROW issues. Stage-I clearance obtained.

Remarks: Foundation work slow due to ROW issues

5. **Seppa-Rilo 132 kV S/c line on D/c tower**

Line Length (kms)	:	35.14
Tower Location (nos)	:	140
Foundation completed (nos)	:	Nil
Tower Erected (nos)	:	Nil
Stringing completed (kms)	:	Nil
Anticipated date of completion	:	Mar'21

Constraint if any: Forest clearance is awaited 100% line in forest

Remarks: Route survey approved & Detail survey completed and approved except substation ends. Foundation work yet to commence.

6. Rilo – Seijosa 132 kV S/c line on D/c tower-

Line Length (kms)	**:**	**44.33**
Tower Location (nos)	**:**	**273**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**March'21**

Constraint if any: Forest clearance is awaited. 100% line in forest

Remarks: Route survey approved & Detail survey completed. Foundation work yet to commence.

7. Sagali-Naharlagun 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**38.57**
Tower Location (nos)	**:**	**112**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**March'21**

Constraint if any: Forest clearance is awaited. 100% line in forest

Remarks: Foundation work yet to commence.

8. Naharlagun – Banderdewa 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**16.75**
Tower Location (nos)	**:**	**85**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Mar'21**

Constraint if any: Forest clearance is awaited .100% line in forest

Remarks: Route alignment approved & detail survey approved.

9. Chimpu (Itanagar)- Holongi 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**15**
Tower Location (nos)	**:**	**59**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Dec'20**

Constraint if any: Stage-I clearance received in Nov'19.100% line in forest

Remarks: Route alignment & Detail survey approved. Foundation work yet to start.

10. Rilo-Sagali 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**33**
Tower Location (nos)	**:**	**143**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Dec'20**

Constraint if any:Forest clearance is awaited. 100% line in forest.

Remarks: Route survey approved & detailed survey completed. Foundation work yet to start.

11. Gerukamukh – Likabali 132 kV S/c line on D/c tower –

Line Length (kms)	**:**	**60**
Tower Location (nos)	**:**	**205**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**March'21**

Constraint if any:Forest clearance is awaited. 100% line in forest.

Remarks: Route alignment and detailed survey approved. Foundation work yet to start.

12. Naharlagun – Gerukamukh 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**90.58**
Tower Location (nos)	**:**	**305**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**March'21**

Constraint if any: Forest clearance is awaited. 100% line in forest.

Remarks: Route alignment approved & Detail survey almost complete. Foundation work yet to start.

13. Jairampur – Maio 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**34**
Tower Location (nos)	**:**	**121**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Dec'20**

Constraint if any:

Remarks: Stage-I of Forest clearance received in Sep'19

Remarks: Foundation work yet to commence.

14. Tawang – Lumla 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**40**
Tower Location (nos)	**:**	**136**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)		**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Mar'21**

Constraint if any: 100% line in forest.

Remarks: Route alignment submitted. Detailed survey completed.

15. Kuppi-Seppa 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**60**
Tower Location (nos)	**:**	**202**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Mar'21**

Constraint if any: 100% line in forest

Remarks: Route alignment approved. Detailed survey completed.

16. Seppa- Bameng 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**40**
Tower Location (nos)	**:**	**138**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Mar'21**

Constraint if any:100% line in forest

Remarks: Route alignment approved. Detailed survey completed.

17. Deomali – Khonsa 132 kV S/c line

Line Length (kms)	**:**	**29.5**
Tower Location (nos)	**:**	**83**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**June'21**

Constraint if any: Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress. Forest Clearance awaited.

18. Khonsa – Changlang 132 kV S/c line

Line Length (kms)	**:**	**45**
Tower Location (nos)	**:**	**155**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**June'21**

Constraint if any: Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress.

19. Khonsa – Longding 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**45**
Tower Location (nos)	**:**	**152**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**June'21**

Constraint if any:Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress.

20. Maio - Namsai (PG) 132 kV S/c line on D/c tower

Line Length (kms)	**:**	**41.1**
Tower Location (nos)	**:**	**137**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**June'21**

Constraint if any: Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress. Forest Clearance awaited.

21. Changlang – Jairampur 132 kV S/c line

Line Length (kms)	**:**	**60**
Tower Location (nos)	**:**	**205**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**June'21**

Constraint if any: Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress.

22. 132 kV D/C Ziro (PG) - Ziro (New) Line

Line Length (kms)	**:**	**12**
Tower Location (nos)	**:**	**32**
Foundation completed (nos)	**:**	**Nil**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Aug'20**

Constraint if any: Forest clearance awaited. 100% line in forest.

Remarks: Route alignment approved. Detailed survey approved.

23. LILO of 132 kV Daporijo - Along line

Line Length (kms)	**:**	**2.43**
Tower Location (nos)	**:**	**12**
Tower Erected (nos)	**:**	**Nil**
Stringing completed (kms)	**:**	**Nil**
Anticipated date of completion	**:**	**Aug'20**

Constraint if any: Forest clearance awaited. 100% line in forest.

Remarks: Route alignment and detailed survey approved.

ARP-TW-13: Under Hold pending approval of Revised Cost Estimate (RCE)

24. Ziro (PG) – Palin 132 kV S/c line on D/c tower
25. Palin – Koloriang 132 kV S/c line on D/c tower
26. Daporijo – Nacho 132 kV S/c line on D/c tower

ARP-TW-21: Under hold pending approval of RCE

27. Tezu (PG)–Halaipani 132kV S/c line on D/c tower
28. Roing (PG)–Dambuk 132kV S/c line on D/c tower
29. Roing (PG) – Anini 132 kV S/c line on D/c tower

ARP-TW-24:

Following new elements (2 lines and 4 substations), proposed by Govt. of Arunachal Pradesh, have already been awarded and kept under hold, pending RCE approval:

30. Khupi-Bomdila 132 kV S/c line on D/c tower
31. Bomdila-Tawang 132 kV S/c line on D/c tower
32. Bomdila SS
33. Kalakthang SS
34. Tawang SS
35. Kuppi (extension)SS

ARP-TW-26: Under hold pending approval of RCE

36. Along – Kambang 132 kV S/c line on D/c tower
37. Kambang–Mechuka 132kV S/c line on D/c tower
38. Along – Yingkiong 132 kV S/c line on D/c tower
39. Yingkiong – Tuting 132 kV S/c line on D/c tower

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.818
ANSWERED ON 06.02.2020

UJJWAL DISCOM ASSURANCE YOJANA

818. DR. SHASHI THAROOR:

Will the Minister of POWER
be pleased to state:

(a) whether Ujjwal DISCOM Assurance Yojana (UDAY) launched in November, 2015 has succeeded in meeting its objectives for financial turnaround and revival for the State-owned, debt-ridden electricity distribution companies of India and if so, the details thereof;

(b) the number of States succeeded in bringing down the gap between average cost of supply and average revenue realized to zero;

(c) whether the Government plans to come up with Ujjwal DISCOM Assurance Yojana (UDAY)-2.0;

(d) if so, the details thereof and if not, the reasons therefor;

(e) whether the Government proposes to include steps to ensure monitoring of short-term borrowings by DISCOMs, regular payments for them and one methodology to measure Aggregate Technical and Commercial (AT&C) losses; and

(f) if so, the details thereof and if not, the reasons therefor?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b) : Under Ujwal Discom Assurance Yojana (UDAY), Aggregate Technical & Commercial (AT&C) loss and Average cost of supply(ACS)- Average revenue realized(ARR) Gap are two important outcome parameters. The AT&C loss and ACS-ARR gap for UDAY States/UTs for FY 16 were 23.96% and 48 paise per unit respectively. As per the audited/ certified data available, the AT&C and ACS-ARR gap in FY 18 are 22.31% and 30 paise per unit respectively and as per the provisional data provided by states on UDAY portal, the AT&C and ACS-ARR gap in FY 19 are 18.19% and 27 paise per unit respectively. Seven (07) states namely Assam, Gujarat, Haryana, Himachal Pradesh, Karnataka, Maharashtra and Rajasthan have provisionally reported ACS-ARR gaps as zero or better in FY 2018-19.

(c) & (d) : While electricity is a concurrent subject, the Distribution of electricity including operational and financial efficiencies of Distribution utilities is being handled by the states. The Government of India has indicated through the Budget speech of 2020-21 its commitment to continue DISCOM reforms in wake of their financial stress

(e) & (f): Monitoring of performance of DISCOMs is a continuous process, which includes monitoring of all financial and operational efficiency parameters made available by the states. The Central Electricity Authority (CEA) has circulated a standard methodology for calculation of AT&C losses in August, 2018 to all concerned stakeholders.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.859
ANSWERED ON06.02.2020

ELECTRIFICATION OF VILLAGES IN MAHARASHTRA

859. SHRI GIRISH BHALCHANDRA BAPAT:

Will the Minister of POWER
be pleased to state:

(a) the funds allocated by the Union Government for the electrification of villages in Maharashtra during the last three years;

(b) the number of villages in Maharashtra where the electrification has been completed and the time by which the villages deprived of electrification are planned to be electrified; and

(c) the details of the electrification done in Maharashtra, district-wise?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) : No upfront allocation of funds is made to any State under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY). Funds are released for sanctioned projects, in installments, based on the reported utilisation of amount of the previous installment(s) and fulfillment of stipulated conditionalities of the scheme. Grant of Rs. 882 crore, has been disbursed to the State of Maharashtra under DDUGJY during the last three years i.e. 2016-17, 2017-18 and 2018-19.

(b) & (c) : The State of Maharashtra has reported that all the inhabited census villages stand electrified on 28.04.2018.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.862
ANSWERED ON 06.02.2020

SAUBHAGYA

862. SHRI NAMA NAGESWARA RAO:

Will the Minister of POWER
be pleased to state:

(a) whether the Pradhan Mantri Sahaj Bijli Har GharYojana-Saubhagya was able to achieve universal electrification of all households and if so, the details thereof, State-wise;

(b) if not, the reasons therefor;

(c) whether the Government proposes for fresh allocation of funds under the said Yojana as many un-electrified households are willing to take electricity connection;

(d) if so, the details thereof; and

(e) if not, the measures taken/being taken by the Government to electrify such un-electrified households?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (e) : Government of India launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana - SAUBHAGYA in October, 2017 to achieve universal household electrification by providing last mile connectivity and electricity connections to all households in rural areas and all poor households in urban areas across the country. All the States reported electrification of all households on Saubhagya portal as on 31st March, 2019 except few households in LWE affected Bastar region of Chhattisgarh.

Subsequently, seven States reported 19.09 lakh un-electrified households which were un-willing earlier, later willing to get electricity connection, identified before 31st March, 2019. The States have been asked to electrify these households under Saubhagya. Out of these, 10,71,336 households have been electrified up to 31st January, 2020.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.867
ANSWERED ON 06.02.2020

PAYSCALE ANOMALIES IN NHPC

†867. SHRI SANTOSH KUMAR:

Will the Minister of POWER be pleased to state:

(a) whether there are anomalies in the implementation of payscale of Executives and Supervisors in National Hydroelectric Power Corporation (NHPC) under the Ministry w.e.f. 01.01.1997;

(b) if so, the details thereof and the reasons there for along with the redressal thereof; and

(c) the remedial measures being taken by the Government to remove the said anomalies?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (c) : Government has approved the proposal to regularize the pay scales of below Board level Executives in NHPC Ltd. w.e.f 01.01.1997 adopted by them in pursuance of the orders of Ministry of Power dated 04.04.2006 (Annexure-I). NHPC Ltd was accordingly directed to implement the decision vide Ministry of Power's letter dated 29.01.2019 (Annexure-II). NHPC Ltd. has implemented the decision of the Government vide NHPC's office order dated 19.03.2019, thereby removing pay anomalies.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 867 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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No. 11/6/2006-DO(NHPC)
Government of India
Ministry of Power
Shram Shakti Bhavan, Rafi Marg,
New Delhi, dated 4.4.2006

Chairman & Managing Director,
National Hydroelectric Power Corporation Limited (NHPC)
Sector-33,
Faridabad

Sub: Proposal of the Board of NHPC for removal of anomalies in pay scales of employees promoted from Supervisory category (S-2/S-3) to Executive category (E-1) & above.

Sir,

I am directed to refer to your DO letter No.PWA-471 (Vol.V)/24 dated 24.2.2006 of Director (Personnel), NHPC forwarding therewith a copy each of the agenda of the 264th meeting of the Board of NHPC held on 17.2.2006 and the minutes thereto in which the above subject was discussed and a decision was taken to forward the proposal for consideration of the Ministry of Power.

2. The proposal of NHPC for revision of pay scales of Executives below Board level has been considered in this Ministry. With a view to remove the anomalies in the pay scales of Executive below Board level of NHPC, the undersigned is directed to say that this Ministry do not any have objection to the removal of anomalies in the pay scales and adoption of the revised pay scales, as indicated in the Annexure, being considered by the Board of NHPC in so far as the range of the pay scales are in line with the scales prescribed by Department of Public Enterprises (DPE), on the basis of the recommendations of the Justice S. Mohan Committee, vide their Office Memorandum No. 2(49)/98-DPE(WC) dated 25th June 1999.

3. Meanwhile, a reference has been made by this Ministry to DPE in this regard.

Yours faithfully,

(A.K. Kutty)
Joint Secretary to the Government of India

4/4/06

ANNEXURE

REVISION OF THESCALES OF PAY OF THE EXECUTIVES OF NATIONAL HYDROELECTRIC POWER CORPORATION LIMITED

Grade code	DPE's Model Scales (Mohan Committee Recommendations)	Grade code	Existing scales of NHPC	Scales now proposed
	wef 1.1.1997		wef 1.1.1997	
E-0	6500-200-11350		Not exsiting	
E-1	8600-250-14600	E-1	8000-225-13400	8000-290-300-330(2)-350-360-370-390-410-420-440-460-470-480-13400
E-2	10750-300-16750	E-2	8600-250-14600	8600-330(2)-350-370-380-400-420-430-450-470-490-510-530-540-14600
		E-2A	10750-300-16750	10750-420-430-450-470-490(2)-530-540(3)-550(2)-16750
E-3	13000-350-18250	E-3	14500-350-18700	13750-550-575-600-610-620-625-685(2)-18700
E-4	14500-350-18700	E-4	16000-400-20800	16000-660-685(4)-700(2)-20800
E-5	16000-400-20800	E-5	17500-400-22300	17500-630-685(2)-700(4)-22300
E-6	17500-400-22300	E-6	18500-450-23900	18500-700(2)-730-750-780-850-890-23900
E-7	18500-450-23900	E-7	20000-475-25700	19500-750-810-845-880-910-945-960-25600
E-8	20500-500-26500	E-8	20500-500-26500	20500-670(2)-850-900-950-980-980(2)-26500
E-9	23750-600-28550	E-9	23750-600-28550	23750-900-950-980(2)-990-28550

ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 867 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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MOST IMMEDIATE

F.No. 2/1/2014-H.I (Pt)
Government of India
Ministry of Power

Shram Shakti Bhawan, Rafi Marg
New Delhi dated 29th January, 2019.

To,

The CMD NHPC Faridabad	The CMD NEEPCO Shillong.	The CMD SJVNL Shimla	The CMD THDCIL Rishikesh

SUBJECT: **Regularization of Pay scales of below Board Level Executives in NHPC Ltd., North East Electric Power Corporation, THDC India Ltd. and SJVN Ltd. w.e.f. 01.01.1997 – reg.**

Sir,

In supercession of the following orders issued by this Ministry, I am directed to state that the Government have approved the proposal to regularize the adopted pay scales of below Board Level Executives in NHPC Ltd., SJVN Ltd., NEEPCO Ltd. and THDCIL w.e.f. 01.01.1997 adopted by them in pursuance of the orders of this Ministry dated 04.04.2006 and 01.09.2006.

i. Ministry of Power's letter No. 11/17/2009-NHPC/Vol.III dated 27.12.2013.
ii. Ministry of Power's order No. 2/1/2014-H.I-Vol.III (Pt) dated 28.06.2017 to NEEPCO
iii. Ministry of Power's order No. 2/2/2014-H.I(Pt) dated 28.06.2017 to THDCIL
iv. Ministry of Power's Order No. 6/3/2015-NHPC (Pt.1) dated 11.08.2017 to NHPC
v. Ministry of Power's order No. 2/2/2014-H.I(Pt) dated 30.06.2017 to all Power CPSEs

2. The aforesaid CPSEs are accordingly directed to implement the decision of the Government.

Yours faithfully,

S. Benjamin.
(S. Benjamin)
Under Secretary to the Govt. of India
Telefax: 23324357

Copy to:

1. PS to HMoSP(I/c)
2. PPS to Secretary (P) / PPS to Addl. Secretary
3. PPS to JS(Hydro) / PPS to JS&FA / Director (H.1) / DS(H.II)
4. US(H.II) / US(NHPC) / US(Fin)
5. Cabinet Secretariat (Shri S.P.G. Verghese, Director), Rashtrapati Bhawan, New Delhi w.r.t communication No No. 4/CM/2019 dated 21.01.2019

****

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.873
ANSWERED ON 06.02.2020

SUPPLY OF POWER

873. SHRI M.K. RAGHAVAN:

Will the Minister of POWER
be pleased to state:

(a) whether there is a decline in supply of power in the country during the last few months;

(b) if so, the details thereof along with the actual supply of power during the period from July to December, 2019 *vis-a-vis* the same period in 2018;

(c) whether this indicates a slowing of industrial activity which makes up for nearly 20% of the country's core sector index; and

(d) if so, the details thereof along with the actual slowing of the power sector and hence the industrial sector?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (d) : The month-wise details of electrical energy supplied during the current financial year (April, 2019 – December, 2019) *vis-a-vis* April, 2018 to December, 2018 is given at Annexure. It may be seen that the growth in electrical energy supplied during first four months i.e. April to July, 2019 was in the range of 6.5% to 8.5%. There was a marginal decline during August to November, 2019. However, it has again increased during December, 2019. The growth in electrical energy supplied is expected to be 3.2% during January, 2020 with respect to January, 2019.

It is difficult to pinpoint the reasons for lower power demand during August to November, 2019. However, it could be due to prolonged rainy season and good rainfall which led to reduction in demand in agriculture sector and reduction in cooling requirement in domestic and commercial sectors. There were no notified power cuts in the industrial sector.

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ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 873 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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Details of month-wise electrical energy supplied during the current financial year (April, 2019 – December, 2019) *vis-a-vis* April, 2018 to December, 2018.

Month	2018-19	2019-20	Growth
	Energy Supplied	Energy Supplied	Energy Supplied
	(MU)	(MU)	(%)
April	103,393	110,112	6.5
May	111,590	120,020	7.6
June	108,769	117,988	8.5
July	109,207	116,485	6.7
August	112,095	111,521	-0.5
September	108,819	107,515	-1.2
October	112,175	97,847	-12.8
November	98,321	93,949	-4.4
December	100,727	101,081	0.4
July - December	641,344	628,399	-2.0
April- December	965,097	976,519	1.2

****

GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.890
ANSWERED ON 06.02.2020

UTILISATION OF FUNDS UNDER DDUGJY

†890. SHRI SHANKAR LALWANI:
DR. BHARATIBEN DHIRUBHAI SHIYAL:

Will the Minister of POWER
be pleased to state:

(a) the funds utilised under Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) across the country during the last three years and the current year, State/UT-wise;

(b) the funds released to Gujarat and Madhya Pradesh under the said scheme during the said period;

(c) whether any progress has been made in Gujarat and Madhya Pradesh under the said scheme and if so, the details thereof; and

(d) whether the scheme has been reviewed and if so, the details thereof?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b): Under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY), grant of Rs. 36,241 crore has been released to States including Gujarat & Madhya Pradesh, during last three years and the current year i.e. 2016-17 to 2019-20 (up to 31.12.2019). The State-wise details are given at Annexure.

(c): In the State of Gujarat, the works completed under the Deen Dayal Upadhyaya Gram Jyoti Yojana include installation of 15 new sub-stations, augmentation of 28 sub-stations, installation of 95 Ckm of 33 kV lines, 1,512 Ckm feeder segregation, 9,246 Ckm of 11 kV lines, 22,101 Ckm of LT lines and 18,533 distribution transformers. In the State of Madhya Pradesh works completed under the scheme include installation of 141 new sub-stations, augmentation of 295 sub-stations, installation of 1,096 Ckm of 33 kV lines, 6,652 Ckm feeder segregation, 12,199 Ckm of 11 kV lines, 23,576 Ckm of LT lines and 22,874 distribution transformers.

(d) : Review/Monitoring of the scheme is a continuous process and for the purpose a three tier mechanism is in place which includes Government of India level, apart from review at Nodal Agency level and Monitoring Committee. The scheme is also regularly being reviewed during Review, Planning & Monitoring (RPM) meetings. DDUGJY is also available for review under DISHA by Hon'ble Member of Parliament.

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ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 890 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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Grant released under DDUGJY during the last three years and current year i.e. 2016-17 to 2019-20 (upto 31.12.2019).

Rs. in crore

Sl. No.	Name of the State	2016-17	2017-18	2018-19	2019-20 (upto 31.12.2020)	Total
1	Andhra Pradesh	128	165	177	8	479
2	Arunachal Pradesh	101	81	160	27	369
3	Assam	598	401	1,107	329	2,435
4	Bihar	1,292	763	2,412	305	4,772
5	Chhattisgarh	126	552	79	30	787
6	Gujarat	110	143	181	-	435
7	Haryana	-	45	22	26	94
8	Himachal Pradesh	-	-	15	40	54
9	J&K	-	65	542	51	658
10	Jharkhand	327	862	1,362	315	2,866
11	Karnataka	145	204	451	121	921
12	Kerala	134	87	57	8	286
13	Madhya Pradesh	421	598	952	167	2,137
14	Maharashtra	257	143	482	33	915
15	Manipur	36	33	41	0	110
16	Meghalaya	26	58	155	118	356
17	Mizoram	14	42	35	8	98
18	Nagaland	21	24	55	-	100
19	Orissa	1,079	366	1,360	299	3,104
20	Punjab	-	15	42	23	80
21	Rajasthan	347	782	1,246	101	2,476
22	Sikkim	-	18	21	-	39
23	Tamil Nadu	110	2	244	47	403
24	Telangana	27	60	61	0	148
25	Tripura	78	62	112	6	258
26	Uttar Pradesh	2,262	3,149	3,560	550	9,522
27	Uttarakhand	16	33	270	38	358
28	West Bengal	273	241	1,281	176	1,971
29	Goa	-	-	3	3	6
30	D&N Haveli	-	-	1	-	1
31	Puducherry	1	-	0	2	3
32	Andaman Nicobar	-	1	-	-	1
	Total	7,930	8,995	16,485	2,831	36,241

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.904
ANSWERED ON 06.02.2020

ELECTRICITY CONNECTION TO POOR PERSONS

†904. SHRI RAHUL KASWAN:

Will the Minister of POWER
be pleased to state:

(a) whether a scheme has been made to provide electricity connection to every hamlet and house in the country;

(b) if so, the details thereof along with the funds allocated under the scheme, State-wise including Rajasthan;

(c) whether household connection has not been provided to the poor persons who has submitted the demand note for more than one year;

(d) if so, the details thereof; and

(e) the total number of hamlets and houses electrified during the last three years and the number of persons in waiting list, State-wise including Rajasthan?

A N S W E R

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER, NEW & RENEWABLE ENERGY AND THE MINISTER OF STATE FOR SKILL DEVELOPMENT & ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) & (b): Government of India launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana - SAUBHAGYA in October, 2017 to achieve universal household electrification by providing last mile connectivity and electricity connections to all households in rural areas and all poor households in urban areas across the country.

There is no upfront allocation of funds for any State under Saubhagya scheme. Funds are released for sanctioned projects in installments based on the reported utilisation of amount in the previous installment(s) and fulfillment of stipulated conditionalities. Under the scheme, grant of Rs. 4541 crore has been released to States including Rajasthan, up to 31.12.2019. The State-wise details are given at Annexure-I.

(c) to (e) : All the States reported electrification of all the households on Saubhagya portal as on 31st March 2019, except few households in Left Wing Extremism (LWE) affected Bastar region of Chhattisgarh. Since the launch of Saubhagya scheme, 2.63 crore households were electrified across the country up to 31.03.2019. The State-wise details are given at Annexure-II.

Subsequently, seven States reported 19.09 lakh un-electrified households which were un-willing earlier, later willing to get electricity connection, identified before 31stMarch, 2019. Out of these, 10,71,336 households have been electrified up to 31.01.2020. The State-wise details are given at Annexure-III.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) & (b) OF UNSTARRED QUESTION NO. 904 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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State-wise grant disbursed under Saubhagya up to 31.12.2019.

Sl. No.	Name of the State	Grant disbursed (Rs. in Crore)
1	Arunachal Pradesh	153
2	Assam	490
3	Bihar	314
4	Chhattisgarh	284
5	Haryana	3
6	Himachal Pradesh	4
7	J&K	53
8	Jharkhand	152
9	Kerala	41
10	Madhya Pradesh	407
11	Maharashtra	189
12	Manipur	41
13	Meghalaya	168
14	Mizoram	35
15	Nagaland	39
16	Odisha	245
17	Rajasthan	123
18	Tripura	245
19	Uttar Pradesh	1412
20	Uttarakhand	36
21	West Bengal	107
Total		4541

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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (e) OF UNSTARRED QUESTION NO. 904 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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State-wise electrification of households during 11.10.2017 to 31.03.2019.

Sl. No.	Name of the States	Number of households electrified
1	Andhra Pradesh	1,81,930
2	Arunachal Pradesh	47,089
3	Assam	17,45,149
4	Bihar	32,59,041
5	Chhattisgarh	7,49,397
6	Gujarat	41,317
7	Haryana	54,681
8	Himachal Pradesh	12,891
9	Jammu & Kashmir	3,77,045
10	Jharkhand	15,30,708
11	Karnataka	3,56,974
12	Ladakh	10,456
13	Madhya Pradesh	19,84,264
14	Maharashtra	15,17,922
15	Manipur	1,02,748
16	Meghalaya	1,99,839
17	Mizoram	27,970
18	Nagaland	1,32,507
19	Odisha	24,52,444
20	Puducherry	912
21	Punjab	3,477
22	Rajasthan	18,62,736
23	Sikkim	14,900
24	Tamil Nadu	2,170
25	Telangana	5,15,084
26	Tripura	1,39,090
27	Uttar Pradesh	79,80,568
28	Uttarakhand	2,48,751
29	West Bengal	7,32,290
Total		262,84,350

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ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (e) OF UNSTARRED QUESTION NO. 904 ANSWERED IN THE LOK SABHA ON 06.02.2020.

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STATE-WISE WILLING UN-ELECTRIFIED HOUSEHOLDS IDENTIFIED BEFORE 31ST MARCH 2019

S.No.	Name of the State	Un-electrified HHs (un-willing earlier)	Households electrified from 01.04.2019 to 31.01.2020	Balance un-electrified HHs to be electrified (as on 31.01.2020)
1	Assam	200,000	135,291	64,709
2	Chhattisgarh	40,394	21,295	19,099
3	Jharkhand	200,000	127,645	72,355
4	Karnataka	39,738	26,687	13,051
5	Manipur	1,141	1,980	0
6	Rajasthan*	228,403	212,786	0
7	Uttar Pradesh	1,200,003	545,652	654,351
Total		1,909,679	1,071,336	823,565

*** State has informed that cumulative progress of electrification of willing households from 01.04.2019 to 31.12.2019 is 2,12,786 & reported 100% electrification.**

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