

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.45
ANSWERED ON 13.12.2018**

WATER CONSUMPTION BY THERMAL POWER PLANTS

***45. SHRI VINCENT H. PALA:**

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

- (a) the details of the total water consumed by thermal power plants on per day basis across the country;**
- (b) whether the Government has taken steps/plans to take steps to mandate daily water withdrawal and consumption reporting by such plants; and**
- (c) 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 AND
NEW & RENEWABLE ENERGY**

(SHRI R.K. SINGH)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.45 ANSWERED IN THE LOK SABHA ON 13.12.2018 REGARDING WATER CONSUMPTION BY THERMAL POWER PLANTS.

(a) : Total water consumed by thermal power plants on per day basis across the country is not monitored by Ministry of Power/Central Electricity Authority. However, daily water consumption in thermal power plants of DVC is 3.02 Lakh kl per day and NTPC's average daily water consumption in its thermal power plants for year 2017-18 is 15.37 Lakh kl per day.

(b) & (c) : Government of India, Ministry of Environment, Forest and Climate Change (MoEF&CC) notified the norms for water consumption for thermal power plants on 7th December, 2015. These were subsequently amended vide Notification on 28.06.2018. The amended norms provide as follows:

- i. All plants with Once Through Cooling (OTC) shall install Cooling Tower (CT) and achieve specific water consumption of 3.5 m³/MWh within 2 years of Notification dated 07.12.2015.
- ii. All existing CT based plants shall reduce specific water consumption up-to maximum of 3.5 m³/MWh within a period of 2 years of Notification.
- iii. New plants to be installed after 1st January, 2017 shall have to meet specific water consumption of 3.0 m³/MWh and achieve zero water discharge.

The aforesaid water consumption limit shall not be applicable for thermal power plants using sea water.

Further, following steps have been taken by Government to reduce water consumption in thermal power plants.

- i. As per the Tariff Policy 2016, the thermal power plants including the existing plants located within 50 km radius of sewage treatment plant of Municipality/local bodies shall in the order of their closeness to the sewage treatment plant, mandatorily use treated sewage water produced by these bodies and the associated cost on this account be allowed as a pass through in the tariff. This scheme mainly envisaged to explore the possibility of recycle/ reuse of the treated waste water from STP's for non-potable use (cooling purpose) in TPPs within 50 km radius. Accordingly, the mapping of thermal power stations within the vicinity of 50 km from STPs across the country has been carried out. Presently 1179 MLD of STP water potential has been identified across the country, out of which 250 MLD of STP water is currently utilized in various TPPs across country.

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- ii. Ash water recirculation system- Water from ash pond is recovered and reused in the system.**
- iii. Dry fly Ash Handling System & High concentration slurry disposal system (HCSD) - These ash handling techniques reduce the ash handling water requirement thereby reducing the water consumption.**
- iv. Zero water discharge system – Treating the total waste water produced in the plant and recycling back in to the consumptive water system, reduces water consumption.**
- v. Operating cooling towers at higher Cycle of Concentration (COC)- This reduces the waste water generated by the plant. This waste water generated is used for low grade applications like ash handling, dust suppression system and gardening etc.**

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
STARRED QUESTION NO.51
ANSWERED ON 13.12.2018**

AWARD UNDER SAUBHAGYA SCHEME

***51. SHRIMATI K. MARAGATHAM:**

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

- (a) whether the Government has announced Rs. 100 crore award for States that would complete the household electrification early under the Saubhagya Scheme and if so, the details thereof;**
- (b) whether apart from DISCOMS, the employees would also collectively get Rs. 50 lakh award for completing the task of electrifying household under the said Scheme; and**
- (c) if so, the details thereof?**

A N S W E R

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

(SHRI R.K. SINGH)

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

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (c) OF STARRED QUESTION NO.51 ANSWERED IN THE LOK SABHA ON 13.12.2018 REGARDING AWARD UNDER SAUBHAGYA SCHEME.

(a) to (c) : Government have instituted Cash awards for DISCOMs and State Departments who achieve 100% household electrification by 30th November 2018 under Pradhan Mantri Sahaj Bijli Har Gahr Yojana (Saubhagya).

Awards are in the following three categories:

(i) DISCOMs / Power Departments of Special Category States which include seven States of North Eastern Region, Sikkim, Jammu & Kashmir and Uttarakhand

(ii) DISCOMs / Power Departments of other than Special Category States having more than 5 Lakh un-electrified households

(iii) DISCOMs / Power Departments of other than Special Category States having less than 5 Lakh un-electrified households

2. Other than Special Category States include Bihar, Chhattisgarh, Jharkhand, Karnataka, Madhya Pradesh, Maharashtra, Odisha, Rajasthan, Telangana, Uttar Pradesh and West Bengal.

3. States/DISCOMs which had already achieved saturation are not eligible for the award.

4. There are two awards in each of the above three categories. The first DISCOM / Power Department to achieve 100% household electrification by 30th November 2018 would be given cash award of Rs.50 Lakh. The Principal Secretary (Energy/Power) of the concerned State will devise the mechanism to distribute this cash prize amongst employees of the concerned DISCOM / Power Department. From this amount, Rs.20 Lakh will be given to employees of the division of DISCOM/Power Department with highest number of households electrified.

The second award includes cash award of Rs.100 Crore as grant to the concerned DISCOM/Power Department to be spent in distribution infrastructure development in their area of operation. The Principal Secretary (Energy/Power) of the State will decide work to be executed from this amount.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.472
ANSWERED ON 13.12.2018**

INCREASE OF POWER GENERATION

472. SHRI V. ELUMALAI:

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

(a) whether the Government had finalised a plan to add 78,000 MW of generation capacity and encouraged the setting up of gas based power plants to fulfil this, on the basis of their shorter gestation periods and also based on the assurance of an adequate quantity of domestic gas by the Ministry of Petroleum and Natural Gas;

(b) whether new plants of 9,000 MW capacity were planned and accordingly Independent Power Producers have built these plants based on the Government's plan to allocate gas as and when commissioned; and

(c) if so, the details thereof?

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (c): The Government of India had set a capacity addition target of 78,700 MW during 11th plan (2007-12) which included 6,843 MW of Gas based capacity. Against the target of 6,843 MW gas based capacity, 5155.9 MW capacity had been achieved during 11th Plan (Central: 740 MW, State: 1885.4 MW & Private: 2530.5 MW).

Empowered Group of Ministries (EGoM) on pricing and utilization for natural gas under New Exploration and Licensing Programme (NELP) made allocation of KG D6 gas to Power sector. Empowered Group of Ministers (EGoM) in its meeting dated 08.01.2009 had decided that "subject to the availability of gas, necessary allocations from RIL KG D6 fields will be made to these projects in pipeline as and when they are ready to commence production."

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.480
ANSWERED ON 13.12.2018**

INCREASED POWER REQUIREMENT IN TAMIL NADU

480. SHRI BHARATHI MOHAN R.K.:

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

(a) whether the Government has empowered the Tamil Nadu Electricity Board (TNEB) and Tamil Nadu Generation and Distribution Corporation Ltd. (TANGEDCO) to provide uninterrupted power supply to essential Government and Private offices and Vital Institutions, Police establishments etc.;

(b) if so, the details thereof;

(c) the effective steps taken by the Government to facilitate Tamil Nadu to meet its increasing power requirements including that of various Government and Private projects which requires 24x7 mandatory power supply; and

(d) the amount of the funds allocated for the same during the last three years?

A N S W E R

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

(SHRI R. K. SINGH)

(a) & (b): Electricity is in the concurrent list and distribution of electricity is done by Tamil Nadu Generation and Distribution Corporation Ltd (TANGEDCO)/State Energy Department. TANGEDCO has reported that they are supplying uninterrupted power to all consumers including Government and Private offices, Vital institutions, Police establishments etc. Government of India is supporting the State Government to ensure uninterrupted electricity supply through various schemes including Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY), Integrated Power Development Scheme (IPDS) and Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya).

(c)& (d): As per the information furnished by the Government of Tamil Nadu, the average power demand of Tamil Nadu is around 14,800 MW to 15,300 MW and peak demand is 15,440 MW. The installed capacity of Tamil Nadu as on 31.10.2018, is 18414 MW of conventional Energy sources and 11,716 MW of Renewable Energy sources. Government of India is supporting

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the State of Tamil Nadu in augmenting and strengthening of the intra-state transmission and distribution network through various schemes including Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) for better power supply to the consumers. Projects worth Rs.1306.77 crore including Rural Electrification (RE) component have been sanctioned to Tamil Nadu under DDUGJY. Projects worth Rs.5,411.72 crore have been sanctioned to Tamil Nadu under IPDS including R-APDRP. The fund is released based on milestones of progress. The fund released to Tamil Nadu during the last three years is given below:

(Rs. in crore)

Financial year	2015-16	2016-17	2017-18	Total
DDUGJY	77.07	110.34	1.86	189.27
IPDS	Nil	216.05	282.50	498.55

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.495
ANSWERED ON 13.12.2018**

ELECTRIFICATION OF VILLAGES

495. SHRI SISIR KUMAR ADHIKARI:

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

- (a) whether inspite of Government announcement of 100 per cent electrification, numbers of villages in the country still are without electricity, if so, the details thereof;
- (b) whether Assam Government has asked for electrification of more than lakhs of villages therein, if so, the details thereof;
- (c) whether still 16 per cent of households in the country are without access of electricity, if so, the details thereof;
- (d) the details of electrification of villages during the period 2006-2012 and 2011-2018; and
- (e) the steps taken by the Government to achieve actual 100 per cent of electrification thereto?

A N S W E R

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

(SHRI R. K. SINGH)

- (a) : As informed by the States, all the inhabited census villages across the country including Assam, stand electrified as on 28.04.2018.
- (b) : No such report has been received from Government of Assam.
- (c) : As reported by the States, there are 21.73 crore households in the country. Of these 20.79 crore households have been electrified as on 30.11.2018 and all the remaining 0.94 crore households are aimed for electrification by March, 2019.

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(d) : As reported by the States, number of villages electrified including Intensive Electrification (IE) under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and its Rural Electrification (RE) Component, during the financial year 2006-12 and 2011-18 is below:

Year	Electrification of Un-electrified villages (UEV)	Intensive Electrification (IE) of Villages	Total
2006-12	94,028	2,48,203	3,42,231
2011-18	29,333	3,22,406	3,51,739

(e) : Government of India have launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana –“Saubhagya” with the objective to achieve universal household electrification. The scheme envisages last mile connectivity and electricity connections to all remaining un-electrified households by 31st March, 2019.

**GOVERNMENT OF INDIA
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**LOK SABHA
UNSTARRED QUESTION NO.504
ANSWERED ON 13.12.2018**

NETWORK INVESTMENT AND STRENGTHENING

504. SHRI A.P. JITHENDER REDDY:

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

- (a) the number of substations and Distribution Transformers (DTs) planned, and installed, State-wise, in rural electrification projects since 2014;**
- (b) the number of electrification lines under 11 KV planned and laid under rural electrification projects since 2014, State-wise;**
- (c) the number of Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) projects sanctioned since it's inception, and the number of projects delayed for more than two years;**
- (d) the number of overloading and transformer breakdowns since 2014, State-wise;**
- (e) the steps taken by the Government to improve the quality of electricity supply;**
- (f) the measures taken in tariff design innovation to encourage home-based or small enterprises in newly electrified villages; and**
- (g) the number of accidents and fatalities from electricity shock, fires from electricity short-circuits since 2014, State-wise, the details of compensation paid to victims since 2014?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (c) : Government of India launched 'Deen Dayal Upadhyaya Gram Jyoti Yojana' (DDUGJY) in December, 2014 for various rural electrification works. Under the scheme, 4505 new projects of Rs. 42676.67 crore have been sanctioned. An additional amount of Rs.11,996 crore has also been sanctioned for 14 States under DDUGJY for creation of additional infrastructure to cater to the requirement of household electrification being done under Saubhagya. The physical progress of Sub-stations, Distribution Transformers (DTs), 11 kV lines, as on 30.11.2018, is given at Annexure-I. As on date no project under DDUGJY is delayed for more than two years.

(d) : As informed by the Nodal agency for DDUGJY, no report of overloading and breakdown of transformer under DDUGJY was received by them since 2014.

(e) : The supply of electricity to rural areas falls under the purview of respective State Governments/Power Utilities. However, Government of India has taken a joint initiative with all the States/UTs for preparation of State specific documents for providing 24x7 power supply to all households, industrial & commercial consumers and adequate supply of power to agricultural consumers as per State policy. All the State Governments and Union Territories have signed “24x7 Power For All” document to provide electricity to all from 1st April 2019. Government of India supplements the efforts of States through its various schemes including Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) Pradhan Mantri Sahaj Bijli Har Ghar Yojana – Saubhagya and Ujjwal Discom Assurance Yojana (UDAY).

(f) : Tariff for all categories of consumers is determined by the concerned Regulatory Commission following the broad principles laid down under Tariff Policy 2016 with the basic objective to ensure availability of electricity to consumers, including home-based or small enterprises in villages, at reasonable and competitive rates. The Tariff Policy 2016 also provides for the State Governments to give subsidy and suggests that direct subsidy is a better way to support the poorer categories of consumers and subsidies should be targeted effectively and in transparent to only needy consumers.

(g) : As per the data furnished by states, the numbers of Electrical Accidents and the compensation paid to the victims since 2014 is given at Annexure-II.

The state-wise details of electrical accidents during 2014-15 to 2017-18 are given at Annexure-II.

ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 504 ANSWERED IN THE LOK SABHA ON 13.12.2018.

DDUGJY:State-wise details of Sub-station, Distribution Transformers and 11 kV lines						
Sl. No.	Name of State	Parameter	Augmentation		As on 30.11.2018	
			Physical		DTR	11 KV Line (Excl. Feeder segregation)
			New	Augmentation		
1	ANDAMAN & NICOBAR ISLANDS	Sanctioned Scope	5	0	0	59
		Achievement/Progress	0	0	0	0
2	ANDHRA PRADESH	Sanctioned Scope	132	0	20265	5232.24
		Achievement/Progress	132	0	14465	2826.21
3	ARUNACHAL PRADESH	Sanctioned Scope	0	0	533	975.74
		Achievement/Progress	0	0	472	758.3
4	ASSAM	Sanctioned Scope	23	15	5144	5195.1
		Achievement/Progress	0	0	2106	2306.65
5	BIHAR	Sanctioned Scope	288	0	70621	3077
		Achievement/Progress	82	0	5804	416.45
6	CHHATTISGARH	Sanctioned Scope	80	101	12894	6141.22
		Achievement/Progress	61	69	5832	3352.73
7	DADRA & NAGAR HAVELI	Sanctioned Scope	0	0	14	37.93
		Achievement/Progress				0
8	GOA	Sanctioned Scope	0	0	0	0
		Achievement/Progress	0	0	0	0
9	GUJARAT	Sanctioned Scope	21	0	17466	2309.21
		Achievement/Progress	10	0	17239	7612.88
10	HARYANA	Sanctioned Scope	14	1	3536	1159.8
		Achievement/Progress	0	0	561	671.48
11	HIMACHAL PRADESH	Sanctioned Scope	16	29	321	454.17
		Achievement/Progress	0	0	0	0
12	JAMMU & KASHMIR	Sanctioned Scope	40	25	2395	2976.13
		Achievement/Progress	0	0	69	23.71
13	JHARKHAND	Sanctioned Scope	104	131	64645	3044.33
		Achievement/Progress	28	0	17578	5239.88
14	KARNATAKA	Sanctioned Scope	4	3	12360	4394.4
		Achievement/Progress	2	3	4949	4419.45
15	KERALA	Sanctioned Scope	2	7	581	1281.94
		Achievement/Progress	1	3	542	1084.72
16	MADHYA PRADESH	Sanctioned Scope	135	335	28093	9100.56
		Achievement/Progress	47	130	8985	5521.76
17	MAHARASHTRA	Sanctioned Scope	216	104	10876	5144.26
		Achievement/Progress	114	83	3373	1822.4
18	MANIPUR	Sanctioned Scope	0	0	315	324.67
		Achievement/Progress	0	0	1	1.5
19	MEGHALAYA	Sanctioned Scope	9	2	1053	1349.53
		Achievement/Progress				0
20	MIZORAM	Sanctioned Scope	0	0	72	181.7
		Achievement/Progress	0	0	63	151.6
21	NAGALAND	Sanctioned Scope	3	0	115	237.89
		Achievement/Progress	0	0	84	217.83
22	ODISHA	Sanctioned Scope	15	78	7527	7460.34
		Achievement/Progress	7	78	1273	1073.08

23	PUDUCHERRY	Sanctioned Scope	0	0	21	48.05
		Achievement/Progress				0
24	PUNJAB	Sanctioned Scope	0	0	1721	625.87
		Achievement/Progress	0	0	256	752.77
25	RAJASTHAN	Sanctioned Scope	208	5	39084	21414.43
		Achievement/Progress	96	1	35207	10648.4
26	SIKKIM	Sanctioned Scope	0	0	143	155.2
		Achievement/Progress	0	0	0	0
27	TAMIL NADU	Sanctioned Scope	108	132	1257	1797.4
		Achievement/Progress	38	51	417	531.12
28	Telangana	Sanctioned Scope	84	0	8482	2320.64
		Achievement/Progress	68	0	3540	797.87
29	TRIPURA	Sanctioned Scope	0	0	144	95.82
		Achievement/Progress	0	0	20	55.11
30	UTTAR PRADESH	Sanctioned Scope	237	612	70227	12557.88
		Achievement/Progress	143	373	23725	3669.54
31	UTTARAKHAND	Sanctioned Scope	1	0	3877	2557.15
		Achievement/Progress	0	0	262	197.69
32	WEST BENGAL	Sanctioned Scope	80	112	26364	8126.22
		Achievement/Progress	28	107	3576	886.22
Grand Total		Total Sanctioned Scope	1825	1692	41014	109835.82
		Total Achievement/Progress	857	898	15039	55039.34

**ANNEX REFERRED TO IN REPLY TO PART (g) OF UNSTARRED QUESTION
NO. 504 ANSWERED IN THE LOK SABHA ON 13.12.2018.**

**STATE WISE DETAILS OF ELECTRICAL ACCIDENTS
DURING THE YEAR 2014-2018**

State/UT	Human Fatal (2014-2015)	Human Fatal (2015-2016)	Human Fatal (2016-2017)	Human Fatal (2017-2018)
Andhra Pradesh	248	431	82	NA
Arunachal Pradesh	NA	NA	0	NA
Assam	3	5	4	4
Bihar	86	NA	NA	0
Chhattisgarh	227	217	124	193
Goa	9	8	4	9
Gujarat	437	432	624	623
Haryana	97	104	63	75
Himachal Pradesh	32	23	28	15
Jammu and Kashmir	NA	NA	NA	NA
Jharkhand	NA	NA	63	45
Karnataka	580	477	500	481
Kerala	309	287	208	242
Madhya Pradesh	544	563	241	246
Maharashtra	818	864	1269	1273
Manipur	9	6	0	NA
Meghalaya	NA	NA	0	NA
Mizoram	NA	9	0	NA
Nagaland	1	NA	0	NA
Odisha	115	128	48	130
Punjab	4	100	101	96
Rajasthan	231	431	23	90
Sikkim	NA	NA	NA	5
Tamil Nadu	596	730	520	307
Telangana	92	49	241	96
Tripura	0	NA	0	NA
Uttar Pradesh	123	312	958	1131
Uttarakhand	47	32	34	57
West Bengal	115	117	189	196
Delhi	19	4	132	108
A & N Islands	2	3	4	2
Chandigarh	0	1	0	0
D&N Haveli	0	NA	1	1
Daman & Diu	0	NA	0	2
Lakshadweep	NA	NA	NA	NA
Puducherry	10	5	1	9
Total	4754	5338	5462	5436

Compensation paid to accident victims from 2014-15 to 2017-18

Year	Compensation Paid (in Rs.)
2014-15	Rs.29424890/- (Only for Kerala)
2015-16	Rs.18944520/- (Only for Kerala)
2016-17	Rs.19932680/- (Madhya Pradesh, Goa, Odisha, Uttarakhand, Kerala)
2017-18	Rs.9044649/- (Madhya Pradesh, Goa, Odisha, Uttarakhand, Chandigarh, Daman & Diu, Kerala)

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.535
ANSWERED ON 13.12.2018**

ELECTRICITY THEFT

535. SHRI ABHISHEK SINGH:

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

- (a) whether each village of the country has been electrified, if so, the details thereof;**
- (b) the steps taken by the Government to provide continuous electricity supply to all these villages; and**
- (c) the measures taken by the Government to prevent electricity theft and improve transmission losses over distribution ?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) : As reported by the States, all the inhabited un-electrified census villages across the country stand electrified as on 28.04.2018.

(b) : The supply of electricity to villages falls under the jurisdiction of respective State Governments/Power Utilities. However, Government of India has taken a joint initiative with all the States/UTs for preparation of State specific documents for providing 24x7 power supply to all households, industrial & commercial consumers and adequate supply of power to agricultural consumers as per State policy. All the State Governments and Union Territories have signed the "24X7 Power For All" document to provide electricity to all from 1st April 2019. Government of India supplements the efforts of States through its various schemes including Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) Pradhan Mantri Sahaj Bijli Har Ghar Yojana – Saubhagya and Ujjwal Discom Assurance Yojana (UDAY) .

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(c) : Central Government has taken various steps for reduction of Aggregate Technical and Commercial (AT&C) losses. Government of India have launched Integrated Power Development Scheme (IPDS) in December'14. The erstwhile Restructured Accelerated Power Development and Reforms Programme (R-APDRP) has been subsumed in IPDS. Under the scheme, central funding is provided for strengthening of sub-transmission and distribution networks in the urban areas and Metering of distribution transformers / feeders / consumers in the Urban areas, for reduction of distribution losses. Funds have also been sanctioned under IPDS for Under Ground (UG) cabling and Aerial Bunched (AB) cables, for reduction of theft incidents.

Memorandum of Understanding (MoUs) have also been signed under Ujwal DISCOM Assurance Yojana (UDAY) amongst State Governments/UTs, Power Distribution companies (DISCOMs) and the Ministry of Power, which inter-alia envisage Power Distribution companies (DISCOMs) to undertake various steps including campaign to control power theft.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.536
ANSWERED ON 13.12.2018**

UNDER-UTILIZATION OF POWER PLANTS

536. SHRI G. HARI:

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

- (a) whether more than half of gas based power plants capacity is stranded or unutilised which requires immediate attention;**
- (b) if so, the details thereof;**
- (c) whether the reason for the shortage of gas supply to these power plants is the Government's inability to ensure an adequate supply, despite its assurance to the power plants; and**
- (d) if so, the reasons therefor?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (d) : A total of 14305 MW gas based power generation capacity is stranded in the country due to non-availability of domestic gas. The details of these gas-based power plants are at Annexure. Empowered Group of Ministers (EGoM) on pricing and utilization for natural gas under New Exploration and Licensing Programme (NELP) recommended allocation of KG D6 gas to Power sector. Empowered Group of Ministers (EGoM) in its meeting dated 08.01.2009 had decided that "subject to the availability of gas, necessary allocations from RIL KG D6 fields will be made to these projects in pipeline as and when they are ready to commence production."

ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 536 ANSWERED IN THE LOK SABHA ON 13.12.2018.

STRANDED GAS BASED CAPACITY (ALL INDIA)

Sl. No	Name of Projects	Sector	Developer	Installed Capacity (MW)	State
1	GAUTAMI CCPP	P	GVK Gautami Power Ltd	464	ANDHRA PRADESH
2	GMR - KAKINADA (Tanirvavi)	P	GMR Energy	220	ANDHRA PRADESH
3	JEGURUPADU CCPP	P	GVK Industries Ltd	220.5	ANDHRA PRADESH
4	KONASEEMA CCPP	P	Konaseema Power	445	ANDHRA PRADESH
5	KONDAPALLI EXTN CCPP	P	Lanco Power	366	ANDHRA PRADESH
6	VEMAGIRI CCPP	P	GMR Energy	370	ANDHRA PRADESH
7	SRIBA INDUSTRIES	P	PCIL Power & Holdings Limited	30	ANDHRA PRADESH
8	RVK ENERGY	P	RVK Energy	28	ANDHRA PRADESH
9	SILK ROAD SUGAR	P	SILK ROAD SUGAR	35	ANDHRA PRADESH
10	LVS POWER	P	LVS Power	55	ANDHRA PRADESH
11	GMR VEMAGIRI EXP	P	GMR Energy	768	ANDHRA PRADESH
12	KONDAPALLI EXP ST-III	P	Lanco Power	742	ANDHRA PRADESH
13	SAMALKOT EXP	P	Reliance Infra	2400	ANDHRA PRADESH
14	CCGT BY PANDURANGA	P	Panduranga Energy	116	ANDHRA PRADESH
15	PRAGATI CCGT-III	S	Pragati Power Corporation Ltd	750	DELHI
16	RITHALA CCPP	P	NDPL	108	DELHI
17	DHUVARAN CCPP(GSECL)	S	Gujarat State Electricity Corporation Ltd	112	GUJARAT
18	UTRAN CCPP(GSECL)	S	Gujarat State Electricity Corporation Ltd	374	GUJARAT
19	PIPAVAV CCPP	S	GSPC Pipavav Power Company Ltd	702	GUJARAT
20	DHUVARAN CCPP	S	Gujarat State Electricity Corporation Ltd	376.3	GUJARAT
21	HAZIRA CCPP EXT	S	Gujarat State Energy Generation Ltd	351	GUJARAT
22	VATWA CCPP*	P	Torrent Power	100	GUJARAT
23	ESSAR CCPP	P	Essar Power	300	GUJARAT
24	UNOSUGEN CCPP	P	Torrent Power	382.5	GUJARAT
25	DGEN Mega CCPP	P	Torrent Power	1200	GUJARAT
26	RATNAGIRI (RGPPL-DHABHOL)	C	NTPC	1967	MAHARASHTRA
27	CCGT BY PIONEER GAS POWER LTD	P	Pioneer Gas Power Ltd	388	MAHARASHTRA
28	GAS ENGINE BY ASTHA	P	Astha Power	35	TELENGANA
29	KASHIPUR SRAVANTHI ST-I&II	P	Sravanthi Energy	450	UTTARKHAND
30	BETA INFRA TECH CCGT	P	Beta Infratech	225	UTTARKHAND
31	GAMA INFRA PROP CCGT	P	Gama Infraprop	225	UTTARKHAND
	TOTAL			14305	

C: Central Sector; S: State Sector; P: Private Sector;

* Vatwa CCPP was retired in 2015-16

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.539
ANSWERED ON 13.12.2018**

ELECTRIFICATION SCHEMES FOR JAMMU & KASHMIR

†539. SHRI JUGAL KISHORE:

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

- (a) the details of schemes under which electricity is being provided to the people of State of Jammu & Kashmir in rural areas;**
- (b) whether the Government is bringing any new scheme for the rural people;**
- (c) if so, the details thereof; and**
- (d) the amount of funds allocated to the State of Jammu and Kashmir under Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY)?**

A N S W E R

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

(SHRI R. K. SINGH)

(a): The supply of electricity to rural areas falls under the purview of respective State Governments/Power Utilities. However, Government of India is supplementing the efforts of States through the following schemes:-

i) Deen Dayal Upadhyaya Gram Jyoti Yojana' (DDUGJY):

Government of India launched Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) in December, 2014 for various rural electrification works including separation of agriculture and non-agriculture feeders, strengthening and augmentation of sub-transmission & distribution infrastructure, metering at distribution transformers/feeders/consumers and electrification of villages across the country including Jammu & Kashmir. Under the scheme, 22 projects have been sanctioned at the cost of Rs.681.84 crore for the State of Jammu & Kashmir. Further, an additional amount of

Rs.875 crore has also been sanctioned for Jammu & Kashmir under DDUGJY for creation of additional infrastructure to cater to the requirement of household electrification up to 31.12.2018.

ii) Pradhan Mantri Sahaj Bijli Har Ghar Yojana – Saubhagya:

Government of India has launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana –“Saubhagya” with an outlay of Rs.16,320 crore, with the objective to achieve universal household electrification by providing last mile connectivity and electricity connections to all households in rural and all poor households in urban areas by March, 2019. Under the scheme, an amount of Rs. 133.43 crore has been sanctioned for the State of Jammu & Kashmir.

(b) & (c) : No, Madam. .

(d) : Under the scheme, Government of India have sanctioned projects with the cost of Rs.681.84 crore, for the State of Jammu & Kashmir.

Further, an amount of Rs.1151.98 crore has been sanctioned for electrification of rural villages under Prime Minister’s Development Package (PMDP) for Jammu & Kashmir.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.541
ANSWERED ON 13.12.2018**

CORPORATE SOCIAL RESPONSIBILITY

541. SHRI GODSE HEMANT TUKARAM:

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

- (a) the quantum of funds spent by various companies in Corporate Social Responsibility (CSR) during the last three years;**
- (b) the details of the amount spent during the above years, State-wise, district-wise and work-wise;**
- (c) whether lesser funds have been issued to Maharashtra under CSR during the above period due to which people have received less benefits; and**
- (d) if so, the details thereof and the reasons therefor?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (d) : The quantum of funds spent by the various companies /Public Sector Undertakings(PSUs) under Ministry of Power under Corporate Social Responsibility (CSR) during the last three years, State-wise, district-wise and work-wise including Maharashtra are given at Annex.

ANNEX**ANNEX REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 541 ANSWERED IN THE LOK SABHA ON 13.12.2018.**

Sl. No.	Name of CPSUs/Org.	Amount Spent (Rs. in lakh) year-wise			Details for amount spent state-wise, district-wise, work-wise (Attached herewith from Par-I to IX)
		2015-16	2016-17	2017-18	
1.	NTPC	49180.00	27781.00	24154.00	Part-I
2.	NHPC	7267.55	7581.87	3854.71	Part-II
3.	PGCIL	11578.00	14727.00	15799.00	Part-III
4.	REC	12819.77	6980.00	4944.88	Part-IV
5.	PFC	15793.28	16811.00	11818.02	Part-V
6.	NEEPCO	1030.59	607.58	564.43	Part-VI
7.	THDC	1335.00	1534.84	1620.45	Part-VII
8.	SJVNL	2887.00	3716.12	3876.15	Part-VIII
9.	POSOCO	190.13	161.37	127.54	Part-IX

CSR Activities of NTPC Ltd.									Part-I		
(Amount in Rs. Lakh)											
Category of CSR Activity	2015-16			2016-17			2017-18				
	State		Amount	State	District	Amount	State	District	Amount		
Promotion of Education and Skill Development	Andhra Pradesh	Visakhapatnam	126	Andhra Pradesh	Visakhapatnam	147	Across India		41		
	Bihar	Bhagalpur	232	Bihar	Bhagalpur	429	Andhra Pradesh	Vishakhapatnam	323		
		Patna	29		Patna	20	Bihar	Bhagalpur	323		
	Chhattisgarh	Bilaspur	199	Chhattisgarh	Bilaspur	155	Chhattisgarh	Patna	3		
		Korba	395		Korba	284		Bilaspur	401		
		Raipur	1		Delhi	South Delhi		401	Raipur	419	
	Delhi	South Delhi	369	Gujarat	Bharuch	102	Gujarat	Bharuch	68		
	Gujarat	Bharuch	69		Surat	10		Surat	3		
			Surat	17	Haryana	Faridabad	25	Haryana	Faridabad	20	
	Haryana	Faridabad	19	Himachal Pradesh	Bilaspur	6	Himachal Pradesh	Sundernagar	11		
	Himachal Pradesh	Bilaspur	8	Jharkhand	Hazaribagh	15	Jharkhand	Hazaribagh	8		
	Jharkhand	Hazaribagh	8	Kerala	Alappuzha	183	Kerala	Alapuzha	258		
	Kerala	Alappuzha	201	Madhya Pradesh	Ashok Nagar	1200	Madhya Pradesh	Ashok Nagar	150		
	Madhya Pradesh	Singrauli	453	Pradesh	Singrauli	499	Madhya Pradesh	Singrauli	128		
	Maharashtra	Mumbai	15	Maharashtra	Mumbai	15	Maharashtra	Mumbai	38		
	Odisha	Angul	706	National	Across India	1	New Delhi	New Delhi	486		
		Bhubaneswar	10	Odisha	Angul	797	Odisha	Angul	866		
	Rajasthan	Baran	112		Bhubaneswar	305		Bhubaneswar	383		
	Telangana	Hyderabad	31	Rajasthan	Baran	200	Rajasthan	Baran	202		
		Peddapalli	337		Jaipur	20		Jaipur	20		
	Uttar Pradesh	Lower Dibang Valley	32	Telangana	Hyderabad	69	Telangana	Hyderabad	62		
		Auraiya	151		Peddapalli	390		Karimnagar	387		
		Gautambudhnagar	340	Uttar Pradesh	Ambedkar Nagar	33	Uttar Pradesh	Ambedkar Nagar	37		
		Lucknow	12		Auraiya	113		Auraiya	116		
		Noida	1		Gautambudhnagar	423		Gautam Budha Nagar	363		
		Raebareli	37		Lucknow	10		Lucknow	29		
		Sonebhadra	459		Mathura	39		Mathura	53		
West Bengal	Murshidabad	294		Raebareli	176		Raebarelie	136			
				Sonebhadra	492		Sonebhadra	1085			
			Uttarakhand	Nainital	82		Varanasi	25			
	West Bengal		West Bengal	Murshidabad	214	West Bengal	Murshidabad	185			
							Purulia	1			
Health and Family Welfare	Andhra Pradesh	Visakhapatnam	89	Andra Pradesh	Visakhapatnam	260	Andhra Pradesh	Vishakhapatnam	67		
	Bihar	Bhagalpur	209	Assam	Kokrajhar	36	Bihar	Bhagalpur	5		
	Chhattisgarh	Bilaspur	40	Bihar	Bhagalpur	248		Patna	34		
		Korba	497		Patna	3	Chhattisgarh	Bilaspur	9		
	Delhi	South Delhi	138	Chhattisgarh	Bilaspur	46	Chhattisgarh	Raipur	43		
	Gujarat	Bharuch	69		Korba	556		Gujarat	Bharuch	1	
			Surat	2	Delhi	South Delhi	211		Surat	4	

	Haryana	Faridabad	4	Gujarat	Bharuch	8	Haryana	Faridabad	18		
		Nuh	14		Surat	3	Kerala	Alapuzha	43		
	Himachal Pradesh	Bilaspur	57	Haryana	Faridabad	9	Madhya Pradesh	Singrauli	81		
		Kerala	Alappuzha		47	Nuh		1	Maharashtra	Nagpur	900
	Madhya Pradesh	Singrauli	1132	Himachal Pradesh	Bilaspur	67	New Delhi	New Delhi	23		
	Maharashtra	Nagpur	26	Kerala	Alappuzha	50	Odisha	Angul	56		
		Odisha	Angul		347	Madhya Pradesh		Singrauli	1402	Bhubaneswar	4
		Bhubaneswar	152	Maharashtra	Mumbai	20		Sundergarh	40		
	Rajasthan	Baran	17		Nagpur	7	Rajasthan	Baran	6		
	Telangana	Hyderabad	21	Odisha	Angul	645	Telangana	Karimnagar	17		
		Peddapalli	189		Bhubaneswar	5		Uttar Pradesh	Ambedkar Nagar	18	
	Uttar Pradesh	Ambedkar Nagar	95	Rajasthan	Baran	28	Auraiya		3		
		Auraiya	14		Telangana	Hyderabad	15		Gautam Budha Nagar	10	
		Gautambudhnagar	116		Peddapalli	248	Lucknow		4		
		Lucknow	5	Uttar Pradesh	Ambedkar Nagar	114	RaeBarelie		7		
		Raebareli	174		Auraiya	12	Sonebhadra		66		
		Sonebhadra	170		Gautambudhnagar	95	Varanasi		901		
					Lucknow	7					
					Noida	11					
					Raebareli	185					
					Sonebhadra	215					
	West Bengal	Murshidabad	262		West Bengal	Murshidabad	316	West Bengal	Murshidabad	14	
Drinking Water and Sanitation	Andhra Pradesh	Visakhapatnam	802	Andhra Pradesh	Visakhapatnam	52	Andhra Pradesh	Vishakhapatnam	396		
	Assam	Kokrajhar	120	Assam	Kokrajhar	138	Assam	Kokrajhar	25		
		Bihar	Bhagalpur	2953	Bihar	Bhagalpur	465	Bihar	Aurangabad	116	
			Patna	7286		Patna	1159		Patna	109	
		Chhattisgarh	Bilaspur	124	Chhattisgarh	Bilaspur	237		Chhattisgarh	Bhagalpur	147
			Korba	949		Korba	240	Bilaspur		183	
			Raigarh	336		Raigarh	12	Raipur		196	
			Raipur	596		Raipur	23	Gujarat		Surat	57
		Gujarat	Bharuch	263	Gujarat	Bharuch	14	Gujarat	Bharuch	13	
			Surat	260		Surat	34		Haryana	Faridabad	40
			Faridabad	38	Haryana	Faridabad	27			Jhajjar	9
		Himachal Pradesh	Bilaspur	98	Himachal Pradesh	Bilaspur	44	Himachal Pradesh	Sundernagar	11	
		Jharkhand	Chatra	794	Jharkhand	Bokaro	25	Jharkhand	Chatra	4	
			Hazaribagh	651		Chatra	122	Kerala	Alapuzha	94	
			Alappuzha	13		Hazaribagh	77	Madhya Pradesh	Singrauli	208	
		Madhya Pradesh	Khargone	1251	Madhya Pradesh	Khargone	13	New Delhi	Khargone	42	
			Narsinghpur	217		Narsinghpur	38		New Delhi	New Delhi	13
			Singrauli	1332		Singrauli	552		Odisha	Angul	283
	National	Across India	578	National	Across India	453		Durgapur		20	

	Odisha	Angul	2108	Odisha	Angul	300		Rourkela	19	
		Bhubaneswar	806		Sundargarh	42		Sundergarh	14	
		Sundargarh	969		Rajasthan	Baran		117	Bhubaneswar	5
	Rajasthan	Baran	933	Telangana	Peddapalli	154	Rajasthan	Baran	13	
	Telangana	Hyderabad	67	Uttar Pradesh	Auraiya	10	Telangana	Karimnagar	353	
		Peddapalli	1167	Pradesh	Gautambudhnagar	2		Hyderabad	25	
	Uttar Pradesh	Ambedkar Nagar	10		Noida	16	Uttar Pradesh	Ambedkar Nagar	19	
		Auraiya	68		Sonebhadra	85		Auraiya	13	
		Gautambudhnagar	33		Varanasi	591		Gautam Budha Nagar	105	
		Lucknow	8					Phulpur	4	
		Noida	420					RaeBarelie	61	
		Raebareli	9					Sonebhadra	184	
		Sonebhadra	265					West Bengal	Murshidabad	235
	Uttarakhand	Chamoli	14		Burdhwan	19				
	West Bengal	Murshidabad	4102	West Bengal	Murshidabad	498		Murshidabad	8	
	Women Empowerment	Bihar	Bhagalpur	3	Chhattisgarh	Bilaspur	15	Chhattisgarh	Bilaspur	14
		Chhattisgarh	Bilaspur	14	Delhi	South Delhi	9	Gujarat	Surat	1
		Delhi	South Delhi	21	Gujarat	Bharuch	1	Haryana	Faridabad	22
		Gujarat	Bharuch	1		Surat	3	Kerala	Alapuzha	4
Surat			1	Haryana	Faridabad	19	Madhya Pradesh	Singrauli	4	
Haryana		Faridabad	13	Kerala	Alappuzha	4	New Delhi	New Delhi	11	
Kerala		Alappuzha	2	Madhya Pradesh	Singrauli	8	Odisha	Angul	2	
Madhya Pradesh		Singrauli	4	Odisha	Angul	2		Bhubaneswar	16	
Odisha		Angul	9	Rajasthan	Baran	4	Rajasthan	Baran	2	
Rajasthan		Baran	3	Telangana	Hyderabad	1	Telangana	Hydrabad	1	
Telangana		Peddapalli	4		Peddapalli	7		Karimnagar	6	
Uttar Pradesh		Gautambudhnagar	2	Uttar Pradesh	Gautambudhnagar	6	Uttar Pradesh	Ambedkar Nagar	1	
		Raebareli	2		Raebareli	2		Gautam Budha Nagar	8	
		Sonebhadra	10		Sonebhadra	2		Rae Barelie	6	
West Bengal		Purulia	9	West Bengal	Purulia	13		Sonebhadra	1	
Environment Protection	Andhra Pradesh	Visakhapatnam	982	Andra Pradesh	Visakhapatnam	466	Andhra Pradesh	Vishakhapatnam	1315	
	Assam	Kokrajhar	8	Assam	Kokrajhar	50	Assam	Kokrajhar	64	
	Chhattisgarh	Bilaspur	336	Bihar	Bhagalpur	43	Bihar	Bhagalpur	93	
		Korba	546	Chhattisgarh	Bilaspur	8	Chhattisgarh	Bilaspur	843	
	Gujarat	Surat	42		Korba	478		Raipur	1894	
	Haryana	Faridabad	13		Raipur	829	Gujarat	Bharuch	12	
	Kerala	Alappuzha	78	Gujarat	Bharuch	61		Surat	20	
	Madhya Pradesh	Singrauli	110	Haryana	Faridabad	3	Haryana	Faridabad	11	
	Maharashtra	Nagpur	8	Karnataka	Bijapur	215	Karnataka	Vijayapur	29	
		Solapur	3	Kerala	Alappuzha	84	Kerala	Alapuzha	2	
	Odisha	Angul	148	Madhya Pradesh	Narsinghpur	34	Madhya Pradesh	Narsinghpur	190	

	Rajasthan	Baran	3		Singrauli	153		Singrauli	41
	Telangana	Peddapalli	20	Maharashtra	Nagpur	95	Maharashtra	Nagpur	8
	Uttar Pradesh	Gautambudhnagar	102		Solapur	82		Solapur	258
		Sonebhadra	28	National	Across India	50	Odisha	Angul	185
		Chamoli	95	Odisha	Angul	200	Rajasthan	Baran	131
				Rajasthan	Baran	16	Telangana	Hyderabad	106
				Telangana	Hyderabad	278		Karimnagar	135
				Peddapalli	120				
				Uttar Pradesh	Ambedkar Nagar	160	Uttar Pradesh	Ambedkar Nagar	61
					Auraiya	57		Auraiya	59
					Gautambudhnagar	246		Gautam Budha Nagar	118
					Raebareli	7		Raebareli	5
				Sonebhadra	38	Sonebhadra		104	
		Uttarakhand	Dehradun	184	Uttarakhand	Dehradun	89		
Sports, Art, Culture and Heritage	Andhra Pradesh	Visakhapatnam	14	Andhra Pradesh	Visakhapatnam	15	Andhra Pradesh	Vishakhapatnam	6
	Bihar	Bhagalpur	8	Bihar	Bhagalpur	11			
	Chhattisgarh	Bilaspur	70		Patna	3			
		Korba	6	Chhattisgarh	Bilaspur	40			
		Raipur	14		Korba	36			
	Gujarat	Bharuch	5		Raipur	1			
		Surat	2	Gujarat	Bharuch	27			
	Heritage	Dhar (MP),	250		Surat	1	Bihar	Bhagalpur	3
		Bhagalpur (Bihar),							
		Cuttak (Odisha)							
	Kerala	Alappuzha	2	Haryana	Faridabad	1	Chhattisgarh	Bilaspur	48
	Madhya Pradesh	Singrauli	9	Kerala	Alappuzha	2		Raipur	33
	Maharashtra	Mumbai	4	Madhya Pradesh	Indore	25	Gujrat	Bharuch	5
	National	Across India	3		Singrauli	29	Haryana	Faridabad	1
	Odisha	Angul	58	National	Across India	16	Himachal Pradesh	Hamirpur	16
	Rajasthan	Baran	2	Odisha	Angul	30	Kerala	Alapuzha	3
	Telangana	Peddapalli	33		Bhubaneswar	2	Madhya Pradesh	Singrauli	6
	Uttar Pradesh	Ambedkar Nagar	1	Rajasthan	Baran	3	New Delhi	New Delhi	2
		Auraiya	1	Telengana	Hyderabad	2	Odisha	Angul	35
		Gautambudhnagar	4		Peddapalli	10		Bhubaneshwar	3
Raebareli		2	Uttar Pradesh	Ambedkar Nagar	1	Rajasthan	Baran	3	
Sonebhadra		6		Gautambudhnagar	3	Telangana	Karimnagar	17	
West Bengal	Murshidabad	13		Lucknow	2	Uttar Pradesh	Ambedkar Nagar	6	
				Sonebhadra	6		Gautam Budha Nagar	14	

				West Bengal	Murshidabad	8		Rae Barelie	1	
								Sonebhadra	6	
							West Bengal	Murshidabad	3	
Rural Development	Andhra Pradesh	Visakhapatnam	733	Andhra Pradesh	Visakhapatnam	307	Andhra Pradesh	Vishakhapatnam	21	
	Assam	Guwahati	4	Assam	Guwahati	4	Bihar	Bhagalpur	79	
		Kokrajhar	164		Kokrajhar	284		Patna	50	
	Bihar	Bhagalpur	104	Bihar	Bhagalpur	93	Chhattisgarh	Bilaspur	43	
		Patna	49		Patna	38		Raipur	6	
	Chhattisgarh	Bilaspur	16	Chhattisgarh	Bilaspur	136	Gujarat	Bharuch	4	
		Korba	198		Korba	133		Surat	1	
		Raipur	9		Raipur	18		Vadodara	1250	
	Delhi	South Delhi	70	Delhi	South Delhi	92	Haryana	Faridabad	3	
	Gujarat	Bharuch	66	Gujarat	Bharuch	56	Kerala	Alappuzha	16	
		Surat	57		Surat	64		Madhya Pradesh	Indore	3
	Haryana	Faridabad	19	Haryana	Faridabad	22		Singrauli	65	
	Himachal Pradesh	Bilaspur	2	Himachal Pradesh	Bilaspur	3	New Delhi	New Delhi	35	
	Jharkhand	Chatra	1	Karnataka	Bijapur	26	Odisha	Angul	22	
	Karnataka	Bijapur	50	Kerala	Alappuzha	16		Bhubaneswar	33	
	Kerala	Alappuzha	63	Madhya Pradesh	Indore	2	Rajasthan	Baran	5	
	Madhya Pradesh	Chhattarpur	57			Singrauli		151	Telangana	Hyderabad
		Indore	2	Maharashtra	Mumbai	52	Hydrabad	7		
		Khargone	5		Solapur	140	Karimnagar	59		
		Narsinghpur	2		National	Across India	216	Uttar Pradesh		Ambedkar Nagar
		Singrauli	117	Odisha		Angul	150			Auraiya
	Maharashtra	Mumbai	20		Bhubaneswar	8	Gautam Budha Nagar		20	
		Nagpur	11	Rajasthan	Baran	51	Lucknow		30	
		Solapur	113	Tamil Nadu	Kanchipuram	7	RaeBarelie		186	
	National	Across India	1201	Telangana	Hyderabad	65		Sonebhadra	53	
	Odisha	Angul	213			Peddapalli	199		Varanasi	525
			Bhubaneswar	20	Uttar Pradesh	Ambedkar Nagar	32	West Bengal	Murshidabad	69
	Rajasthan	Baran	40			Auraiya	11			
	Telengana	Hyderabad	80			Gautambudhnagar	118			
		Peddapalli	128			Lucknow	78			
	Uttar Pradesh	Ambedkar Nagar	35			Raebareli	7			
		Auraiya	1			Sonebhadra	378			
Gautambudhnagar		129	Uttarakhand	Dehradun		6				
Lucknow		36	West Bengal	Murshidabad		60				
Raebareli		128								
Sonebhadra	94									
West Bengal	Murshidabad	238								
Infrastructure Development	Andhra Pradesh	Guntur	9	Andhra Pradesh	Guntur	2	Andhra Pradesh	Vishakhapatnam	334	
		Prakasam	9		Prakasam	2	Bihar	Bhagalpur	292	
		Visakhapatnam	12		Visakhapatnam	128	Chhattisgarh	Bilaspur	362	

	Bihar	Bhagalpur	592	Bihar	Bhagalpur	486		Raipur	190	
		Patna	2		Patna	7			Gujarat	Bharuch
	Chhattisgarh	Bilaspur	467	Chhattisgarh	Bilaspur	409			Surat	15
		Korba	108		Korba	128			Haryana	Faridabad
	Delhi	South Delhi	3	Gujarat	Bharuch	34		Kerala	Alapuzha	13
	Gujarat	Bharuch	58		Surat	39		Madhya Pradesh	Singrauli	118
		Surat	106	Haryana	Faridabad	18	Odisha	Angul	272	
	Haryana	Faridabad	33	Jharkhand	Chatra	25		Bhubaneswar	27	
	Himachal Pradesh	Bilaspur	79	Kerala	Alappuzha	56	Rajasthan	Baran	5	
	Kerala	Alappuzha	93	Madhya Pradesh	Chhattarpur	8	Uttar Pradesh	Karimnagar	155	
	Madhya Pradesh	Singrauli	276		Dewas	19		Ambedkar Nagar	165	
	Maharashtra	Mumbai	5		Singrauli	119		Auraiya	26	
	Odisha	Angul	207	Maharashtra	Mumbai	4		Bhadohi	19	
	Rajasthan	Baran	73	National	Across India	7		Gautam Budha Nagar	330	
	Telangana	Hyderabad	6	Odisha	Angul	184		Machhali Shahr	28	
		Peddapalli	424		Bhubaneswar	8		Mathura	25	
	Uttar Pradesh	Ambedkar Nagar	2	Rajasthan	Baran	21		Pilibhit & Bhadohi	21	
		Auraiya	36	Telangana	Hyderabad	108		RaeBarelie	39	
		Gautambudhnagar	393		Peddapalli	215		Shrawasti	2	
		Lucknow	61	Uttar Pradesh	Ambedkar Nagar	3	Sonebhadra	128		
		Raebareli	74		Auraiya	2	West Bengal	Murshidabad	454	
		Sonebhadra	178		Gautambudh -nagar	217				
	Lucknow				164					
	West Bengal	Murshidabad	284	Raebareli	49					
Sonebhadra				107						
West Bengal				Murshidabad	609					

CSR Activities of NHPC Ltd.

Part-II

(Amount in Rs. Lakh)

Category of CSR Activities	2015-16			2016-17			2017-18			
	State	District	Amount	State	District	Amount	State	District	Amount	
Promotion of Education & Skill Development	Jammu & Kashmir	Reasi	36.56	Jammu & Kashmir	Reasi	17.93	Jammu & Kashmir	Reasi	4.97	
		Kathua	4.48		Kathua	4.78		Kathua	6.14	
		Kishtwar	1.64		Kishtwar	1.78		Kishtwar	9.14	
		Bandipora	3.71		Baramulla	30		Bandipora	10.37	
		Kargil	2.12		Kargil	9.37		Kargil	9.88	
		Leh	0.8		Leh	12.88		Leh	13.77	
	Himachal Pradesh	Chamba	15.75	Himachal Pradesh	Chamba	19.14	Himachal Pradesh	Chamba	21.95	
		Mandi	11.64		Mandi	17.91		Mandi	7.47	
		Kullu	6.16		Kullu	6.42		Kullu	12.82	
	Uttarakhand	Tehri Garhwal	15.44	Uttarakhand	Dehradun	5	Uttarakhand	Pithoragarh	1.84	
					Pithoragarh	2		Champawat	4.77	
					Champawat	3.7				
	West Bengal	Darjeeling	17.6	West Bengal	Jalpaiguri	1.73	West Bengal	Jalpaiguri	14.11	
					Darjeeling	521.35		Darjeeling	40.15	
	Sikkim	South Sikkim	1.98	Sikkim	South Sikkim	4.34	Sikkim	South Sikkim	4.94	
		East Sikkim	28.49		East Sikkim	19.97		East Sikkim	13.52	
	Manipur	Chura Chandpur		Manipur	Chura Chandpur	0.75	Manipur	Chura Chandpur	2.18	
	Assam	Dhemaji Lakimpur Sonitpur	277.3	Assam	Dhemaji Lakimpur Sonitpur	261	Assam	Dhemaji Lakimpur Sonitpur	189.6	
	Arunachal Pradesh	Lower Dibang Valley	20.38	Arunachal Pradesh	Papum Pare	251.8	Arunachal Pradesh	Papum Pare	204.05	
					Lower Dibang Valley	1.87		Lower Dibang Valley	18.72	
					Tawang	24.99		Tawang	10.3	
		Haryana	Faridabad	60.37	Bihar	Muzafarpur	2	Kerala	Ernakulam	20
Health & Family Welfare, Drinking Water and Sanitation	Jammu & Kashmir	Reasi	252.71	Jammu & Kashmir	Jammu	12.94	Jammu & Kashmir	Jammu	4.79	
		Kathua	4.44		Reasi	9.68		Kathua	9.97	
		Kishtwar	104.97		Kathua	9.05		Kishtwar	30.94	
		Baramulla	291.67		Kishtwar	22.58		Baramulla	11.25	
		Bandipora	0.96		Baramulla	2.46		Bandipora	40.97	
		Kargil	20.83		Bandipora	9.73		Kargil	7.55	
		Leh	28.59		Kargil	7.36		Leh	2.89	
		Leh			Leh	27.68				
	Himachal Pradesh	Chamba	6.55	Himachal Pradesh	Chamba	18.22	Himachal Pradesh	Chamba	30.72	
		Mandi	5.78		Mandi			Mandi	0.72	
	Uttarakhand	Tehri Garhwal	2.41	Uttarakhand	Kullu	1.58	Uttarakhand	Kullu	1.96	
					Tehri Garhwal	0.41		Pithoragarh	8.15	
					Pithoragarh	13.68		Champawat	4.37	
West Bengal	Jalpaiguri	488.83	West Bengal	Jalpaiguri	6.65	West Bengal	Jalpaiguri	20.45		
	Darjeeling	162.59		Darjeeling	50.06		Darjeeling	31.01		
Sikkim	South Sikkim	7.97	Sikkim	South Sikkim	8.53	Sikkim	South Sikkim	48.05		
	East Sikkim	7.47		East Sikkim	32.57		East Sikkim	48.3		

	Manipur	Chura Chandpur	35.39	Manipur	Chura Chandpur	36.93	Manipur	Chura Chandpur	14.95
	Assam	Dhemaji Lakimpur Sonitpur	4343	Assam	Dhemaji Lakimpur Sonitpur	1200.04	Assam	Dhemaji Lakimpur Sonitpur	1688.5
	Arunachal Pradesh	Lower Dibang Valley	5.4	Arunachal Pradesh	Papum Pare	38.38	Arunachal Pradesh	Papum Pare	9
					Lower Dibang Valley	49.86		Lower Dibang Valley	13.75
	Tawang	11.07	Haryana	Faridabad (HR)	59.7	Haryana	Faridabad (HR)	126.3	
				Uttar Pradesh	Kanpur	12.5	Uttar Pradesh	Kanpur	12.5
					Basti	76.8			
				Kerla	Ernakulam	17.2	Odisha	Bhubaneshwar	3
				Odisha	Bhubaneshwar	3			
				Maharashtra	Ahamadnagar	7.5			
Women Empowerment & Senior Citizen	Jammu & Kashmir	Kargil	1.49	Jammu & Kashmir	Reasi	4.73	Sikkim	South Sikkim	0.97
					Kargil	0.37			
				Himachal Pradesh	Chamba	2.46			
				Haryana	Palwal	10.81			
Environmental Protection	Himachal Pradesh	Mandi	2.96	Jammu & Kashmir	Bandipora	14.18	Jammu & Kashmir	Bandipora	111.31
				Himachal Pradesh	Chamba	1.34	Himachal Pradesh	Mandi	0.91
	Uttarakhand	Tehri Garhwal	0.03	Uttarakhand	Tehri Garhwal	2.82	West Bengal	Darjeeling	4.73
		Pithoragarh	0.12		Pithoragarh	0.66			
	West Bengal	Darjeeling	4.43	Sikkim	East Sikkim	1.42	Assam	Dhemaji Lakimpur Sonitpur	34.35
	Sikkim	East Sikkim	0.98	Assam	Dhemaji Lakimpur Sonitpur	39.87			
	Assam	Dhemaji Lakimpur Sonitpur	38.48						
	Haryana	Faridabad (HR)	10						
Sports, Art & Culture and Heritage	Jammu & Kashmir	Reasi	1.59	Jammu & Kashmir	Reasi	4.69	Himachal Pradesh	Chamba	0.55
		Kargil	0.3						Mandi
	Himachal Pradesh	Chamba	7.06	Himachal Pradesh	Chamba	3.18			
					Mandi	2.3			
					Lahaul & Spiti	18.36			
	Uttarakhand	Tehri Garhwal	0.1	Uttarakhand	Pithoragarh	0.4	Sikkim	East Sikkim	2.81
		Pithoragarh	0.06						
		Champawat	0.43						
	West Bengal	Darjeeling	2.76	West Bengal	Darjeeling	0.22			
				Sikkim	South Sikkim	1.99			
					East Sikkim	11.5			
	Manipur	Chura Chandpur	0.49						
Assam	Dhemaji Lakimpur Sonitpur	21.05	Assam	Dhemaji Lakimpur Sonitpur	67.28	Assam	Dhemaji Lakimpur Sonitpur	43.41	
Arunachal Pradesh	Tawang	0.84	Arunachal Pradesh	Lower Dibang Valley	7.2	Arunachal Pradesh	Lower Dibang Valley	1.63	
				Tawang	4.34				
				Haryana	Faridabad (HR)	4.78	Haryana	Faridabad (HR)	15.57
				Uttar Pradesh	Lucknow	5	Gujrat	Gandhinagar	500

Rural Development & Infrastructure Development	Jammu & Kashmir	Reasi	10.63	Jammu & Kashmir	Reasi	23.05	Jammu & Kashmir	Reasi	17.15
		Kathua	3.32		Kathua	3.32		Kathua	6.45
		Baramulla	18.06		Baramulla	0.67		Baramulla	16.58
		Bandipora	9.99		Bandipora	65		Bandipora	2.06
		Kargil	19.68		Kargil	4.98		Kargil	3.06
		Leh	18.99		Leh	104.06		Leh	31.48
	Himachal Pradesh	Chamba	8.44	Himachal Pradesh	Chamba	4.29	Himachal Pradesh	Chamba	16.68
		Mandi	5.72		Mandi	12.54		Mandi	8.88
					Kullu	4.34		Kullu	5
	Uttrakhand	Pithoragarh	1.46	Uttrakhand	Tehri Garhwal	4.17	Uttarakhand	Pithoragarh	2.82
					Pithoragarh	11.72			
	West Bengal	Darjeeling	122.92	West Bengal	Darjeeling	35.76	West Bengal	Darjeeling	96.05
				Sikkim	South Sikkim	4.36	Sikkim	South Sikkim	5.28
					East Sikkim	45.24		East Sikkim	21.18
	Manipur	ChuraChandpur	4.92	Manipur	Chura Chandpur	9.78			
	Assam	Dhemaji Lakimpur Sonitpur	28.05	Assam	Dhemaji Lakimpur Sonitpur	54.44	Assam	Dhemaji Lakimpur Sonitpur	55.09
	Arunachal Pradesh	Lower Dibang Valley	1.02	Arunachal Pradesh	Papum Pare	30	Arunachal Pradesh	Papum Pare	15
					Lower Dibang Valley	4.44	Haryana	Faridabad (HR)	1.7
					Tawang	6.33			
				Uttar Pradesh	Sant Kabir Nagar & Sidharth Nagar (UP)	11.94	Uttar Pradesh	Basti	19.2
					Gorakhpur	40.9		Shrawasti	29.23
					Kanpur	36.59			
				Odisha	Bhubneshwar	20	Bihar	Arah (Bhojpur)	0.36
				Maharashtra	Ahamadnagar	13.5	Odisha	Bhubneshwar	20

CSR Activities of PGCIL Ltd.

Part-III

(Amount in Rs. Lakh)

Category of CSR Activities	2015-16			2016-17			2017-18		
	State	District	Amount	State	District	Amount	State	District	Amount
Promotion of Education and Skill Development	Andhra Pradesh	Visakhapatnam	62.32	various parts of the country	various parts of the country	439.89	Andhra Pradesh	Vemagiri	12.28
	Assam	Nagaon District	12.54	Maharashtra, Assam, Bihar, Karnataka, Odisha, Telangana, Uttar Pradesh	Aurangabad, Guwahati, Hajipur, Mysore, Bhubaneswar, Hyderabad, Lucknow	169.15	Andhra Pradesh	Ananthapur	15.28
		Entire Assam	32.51	Tamil Nadu, Chhattisgarh, Uttar Pradesh, West Bengal, Telangana, Maharashtra, Jammu & Kashmir, Bihar and Madhya Pradesh	Thrissur, Korba, Agra, Siliguri, Vijayawada, Wardha, Kishenpur, Jamshedpur & Bina	159.76		various parts of the State	38.47
		Sonitpur	7.03	New Delhi	New Delhi	196.92	Assam	Kokrajhar	10.9
		Jiribam	0.83	Haryana	Gurgaon	3.62		Kamrup	38.4
		Cachar	7.63	Haryana	Gurgaon	4.87		Kamrup	7.38
		Sonitpur	2.92	Haryana	Gurgaon	3.74	Kamrup	4.36	
		Kamroop	5.55	Assam, Manipur	Assam, Manipur	103.64	Assam and Mainput	Various districts	47.83
		Nagaon	2.67	various parts of the country	various parts of the country	18.66	Assam, Manipur & Chhattisgarh	Various districts	178.78
	B.Chariali	2.16	various parts of the country	various parts of the country	155.31	Assam, Manipur & West Bengal	Nagaon, Kokrajhar, Jorhat, Cachar	252.03	
	Assam & Manipur	Assam & Manipur	169.14	Bihar	West Singbhum	90.33	Bihar	Samastipur	20.49
	Bihar	Patna	54.32	Bihar	Saran	0.85	Bihar	Saran	10.98
	Bihar	Patna	25.4	Bihar	Darbanga	0.56	Bihar	Madhubani	49.19
	Bihar & Jharkhand	Jamshedpur	101.55	Bihar	Patna	0.51	Chhattis-garh	Raipur	9.55
	Chhattisgarh	Raipur	332.4	West Bengal	Kokrajhar, Nagaon, Mariani, Imphal, Srikona, Jalpaiguri, Malda & South 24 Parganas	294.13	Chhatis-garh	Rajnandgaon	97.66
	Chhattisgarh	Rajnandgaon	35.56	West Bengal	Burdwan	8.64	GUJARAT	Tapi	12.31
	Gujarat	Gandhinagar	1.96	Sikkim	South Sikkim	22.71	Haryana	Gurgaon	4.72
	Gujarat	Damoh	0.81	West Bengal	Jalpaiguri	7.92			10.54
	Haryana	Gurgaon	2.4	West Bengal	Burdwan	9.48			1.31
	Madhya Pradesh & Gujarat	M.P. & Gujarat	44.38	West Bengal	South 24 Parganas	0.52			20.96
	Maharashtra	Lower Dibang Valley	14.63	Odisha	Sambalpur	10.05		Faridabad	4.54
	Odisha	Bolangir	2.04	Odisha	Talcher	19.17	Jammu & Kashmir	Jandrah	31.17
	Rajasthan	Kotputli	4.81	Odisha	Various Districts	6.28		Satwari	0.68
Tamil Nadu	Dharmapuri	20.06	Arunachal Pardesh	Lower Dibang Valley	2.72	Srinagar		1.2	
Tamil Nadu	Sriperumbudur	2.34	Assam	Kokrajhar	12.13	Ladhak		8.32	
Tamil Nadu & Karnataka	Various districts	13.19		Entire Assam	18.61	Jammu		2.9	
Tripura	Unakoti	9.84		Nagaon	4.2	Srinagar		89.3	

Uttar Pradesh	Kanpur	8.95		Kamrup	6.26	Jharkhand	Hazaribagh	25.36
	Bassi	1.49		Dima Hasao	0.68	Jharkhand	Garwah	0.16
	Lucknow	10.16		Sonitpur	11.4	Karnataka	Tumkur, Karnataka	12.76
	Greater Noida	2.54		Rajasthan	Jaipur	1.18	Karnataka	Tumkur, Karnataka
Uttarakhand	Koteshwar	6.8	Jammu & Kashmir	Jammu	10.49	Madhya Pradesh	Bhopal	19.48
various parts of the country	various parts of the country	57.74	Jammu	10.52	Khandwa		2.67	
various parts of the country	various parts of the country	507.86	Himachal Pradesh	Lahaul Spiti	17.24		Damoh	9.64
West Bengal	South 24 pgn.	6.07	Uttar Pradesh	Ghazipur	139.72	Maharashtra	Madhya Pradesh	103.73
west Bengal, Assam, Manipur, Maharashtra, Tamil Nadu	Bardhaman, Jalpaiguri, Malda, Nagaon, Kokrajhar, Imphal, Jorhat, Nagpur & Kanchipuram	148.35	Uttar Pradesh	Various District of UP	1.22		Madhya Pradesh	Madhya Pradesh
			Andhra Pradesh	Vishakapatnam	40.23	Satna	13.06	
				Vemagiri	6.04		Satna	14.86
				Vemagiri	32.35	Maharashtra	Nagpur	30.36
				Ananthapur	12.02		Pune	41.64
				various parts of the State	82.62		Chandrapur	1.08
				Kadapa	4.81		Chandrapur	1.89
			Tamil Nadu	Dharmapuri	15.55		Palghar	18.03
			Tamil Nadu	Dharmapuri	3.11		Nashik	29.57
			Tamil Nadu	Dharmapuri	2.05	New Delhi	New Delhi	17.13
			Karnataka	Bijapur	388.07	New Delhi	New Delhi	0.18
			Karnataka	Bijapur	0.48	Odisha	Talcher	0.12
			Chhattisgarh	Raipur	23.48		Koraput,	0.65
			Chhattisgarh	Rajnandgaon	128.04		Odisha	
			Chhattisgarh	Rajnandgaon	128.04	Indravati	0.91	
			Maharashtra	Bhadrawati	11.85	Rajasthan	Rajsamand	12.78
			Maharashtra	Nagpur	11.4	Rajasthan	Ajmer	38.14
			Chhattisgarh	Raipur	17.89	Sikkim	South Sikkim	15.76
			Chhattisgarh	Raipur	18.64	Sikkim	south Sikkim	0.49
			Chhattisgarh	Champa	8.79	Tamil Nadu	Tamil Nadu	46.98
			CG, MP, MH, Goa	Various Parts of the State	0.91	Tamil Nadu	Karnataka, Puducherry, Tamil Nadu	64.86
			CG, MP, MH, Goa	Various Parts of the State	0.9	Uttar Pradesh	Udham Singh Nagar	1.49
			Maharashtra	Boisar	41.99	Uttar Pradesh	Barabanki	23.15
			Madhya Pradesh	Betul	86.01	Uttarakhand	Haridwar	18.12
			Gujarat	Vapi	27.53	Uttarakhand	Koteshwar	5.39
			Gujarat	Vapi	46.49	various parts of the country	various parts of the country	82.03
			Madhya Pradesh	Khandwa	17.17	various parts of the country	various parts of the country	21.38
				Indore	8.17	various parts of the country	various parts of the country	6.96
				Ujjain	6.19	West bengal	Burdwan	14.6

					Jabalpur	5.11	west Bengal	Malda	61
					Indore	90.56	west Bengal	Alipurduar	2.27
					Bhopal	55.71			
				Gujarat	Ahmadabad	1.16			
				Madhya Pradesh	Satna	16.89			
				Gujarat	Vadodara	0.84			
Health and family welfare	Assam, Bihar, Chhattisgarh, Arunachal Pradesh, Gujarat, West Bengal	various parts of the country	351.2	New Delhi	New Delhi	459.53	AP & TELANGANA	23 locations in AP & TS	96.35
	Bihar	Purnea	1.93	Jharkhand	Garwah	12.16	Arunachal Pradesh	Tezu	7.46
	Dadar Nagar Haveli (UT)	Daman & Diu	22.24	Bihar	various parts of the State	131.33	Arunachal Pradesh	Lohit	1.19
	Delhi	Delhi	1741.9	Jharkhand	various parts of the State	170.79	Assam	Kamrup	99.72
	Haryana	Kurukshetra	1.12	Bihar	various parts of the State	200.7	Assam	Sonitpur	0.25
	Himachal Pradesh	Solan/ Nalagarh	2.03	Bihar	Aurangabad	174.71	Bihar	Aurangabad	0.53
	Madhya Pradesh	Bina	3.91	Bihar	Various parts of the state	1.39	Bihar	various parts of state	1.79
	Meghalaya	West Khasi Hill	2.78	Sikkim	South Sikkim	5.35	Bihar	Patna	0.97
	Odisha	Jeypore	3.33	Sikkim	East Sikkim	5.58	Haryana	Yamuna Nagar	5.74
	various parts of the country	various parts of the country	168.46	West Bengal	Jalpaiguri	22.35	Haryana	Various districts	103.93
	various parts of the country	various parts of the country	59.8	Sikkim	South Sikkim	5.39	Jammu & Kashmir	NR-II	16.83
	West Bengal	Jalpaiguri	6.92	West Bengal, Odisha, Sikkim	Various parts of state	15.54	Jharkhand	various parts of state	3.85
	West Bengal	Jalpaiguri	1.83	West Bengal	Various parts of state	143.37	Madhya Pradesh	Satna	8.22
	West Bengal	Jalpaiguri	2.86	Sikkim	East & South Sikkim	0.55		Sidhi	8.73
	West Bengal	Alipurduar	15.74	West Bengal	Kolkata	0.45		Satna	41.67
				Odisha	Various Districts	1.54		Satna	4.24
				Assam, Manipur	Dima Hasao, Sonitpur, Imphal West, Bishnupur, Thoubal, Churachandpur Chandel, Ukhrul, Senapati, Tamenglong, Jiribam	90.09		Sagar	42.42
				Assam	Sonitpur	9.62	Maharashtra	Nami Mumbai	29.41
				Manipur, Tripura, Meghalaya	Imphal East, Unakoti, East Jaintia Hills	2.27	Maharashtra	Mumbai	295.36

				Assam, Manipr, Meghalaya, Mizoram	Sonitpur, Tuivamit, Kokrajhar, Dimapur, Jiribam, Imphal west, Papumpare, Nagaon, Cachar, East Khsi hills	3.21	Maharashtra	Nagpur	0.68
				Assam	Kamrup	107.99	Maharashtra	Palghar	14.31
				Assam	Tezu	4.89	Mizoram	kolasib	7.6
				Uttar Pradesh, Rajasthan	Sikar, Kotputli, Jaipur, Kankroli, Allahabad, Varanasi, Orai, Chittorgarh, Ajmer	98.62	New Delhi	New Delhi	869.48
				Uttrakhand	Dehradun, Tehri, Pithoragarh	13.43	Odisha	Angul, Odisha	6.7
				Delhi	New Delhi	17.58	Odisha	Jeypore	10.19
				Uttrakhand	Haridwar	4.05	Odisha	Indravati	14.52
				Jammu & Kashmir	Jammu	66.88	Odisha	Jeypore	10.91
				Uttar Pradesh	Lucknow	78.77	Odisha	Indravati	0.3
				Uttar Pradesh	Allahabad	5.63	Odisha	Rengali	6.98
				Uttar Pradesh	Gorakhpur, Kanpur, Agra, Bareilly	16.16	Odisha	Angul, Odisha	2.01
				Telangana	Dichpally	15.34	Odisha	Angul, Odisha	11.55
				Karnataka, Tamil Nadu, Kerala & Pondy	Madurai, TVM, Palakkad, Kozhikode, Pondy, Eranakulam, Daread, Kolar, Tumkur, Trichur, Trichy, Dharmapuri, Ariyalur, Tirupur,	120.29	Odisha	Angul, Odisha	3.46
				Tamil Nadu	Ariyalur	0.22	Punjab	Moga	4.38
				Maharashtra	Nagpur, Parli, Padghe etc	39.32	Rajasthan	Rajsamand	72.06
				Maharashtra	Nagpur	51.74	Tamil Nadu	Ariyalur, Tamil Nadu	16.16
				Maharashtra	Nagpur	0.32	Tamil Nadu	Karnataka, Puducherry, Tamil Nadu	101.84
				CG, MP, MH, Goa	Various Parts of the State	3.72	Uttar Pradesh	Kannauj	29.29
				Maharashtra	Boisar	11.72	Uttar Pradesh	Lucknow	294.44
				MP & Gujarat	Various parts of the states	85.16	Uttar Pradesh	Allahabad	31.89
				Madhya Pradesh	Satna	4.04	various parts of the State	various parts of the State	3.76
				Madhya Pradesh	Damoh	9.31	West Bengal	Jalpaiguri	0.16
				Madhya Pradesh	Bina	7.86	west bengal	north 25 paragana	6.35
				DNH	Daman	6.92	west bengal	kolkata	77.18
Drinking Water and Sanitation	Uttar Pradesh	Agra	32.13	Andhra Pradesh	Kadapa	25.91	All India	All India	4216.06
		Phoolpur, Allahabad	42.26	Andhra Pradesh	East Godavari	13.12	Andhra Pradesh	East Godavari	10.03
		Varanasi	193.83	Andhra Pradesh	Vishakapatnam	4.4		Vishakapatnam	8.94
		Kanpur	18.94	Andhra Pradesh	Guntur	13.47		Guntur	16.72
		Bilsarayan	4.27	Assam	Hailakandi	0.3		KAKINADA	2.95
		Dehradun	6.52	Assam	Assam, Haflong	3.01		Kadapa	25.63
	Haryana	Bhiwani	0	Bihar	Darbanga	27.41			

Haryana	Yamunanagar	14.55	Chhattisgarh	Jashpur	11.66	Assam	Kamrup	2.9
Bihar	Bara/Gaya	2.62	Gujarat		1.55	Bihar	Sitamarhi, Jaynagar, Madhubani and Darbhanga	16.95
Bihar	Ekangarsarai	7.09	Haryana	Bhiwani	81.41	Chhattisgarh	Raigarh	6.67
Jharkhand	Dhanbad	35.35	Haryana	Kaithal	4.03	Haryana	Gurgaon	7.5
Bihar	Banka	5.76	Jharkhand	Girdih	47.43	Haryana	Gurgaon	38.2
West Bengal	Jalpaiguri	6.59	Karnataka	Kolar	35.66	Haryana	Faridabad	168.45
West Bengal	Malda	3.25	Madhya Pradesh	Satna	54.85	Haryana	Bhiwani	82.1
Arunachal Pradesh	Lower Dibang Valley	6.87	Madhya Pradesh	indore	3.57	Jammu & Kashmir	Kharta	2.64
Arunachal Pradesh	Lower Dibang Valley	4.28	Maharashtra	Wardha	1.35	Jharkhand	Deogarh	36.76
Nagaland	Dimapur	2.42	Maharashtra	Ratnagiri	16.33	Karnataka	Ramanagar, Karnataka	5.91
Nagaland	Dimapur	2.61	Maharashtra	Solapur	2.57	Madhya Pradesh	Betul	4.72
Andhra Pradesh	Nellore	6.1	Maharashtra	Wardha	3.74	Madhya Pradesh	Sagar	35.52
Andhra Pradesh	Nellore	23.37	Maharashtra	Bhadrawati	1.42	Madhya Pradesh	Khandwa	3.83
Andhra Pradesh	Nellore	21.5	Maharashtra	Bhadrawati	4.89	Madhya Pradesh	Khandwa	6.14
Andhra Pradesh	Kurnool	15.36	Maharashtra	Kolhapur	6	Maharashtra	Thane	9.51
Chattisgarh	Jashpur	11.43	Maharashtra	Nagpur	0.51	Maharashtra	Kolhapur	13.16
Gujarat	Anjar, Kutch	6.86	Maharashtra	Boisar	46.64	Maharashtra	Kolhapur	1.18
Madhya Pradesh	Khandwa	14.97	New Delhi	New delhi	3109.29	Maharashtra	Pune	6.5
Odisha	Jharsuguda	11.17	Odisha	Sundergarh	2.61	Maharashtra	Pune	37.85
Odisha	Sundergarh	1.45	Odisha	Angul	15.43	Maharashtra	Wardha	15.13
Odisha	Rengali	1.45	Odisha	Sundergarh	0.5	Maharashtra	various parts of the country	22.45
Various states through which Ganga flows	Various districts	203.18	Punjab	Moga	2.43	Maharashtra	Nashik	26.68
Andhra Pradesh, Assam, Bihar, Chattisgarh, Madhya Pradesh, Odisha, Uttar Pradesh	various parts of the country	5311.63	Tripura	Kumarghat	0.66	Odisha	Keonjhar	6.12
various parts of the country	various parts of the country	7.31	Uttar Pradesh	varanasi	578.65	Odisha	Angul	7.34
				Agra	69.13	Odisha	Sundergah	0.48
				Allahabad	42.49	Odisha	Sundergarh	0.52
				Balrampur	53.39	Odisha	Jeypore	9.64
				Chandauli / Varanasi	84.83	Odisha	Keonjhar	3.81
				Ghazipur	36.61	Odisha	Sundergarh Odisha	2.01
				Kushinagar	46.34	Odisha	Sundergarh Odisha	1.96
				Kushinagar	32.48	Odisha	Angul, Odisha	1.17
				Pratapgarh	60.34	Odisha	Baripada	2.51
				Pratapgarh	32.42	Punjab	Moga	8.25
			Akbarpur, Kanpur	12.15	Rajasthan	Kotputali	8.86	
			allahabad	3.11	Sikkim	South Sikkim	5.7	
			various parts of the country	various parts of the country	1178.35	Uttar Pradesh	Varanasi	168.64
			various parts of the country	various parts of the country	132.51	Uttar Pradesh	Baghpat	108.43
			West Bengal	Malda	4.24	Uttar Pradesh	Kushinagar	22.02
							Basti	21
							Ghazipur	110.25
			Pratapgarh	23.89				
			Allahabad	0.14				
			Jalaun	58.24				
			Lucknow	0.76				
			Varanasi	201.32				
			Kannauj	2.24				
			Pratapgarh	30.21				
			Ghazipur	8.73				

								Pratapgarh	30.68
								Deoria	30.16
								Allahabad	98.66
								Kushinagar	23.56
								Chandauli	38.03
								Allahabad	0.63
							various parts of the country	Various districts	180.52
								various parts of the country	121.22
								variuos parts of the country	0.64
							west Bengal	Jalpaiguri	28.94
Women Empowerment	Andhra Pradesh	Kadapa	6.95				Haryana	Nuh-Mewat	153.63
	West Bengal	South 24 pgn.	1.68				Jharkhand	Palamu	10.14
Environment Protection	Assam	Kokrajhar	8.17	various parts of the country	various parts of the country	83.5	Andhra Pradesh	Surampalem	29.26
	Bihar	Patna	27.45	various parts of the country	various parts of the country	4.08	Andhra Pradesh	Vizianagaram	131.75
	Bihar, Jharkhand & Odisha	Various districts	157.32	Haryana	Gurgaon	0.07	Gujarat	Kuchh	9.49
	Chhattisgarh	Raipur	13.21	Bihar	Purnea	76.04	Haryana	Gurgaon	2.17
	Kerala	Alapuzha	5.79	Bihar	Patna	0.62	Haryana	Gurgaon	0.29
	Madhya Pradesh	Bhopal	29.46	West Bengal	Burdwan	0.11	Haryana	Jind	32.83
	Odisha	Angul	5.69	West Bengal	Murshidabad	0.16	Haryana	Kurushetra	12.41
	U.P.	Badhoi	127.09	Odisha	Kalahandi	4.85	Jammu & Kashmir	Kuthar and Kanayala	0.08
	Uttar Pradesh	Bagpat	24.03	Meghalaya, Assam	East Khasi Hills, Nagaon	0.15	Mizoram	Aizwal	2.11
	various parts of the country	various parts of the country	49.54	Uttar Pradesh	Bagpat	43.84	Rajasthan	Jodhpur & Pali	7.24
				Uttar Pradesh	Saharanpur	2.13	Uttar Pradesh	Noorpur	80.48
				Jammu & Kashmir	Jammu	7.32		Allahabad	22.87
				Uttar Pradesh	Allahabad	6.13		Lucknow	88.68
				Uttar Pradesh	Basti	84.99		Pilibhit	36.75
				Uttar Pradesh	Bhadoi	98.65		Shravasti	88.37
				Uttar Pradesh	Lucknow	57.37		various parts of the country	various parts of the country
				Uttar Pradesh	Ghazipur	145.87	West Bengal	Malda	10.54
				Uttar Pradesh	Gorakhpur	64.83			
				Uttar Pradesh	Gorakhpur	3.21			
				Andhra Pradesh	Surampalem	26.05			
Kerala				Alappuzha	0.09				
Chhattisgarh				Raipur	59.9				
CG, MP, MH, Goa				Various Parts of the State	0.61				
Maharashtra	Boisar	18.56							
Madhya Pradesh	Damoh	13.75							
Madhya Pradesh	Jabalpur	11.77							
Madhya Pradesh	Bhopal	1.07							
Sports, Art, Culture and Heritage	Bihar	Ara	-16.04	New Delhi	New Delhi	51.82	Andhra Pradesh	Vishakapat nam	30.05
	Chattisgarh	Raipur	2.03	New Delhi	New Delhi	16.84	Bihar	Darbhangha & Madhubani	5.27
	Haryana	Nuh-Mewat	3.76	Jharkhand	Hazaribagh	1.01	Bihar	Supaul	25.59
	Maharashtra	Solapur	26.01	Bihar	Patna	25.91	Gujarat	Gandhi Nagar	1317.52
	Sikkim	South Sikkim	1.02	Odisha	Jajpur	51.82	New Delhi	New Delhi	210.8
	Uttar Pradesh	Agra	4.65	Haryana	Jind	4.44	New Delhi	New Delhi	15.81
				Uttar Pradesh	Rampur	15.55	New Delhi	New Delhi	0.86
				Uttar Pradesh	varanasi	530.59	Odisha	Sundergah	0.09
				Uttar Pradesh	Agra	4.77	Rajasthan	Jaipur	91.03
				Andhra Pradesh	Vishakapatnam	31.09	Sikkim	Gangtok	7.08
Kerala				Malappuram	51.82	Uttar Pradesh	Agra	4.22	
Maharashtra				Solapur	2.88				
Madhya Pradesh	Satna	12.71							

Rural Development	Andhra Pradesh	Kurnool	99.63	Bihar	Samastipur	21.13	Andhra Pradesh	Kurnool	150.24									
		Nellore	10.15	Bihar	Gaya	12.38		Kurnool	3.93									
	Assam	B.Chariali	3.05	Bihar	Lakhisarai	13.53	Assam	Guntur	100.13									
		B.Chariali	6.13	Bihar	Various parts of the State	24.49		Ananthapur	4.22									
	Bihar	Patna	3.16	West Bengal	Burdwan	27.15	Assam	Chirang	11.11									
		Purnea	13.52	West Bengal	Murshidabad	22.35			2.16									
	Chattisgarh	Raigarh	1.48	Sikkim	East Sikkim	37.62	Bihar	BNC	0.5									
	Gujarat	vapi	3.65	Haryana	Bhiwani	46.5		Gujarat	Samastipur	73.28								
		Surat	16.33	Uttar Pradesh	Kunda	19.52	Kishanganj		73.21									
		Gandhinagar	33.38	Jammu & Kashmir	Samba	9.37	Gujarat	Palsana	7.64									
		Ankalas	4.28	Andhra Pradesh	Kurnool	307.49		Vadodara	23.72									
	Haryana	Manesar	197.52	Telangana	Hyderabad	77.7		Banaskhanta	58.9									
	Jammu & Kashmir	Samba	80.13	Andhra Pradesh	Nellore	44.22	Haryana	Bhiwani	126.56									
	Madhya Pradesh	Betul	14.55	Tamil Nadu	Kanchipuram	11.29	Haryana	Bhiwani	15.88									
	Maharashtra	Padghe, Thane	38.14	Odisha	Angul	14.51	Jammu & Kashmir	NR-II	7.49									
		Sangli & Pune	27.77	Maharashtra	Sangli & Pune	7.55	Karnataka	Bijapur, Karnataka	191.73									
		Pune	64.68	Maharashtra	Sangli & Pune	1.4	Karnataka	Bijapur, Karnataka	0.74									
		Sangli & Pune	8.03	Chhattisgarh	Raigarh	19.74	Madhya Pradesh	Satna	18.7									
		Pune	5.9	Maharashtra	Chandrapur	28.36	Madhya Pradesh	Jabalpur	1.22									
		Gondia	5.79	Maharashtra	Pune	97.9	Maharashtra	Wardha	20.03									
	Manipur	Senapati & Tamenglong District	6.75	Maharashtra	Pune	41.69	Mahraashtra	Pune	-0.82									
	Mizoram	Aizwal	3.47	Chhattisgarh	Rajnandgaon	13.69	Mizoram	Aizwal	21.13									
	U.P.	Lucknow	1.1	Madhya Pradesh	Betul	7.95	Odisha	Angul	1.38									
	Uttar Pradesh	Kabir Nagar,	82.42	Maharashtra	Palghar	87.79				10.51								
										Uttar Pradesh	Bareilly	6.56	0.04					
		6.32																
		34.88																
		11.33																
		Sundergarh	19.49															
		Angul	3.83															
		Sundergarh	1.08															
		Punjab	Malerkotla					8.43										
		Uttar Pradesh	Kunda					3.96										
			Varanasi					725.2										
		West Bengal	Agra				6.74											
			Alipurduar	59.52														
			Alipurduar	2.58														
			Murshidabad	34.59														
			Alipurduar	45.84														
	Local Area Development	Assam	Sonitpur	0.19	Haryana	Gurgaon	2.82	Bihar	Patna	163.6								
Assam		B.Chariali	0.4	Haryana	Gurgaon	5.46	Bihar	various parts of state	156.08									
Local Area Development	Manipur	Senapati	7.8	West Bengal	Alipurduar	73.27	Maharashtra	Mumbai	184.45									
	West Bengal	Bardhaman	4.67	Odisha	Angul	323.38	Odisha	Jajpur	194.99									
				Assam	Cachar	-1.02			Uttar Pradesh	Siddharthnagar	22.56							
				Assam, Manipur, Meghalaya	Cachar, Nagaon, East Khsi Hills, Sonitpur	0.58												
				Assam	Sonitpur	7.82												
				Assam	Sonitpur	47.03												
				Jammu & Kashmir	Jammu	1.76												
				Haryana	Abdullapur	4.86												
				Uttar Pradesh	rampur	15.55												
				Andhra Pradesh	Surampalem	5.11												
				Madhya Pradesh	Seoni	10.36												
				Madhya Pradesh	Jabalpur	3.28												
				Infrastructure Development	Bihar	Fatehpur Village						0.57	Jharkhand	Dhanbad	4.54	Andhra Pradesh	Vishakapatnam	38.5
					Chattisgarh	Durg						22.37	West Bengal	Jalpaiguri	18.36	Bihar	Various districts	1.68
Jharkhand	Bagodar	44.09	Odisha		Khordha	7.77	Haryana	Gurgaon				11.03						

	Karnataka	Yalahanka	15.24	Jammu & Kashmir	Jammu	2.59	Haryana	Gurgaon	5.13
	Madhya Pradesh	Seoni	4.09	Uttar Pradesh	Agra	152.12	Jammu & Kashmir	Kharta	26.54
	Madhya Pradesh	Narsinghpur	25.87	Andhra Pradesh	Vishakapatnam	10.43	Jharkhand	Dhanbad	46.2
	Maharashtra	Aurangabad	3.05	Andhra Pradesh	Prakasan	32.16	Jharkhand	Dhanbad	34.25
	Maharashtra	Palghar	89.97	Tamil Nadu	Salem	21.77	Karnataka	Yelahanka	26.35
	West Bengal	Jalpaiguri	12.46	Karnataka	Bangalore urban	31.17	Karnataka	Kodagu	26.35
				Karnataka	Kodagu	20.73	Mizoram	Aizawl	14.76
				Chhattisgarh	Durg	0.39	Tamil Nadu	Salem	9.49
				Chhattisgarh	Bhatapara	0.81	Uttar Pradesh	Agra	104.22
				Madhya Pradesh	Jabalpur	1.4	Uttar Pradesh	Agra	17.19

CSR Activities of REC Ltd.

Part-IV

(Amount in Rs. Lakh)

Category of CSR Activities	2015-16			2016-17			2017-18					
	State	Districts	Amount	State	Districts	Amount	State	Districts	Amount			
Promotion of Education and Skill Development	Andhra Pradesh	Guntur	5.34	Karnataka	Uttara Kannada, Tumakuru, Chikmagalur, Kodagu, Chamarajanagara, Udupi, Mandya, Bellary, Bagalkote, Vijayapura	2	Andhra Pradesh	Guntur	3			
	Bihar	Chhapra and Bhagalpur	43.43				Bihar	Chhapra and Bhagalpur	13.81			
	Chhatisgarh	Bastar	3.01				Haryana	Murthal	181.00			
		Korba	20.36									
	Delhi	New Delhi	41.85				Jammu & Kashmir	Kupwara	33.6			
	Karnataka	Bangalore	4.15							Karnataka	Uttara Kannada, Tumakuru, Chikmagalur, Kodagu, Chamarajanagara, Udupi, Mandya, Bellary, Bagalkote, Vijayapura	123.38
							Madhya Pradesh	Bhopal	2.99			
	Madhya Pradesh	Katni, Dhar, Balaghat and Mandla	40.73					Odisha	Nayagarh	7.19		
		Maharashtra	Pune				4.25				Punjab	Ferozpur and Amritsar
	Odisha	Gajapati	63.62									
	Punjab	Ferozpur and Amritsar	39.56									
	Rajasthan	Jaipur	76.14									
	Tamil Nadu	Lower Dibang Valley	73.2				Uttar Pradesh	Noida,	39	Uttar Pradesh	Gazipur and Behraich	13.81
		Telangana	Nalgonda									
	Uttar Pradesh	Noida,	31.58				Uttar Pradesh	Noida,	39	All India Program		519.49
Basti and Ambedkarnagar			13.53									
Bhadohi			9.76									
Gazipur and Behraich			43.43									
Uttarakhand	Haridwar	1.31										
		Tehri							120			
		Dehradun							1.91			
All India Program			395.35									
Health and Family Welfare	Madhya Pradesh	Ashok Nagar	54.84	All India Program		80	Jharkhand	Latehar	80.76			
	Odisha	Cuttack	28.92				Madhya Pradesh	Ashok Nagar	4.07			
		Jagatsinghpur	7.7				Odisha	Cuttack	193.55			
	Punjab	Tonk	5.86				Rajasthan	Bhubaneswar	4.52			
	Uttar Pradesh	Rai Bareilly	35.36				Rajasthan	Bhilwara	151.74			
		Sonbhadra	9					Jaipur	70			
	All India Program						437.25				Uttar Pradesh	Rai Bareilly
				All India Program 30.62								
Drinking Water and Sanitation	Rajasthan	Jaipur	5.86	Uttar Pradesh	Varanasi	175.00	Andhra Pradesh	Prakasam, Guntur, Krishna & Chittoor districts	83.92			
		Jodhpur, Ajmer and Udaipur districts of Rajasthan	15.91				Haryana	Palwal	6			
							Ghazipur	321.00	Kerala	Kayamkulam	49.23	
		Basti	15.00				Uttar Pradesh	Varanasi	225.00			
				Basti 28.64								

	Telangana	Adilabad, Khammam, Mahbubnagar, Nalgonda and Ranga Reddy	601.43	All India Program	5,000.00			Mathura, Agra, Itawah, Ghaziabad, Rampur, Moradabad, Hardoi, Ajamgarh, Varanasi, Allahabad	79.87	
		Nalgonda	-2.39					Kanpur	69.52	
	Uttar Pradesh	Barabanki	7.99					Jaunpur	43.6	
	All India Program		7,970.06					Shravasti	19.84	
								Allahabad	20.84	
Women Empowerment	Uttar Pradesh	Sitapur and Barabanki	3.65							
Environment Protection	Arunachal Pradesh	Uppersiang, Dibang valley, Lower dibang valley, Kurung Kumey and Lohit	28.16	Bihar	Purnea	38	Delhi		12.48	
	Jharkhand	Giridih	40.86	Delhi	New Delhi	214	Haryana	Gurgaon and Mewat	121.79	
							Himachal Pradesh	Kangra	59.2	
							Jharkhand	Giridih	5.53	
	Madhya Pradesh	Ashoknagar, Guna and Shivpuri	85.5	Odisha	Kandhamal, Nabarangpur, Koraput, Rayagada, Bargarh, Sundargarh, Sambalpur, Bolangir & Keonjhar districts	143	Odisha	Karnataka	Bangalore	134.23
								Odisha	Dhenkenal	2.17
	Mayurbhanj	73.56	Mayurbhanj	9.95						
	All India Program			1,500.00	Tamil Nadu	Chennai	580	Rajasthan	Bharatpur	4.05
					Uttar Pradesh	Bhadohi	10	Uttar Pradesh	Jaipur	21.9
									Chennai	326
Sports, Art, Culture and Heritage	Gujarat	Ahmedabad	30		-	-				
	Haryana	Faridabad	2							
Rural Development Projects	Andhra Pradesh	Mahboobnagar and Anantapur	477.55				All India Program		1,305.37	

CSR Activities of PFC Ltd.

Part-V
(Amount in Rs. Lakh)

Category of CSR Activities	2015-16			2016-17			2017-18		
	State	District	Amount	State	District	Amount	State	District	Amount
Promotion of Education and Skill Development	All over India		1,606.46	Multistate/All over India	NA	3,032.00	Multistate/All over India	NA	2,644.82
Health and Family Welfare				All over India	NA	472	Himachal Pradesh	Solan	135.8
							Maharashtra	NA	82.54
							All over India	NA	0.61
Drinking Water and Sanitation	Rajasthan, Bihar & West Bengal	NA	387.25	Madhya Pradesh	Ashok Nagar	183	Andhra Pradesh	NA	543.05
	Andhra Pradesh	NA	12,061.31	Rajasthan, Bihar & West Bengal	NA	27	Rajasthan	NA	161.73
	Rajasthan	NA	936.19	Andhra Pradesh	NA	4,663.00	Uttar Pradesh	NA	398.12
				Rajasthan	NA	414	All over India (Swachh Bharat Kosh)	NA	4,924.00
				All over India (Swachh Bharat Kosh)	NA	5,482.00			
				Meghalaya	NA	31			
Environment Protection							New Delhi	NA	400
							Maharashtra	NA	211.04
Sports, Art, Culture and Heritage				All over India	NA	10			
Rural Development	Andhra Pradesh/Telangana	NA	172.26	Jammu & Kashmir	NA	167	Bihar	NA	228.43
	Assam, Jammu & Kashmir, and Uttar Pradesh	NA	97.13	Telangana	Mahbub-nagar	91	Arunachal Pradesh	NA	272.17
	Jharkhand	Giridih, Bokaro and Dhandbad	25.31	Andhra Pradesh, Odisha & Meghalaya	NA	22	Uttar Pradesh	Philibit, Basti, Badhoi, Bijnore	212.77
	Chhattisgarh	NA	50.32	Assam, Jammu & Kashmir, and Uttar Pradesh	NA	61	Jharkhand	Giridih, Bokaro and Dhandbad	48.25
	Odisha	Lower Dibang Valley	12.15	Jharkhand	Giridih, Bokaro and Dhandbad	145	Chhattisgarh	NA	1,274.20
	Madhya Pradesh	Ashok Nagar	80.68	Odisha	NA	69	Rajasthan	Pali	22.84
	Uttar Pradesh	Badhoi, Phoolpur	21.8	Madhya Pradesh	Ashok Nagar	54	Bihar	Sitamarhi	41.95
				Arunachal Pradesh	NA	670			
				Bihar	NA	511			
				Uttar Pradesh	Badhoi, Phoolpur, Pilibhit, Basti and shrawasti	379			
				Uttarakhand	NA	102			
Administration overhead including training, impact assessment etc. limited to 5% of total amount required to be spent on CSR	-	-	342.42			226			215.7

CSR Activities of NEEPCO Ltd.

Part-VI

(Amount in Rs. Lakh)

Category of CSR Activities	2015-16			2016-17			2017-18		
	State	District	Amount	State	District	Amount	State	District	Amount
Promotion of Education and Skills Development	Meghalaya	E.K. Hills	32.41	Arunachal Pradesh	Lower Subansiri	6.99	Arunachal Pradesh	West Kameng	11.8
	Tripura	Tripura(W)	2.62	Assam	Dibrugarh	18.21	Tripura	Tripura(W)	30.57
	Mizoram	kolasib	0.66	Tripura	Tripura(W)	11.26	Assam	Dibrugarh	21.08
	Nagaland	Wokha	4.29	Nagaland	Wokha	1.56	Tripura	Sepahijala	26.68
	Arunachal Pradesh	Lower Subansiri	15.13	Meghalaya	E.K. Hills	126.53	Meghalaya	E.K. Hills	54.53
	Tripura	Sepahijala	2.04	Arunachal Pradesh	West Kameng	9.15	Assam	Dima Hasao	6.19
	Assam	Dibrugarh	9.36	Assam	Dima Hasao	3.52	Arunachal Pradesh	L. Subansiri	13.44
	Assam	Dima Hasao	6.48	Arunachal Pradesh	Papumpare	15.45	Mizoram	Kolasib	2.66
				Tripura	Sepahijala	14.7			
			Mizoram	kolasib	7.15				
Health and Family Welfare	Meghalaya	E.K. Hills	15.76	Arunachal Pradesh	Lower Subansiri	12.69	Arunachal Pradesh	West Kameng	6.39
	Tripura	Tripura(W)	3.31	Assam	Dibrugarh	1.91	Tripura	Tripura(W)	0.99
	Mizoram	kolasib	7.26	Nagaland	Wokha	36.04	Assam	Dibrugarh	1.05
	Nagaland	Wokha	0.39	Arunachal Pradesh	W. Kameng	10.22	Tripura	Sepahijala	1.78
	Tripura	Sepahijala	1.2	Assam	Dima Hasao	1.31	Meghalaya	E.K. Hills	22.81
				Tripura	Sepahijala	1.86			
Drinking water and Sanitation	Assam	Dima Hasao	0.57	Arunachal Pradesh	Lower Subansiri	43.72	Assam	Sonitpur	4.35
	Meghalaya	E.K. Hills	4.85	Assam	Dibrugarh	21.3	Arunachal Pradesh	West Kameng	28.34
	Tripura	Sepahijala	3.63	Tripura	Tripura(W)	7.09	Tripura	Tripura(W)	18.49
	Arunachal Pradesh	Lower Dibang Valley	53.14				Assam	Dibrugarh	21.67
	Nagaland	Wokha	84.09	Meghalaya	E.K. Hills	42.97	Tripura	Sepahijala	3
	Arunachal Pradesh	Lower Subansiri	96.62	Assam	Kamrup	46.98	Meghalaya	E.K. Hills	28.9
	Assam	Dibrugarh	13.75				Arunachal Pradesh	L. Subansiri	11.7
	Tripura	Tripura(W)	0.53		Dima Hasao	7.81	Nagaland	Wokha	0.05
	Arunachal Pradesh	West Kameng	7.2	Arunachal Pradesh	Papumpare	4.95	Assam	Kamrup	0.35
	Meghalaya	Ri-Bhoi	80.26	Tripura	Sepahijala	7.44	Mizoram	kolasib	1.59
Assam/Manipur	Kamrup/Imphal	373.09	Mizoram	kolasib	0.27	Arunachal Pradesh	Kra Daadi	6.89	
Entrepreneurship Development	Arunachal Pradesh	Papumpare	53.13	Arunachal Pradesh	Papumpare	0.6	Meghalaya	E.K. Hills	15.87
	Arunachal Pradesh	Siang	19.95				Assam	Dibrugarh	2.59
Women Empowerment	Meghalaya	E.K. Hills	7.31	Assam	Dibrugarh	0.71			
Environment protection	Mizoram	kolasib	12.05	Arunachal Pradesh	Lower Subansiri	9.92	Arunachal Pradesh	Lower Subansiri	22.49
	Tripura	Sepahijala	2.68	Arunachal Pradesh	Papumpare	18.82	Arunachal Pradesh	Papumpare	10.82
Sports, Art, Culture and Heritage	New Delhi	New Delhi	3.99	Assam	Dibrugarh	7.91	Assam	Dibrugarh	0.48
	Assam	Kamrup & Others	40.89				Meghalaya	E.K. Hills	11.28
	Assam	Dima Hasao	8.69	Meghalaya	E.K. Hills	8.83			
				Arunachal Pradesh	West Kameng	5.89			
Rural Development	Assam	Dima Hasao	8	Assam	Dima Hasao	2.45			
	Nagaland	Wokha	5	Assam	Dima Hasao	35.31	Assam	Dibrugarh	0.73
	Mizoram	kolasib	10.43	Assam	Dima Hasao	35.31	Meghalaya	E.K. Hills	29.72
	Assam	Dibrugarh	23.63	Mizoram	kolasib	10.57	Meghalaya	E.K. Hills	29.72
				Arunachal Pradesh	West Kameng	2.96	Nagaland	Wokha	8.94
				Arunachal Pradesh	L. Subansiri	4.78	Assam	Kamrup	2.83
							Arunachal Pradesh	L. Subansiri	4.57
							Mizoram	kolasib	1.91
						Assam	Dima Hasao	32.96	
						Arunachal Pradesh	Papumpare	1.44	
						Tripura	Sepahijala	1.51	

Local Area Development	Assam	Kamrup	18	Assam	Kamrup	18	Assam	Kamrup	18
Infrastructure Development	Assam	Dima Hasao	2.72	Arunachal Pradesh	West Kameng	10.5	Arunachal Pradesh	W.Kameng	13.68
	Meghalaya	E.K.Hills	0.48	Meghalaya	E.K. Hills	2.95	Arunachal Pradesh	Papumpare	14.8
							Meghalaya	E.K. Hills	3.74
							Arunachal Pradesh	Kra Daadi	10
							Arunachal Pradesh	L. Subansiri	15.97
Assam	Dibrugarh	14.8							

CSR Activities of THDC									Part-VII		
									(Amount in Rs. Lakh)		
Category of CSR Activities	2015-16			2016-17			2017-18				
	State	District	Amount	State	District	Amount	State	District	Amount		
Promotion of Education and Skill Development	Uttarakhand	Tehri	10.14	Uttarakhand	Tehri	12.7	Uttarakhand	Tehri	114.21		
		US Nagar	0.8		Dehradun	17.76		Dehradun	15.65		
		Tehri	54.15		Tehri	32.3		Dehradun	4.75		
		Dehradun	4.51		Dehradun	9.62		Uttarakashi	1.15		
		Haridwar	1.26		Uttarakashi	1.47		Uttar Pradesh	Khurja	6.8	
		Uttarakashi	1.32		Tehri	45.63	Tehri	31.52			
		Tehri	116.23		Tehri	272.02	Tehri	288.51			
		Tehri	196		Dehradun	240	Dehradun	255.14			
		Dehradun	172		Tehri	19.64	Tehri	14.18			
		Tehri	7.93		Tehri	38.05	Tehri	29.27			
Health and Family Welfare	Uttarakhand	Tehri	23.98	Uttarakhand	Dehradun	2.58	Uttarakhand	Dehradun	2.64		
		Tehri	12.4		Tehri	20.66		Tehri	28.67		
		Tehri	12.4		Haridwar	0.76		Dehradun	5.34		
		Tehri	12.4		Chamoli	2.11		Chamoli	16.67		
		Tehri	12.4		Chamoli	2.11		Uttar Pradesh	Khurja	2.64	
		Tehri	12.4		Tehri	14.99	Uttarakhand	Tehri	19.17		
		Tehri	12.4		Tehri	14.99	Uttarakhand	Dehradun	13.5		
		Tehri	12.4		Tehri	14.99	Uttarakhand	Tehri	19.17		
		Tehri	12.4		Tehri	14.99	Uttarakhand	Dehradun	13.5		
		Drinking Water and Sanitation	Uttarakhand		Tehri	190.38	Uttarakhand	Dehradun	4.15	Uttar Pradesh	Khurja
Dehradun	55.36			Tehri	9.06	Tehri		12.94			
Haridwar	45.61			Dehradun	8.2	Tehri		3.6			
Lower Dibrang Valley	38.36			Dehradun	1.86	Dehradun		16.2			
Pithoragarh	6.95			Tehri	54.76	Dehradun		0.09			
Udham Singh Nagar	104.9			Tehri	1.32	Tehri		24.62			
Joshimath	0.12			Dehradun	3.81	Dehradun		10.78			
Chamoli	17.4			Uttar Pradesh	Jhansi	2.79		Uttar Pradesh	Khurja	0.92	
Jhansi	24.7			Uttar Pradesh	Jhansi	2.79		Uttar Pradesh	Khurja	0.92	
Gautam Budh Nagar	12.4			Uttar Pradesh	Jhansi	2.79		Uttar Pradesh	Khurja	0.92	
Women Empowerment	Uttarakhand	Tehri	7.82	Uttarakhand	Tehri	7.62	Uttarakhand	Tehri	17.65		
		Dehradun	9.28		Dehradun	7.27		Dehradun	7.77		
		Haridwar	0.39		Dehradun	7.27		Uttar Pradesh	Khurja	0.63	
		Uttarakashi	1.32		Dehradun	7.27		Uttarakhand	Dehradun	14.86	
		Lucknow	0.46		Dehradun	7.27		Uttarakhand	Sitarganj	47.7	
	Environment Protection	Uttarakhand	Dehradun	3.68	Uttarakhand	Dehradun	10.83	Uttar Pradesh	Dehradun	41.02	
			Dehradun	3.68		Tehri	8.58		Sitarganj	47.7	
			Dehradun	3.68		Dehradun	5.25		Unnao	41.02	
			Dehradun	3.68		Haridwar	5.8		Lucknow	41.03	
			Dehradun	3.68		Uttarakashi	5.12		Lucknow	41.03	
Dehradun			3.68	Sitarganj		43.33	Lucknow	41.03			
Dehradun			3.68	Unnao		37.08	Lucknow	41.03			
Dehradun			3.68	Lucknow		37.08	Lucknow	41.03			
Dehradun			3.68	Lucknow		37.08	Lucknow	41.03			
Dehradun			3.68	Lucknow		37.08	Lucknow	41.03			
Sports, Art, Culture, Heritage	Uttarakhand	Dehradun	2.5	Uttarakhand	Dehradun	13	Uttarakhand	Dehradun	25.24		
		Uttarakashi	1		Haridwar	18		Dehradun	170.54		
		Uttarakashi	1		Dehradun	2.05		Delhi	15		
		Uttarakashi	1		Dehradun	2.05		Uttarakhand	Dehradun	4.79	
Rural Development	Uttarakhand	Tehri	107.66	Uttarakhand	Tehri	180.49	Uttarakhand	Tehri	125.22		
		Dehradun	25		Tehri	1.24		Tehri	125.22		
		Tehri	6.09		Tehri	1.24		Tehri	125.22		
		Tehri	10.58		Tehri	1.24		Tehri	125.22		
Infrastructure Development	Uttarakhand	Tehri	11.13	Uttarakhand	Tehri	218.79	Uttarakhand	Tehri	116.34		
		Dehradun	4.93		Dehradun	95.9		Dehradun	3.46		
CSR administrative expenditure			23.2			38.93			48.45		

CSR Activities of SJVNL

Part-VIII
(Amount in Rs. Lakh)

Category of CSR Activities	2015-16			2016-17			2017-18																		
	State	District	Amount	State	District	Amount	State	District	Amount																
Promotion of Education and Skill Development	Himachal Pradesh	Shimla	148	Himachal Pradesh	Shimla	885.89	Himachal Pradesh	Shimla	135.71																
		Kullu	21.9		Kullu	265.5		Kullu	53.17																
		Mandi	3		Mandi	42.71		Mandi	36.91																
		Kinnaur	4		Kinnaur	41.23		Kinnaur	44.19																
		Hamirpur	13		Hamirpur	60.31		Hamirpur	68.02																
	Kangra	14	Kangra		49.65	Kangra		49.07																	
	Delhi	-	10		Solan	13.43		Solan	20.77																
	Chandigarh	-	9		Sirmour	16.8		Sirmour	14.52																
		-	-		Chamba	11.12		Chamba	17.46																
		-	-		Una	12.89		Una	22.4																
		-	-		Bilaspur	14.12		Bilaspur	17.45																
		-	-		Lahaul Spiti	5.43		Lahaul Spiti	9																
	Uttarakhand	Uttarkashi	21.05		Uttarakhand	Uttarkashi		39.22	Uttarakhand	Uttarkashi	30.79														
		Chamoli	22		Chamoli	29.14		Chamoli	27.16																
	Arunachal Pradesh	Papum Pare	11		Arunachal Pradesh	Rudrapur		30	Arunachal Pradesh	Papum Pare	4.55														
					Papum Pare	Papum Pare		15.95																	
Lower Subamsiri				5.82																					
Maharashtra	Ahmednagar	4	Maharashtra	Tirap	1.45	Maharashtra	Ahmednagar	14.97																	
				Ahmednagar	13.18																				
Health and Family Welfare	Bihar	Buxar	33	Bihar	Buxar	38.36	Bihar	Buxar	49.47																
					Himachal Pradesh	Lower Dibang Valley		63	Shimla	112.91	Himachal Pradesh	Shimla	79.7												
									Solan	59.65				Solan	43.93										
									Kinnaur	44.26				Kinnaur	41.35										
									Kullu	49.24				Kullu	52.15										
									Mandi	11.83				Mandi	15.85										
									Hamirpur	29.66				Hamirpur	39.19										
									Sirmour	2.38				Sirmour	1.58										
									Chamba	2.38				Chamba	1.58										
									Lahaul Spiti	2.38				Lahaul Spiti	1.58										
	Una	2.38	Una						1.58																
	Uttarakhand	Uttarkashi	3		Uttarakhand	Uttarkashi		48.89	Uttarakhand	Uttarkashi	31.17														
						Chamoli		42.55				Chamoli	43.63												
						Maharashtra		Ahmednagar				12	Maharashtra	Ahmednagar	18.72	Maharashtra	Ahmednagar	20.64							
														Bihar	Buxar				90.81	Bihar	Buxar	57.71			
						Arunachal Pradesh		Papum Pare				40	Arunachal Pradesh	Papum Pare	6.85	Arunachal Pradesh	Papum Pare	0.87							
Bihar				Buxar			90.81							Bihar	Buxar				57.71						
Drinking Water and Sanitation	Himachal Pradesh	Shimla	557	Himachal Pradesh	Shimla	2.92	Himachal Pradesh	Shimla	26.51																
		Kullu	159		Kinnaur	0		Kinnaur	4.67																
		Kinnaur	27		Lahaul Spiti	0		Lahaul Spiti	0.5																
		Hamirpur	2		Kullu	12.24		Kullu	11.06																
		Kangra	28		Mandi	0.45		Mandi	1.04																
		Lahaul Spiti	169		Hamirpur	1.3		Hamirpur	1.98																
		Sirmour	48		Kangra	1.35		Kangra	0.93																
	Uttarakhand	Uttarkashi	222		Uttarakhand	Siramour		0	Uttarakhand	Uttarkashi	13.96														
						Chamoli		24				Chamoli	7.22	Chamoli	0.1										
	Bihar	Buxar	43			Uttarakhand		Uttarkashi	0.97	Uttarakhand	Uttarkashi	13.96													
								Chamoli	7.22				Chamoli	0.1											
								Arunachal Pradesh	Papumare				99	Arunachal Pradesh	Papumare	2.24	Arunachal Pradesh	Papumare	2.24						
															Punjab	Ludhiana				10.05					
								Patna	49				31	Patna	49	31	Patna	49	31						
																				Sitamari	60	Bhojpur	14	Motihari	20
Haryana	Palwal	5.95	Himachal Pradesh	Hamirpur		7.77	Himachal Pradesh			Hamirpur	7.77														
				Himachal Pradesh		Kullu						1.1								Himachal Pradesh	Kullu	2.07	Himachal Pradesh	Kinnaur	8.5
Women Empowerment	Himachal Pradesh	Shimla	3	Haryana		Palwal	2.7			Himachal Pradesh	Shimla	15.65													
		Kinnaur	1			Himachal Pradesh	Kullu				4.85	Himachal Pradesh								Kullu	4.85				
Women Empowerment	Himachal Pradesh	Kullu	5.5	Himachal Pradesh		Shimla	2.69	Himachal Pradesh	Shimla	1.82															
		Mandi	0.5			Kinnaur	1.15		Kinnaur	0.36															
		Uttarakhand	Uttarkashi			3.67	Kullu		7.41	Kullu	1.96														
					Mandi		0		Mandi	0.5															
					Kangra		0.84		Hamirpur	7.46															
		Uttarakhand	Uttarkashi		3.67	Uttarakhand	Uttarkashi		3.67	Uttarakhand	Uttarkashi	2.7													
							Chamoli		2.86				Chamoli	1.6											
		Bihar	Buxar		0.53	Bihar	Buxar		0.53	Bihar	Buxar	0.53													

Environment Protection	Himachal Pradesh	Shimla	25	Himachal Pradesh	Shimla	4.08	Himachal Pradesh	Shimla	170.7			
					Kullu	1.41		Kullu	155.52			
					Kinnaur	1.4		Kinnaur	41.17			
					Mandi	1.4		Mandi	358.76			
					Hamirpur	5.41		Hamirpur	1.48			
					Kangra	1.4		Kangra	41.17			
					Lahaul Spiti	1.4		Lahaul Spiti	40.98			
					Una	1.4		Una	1.48			
					Bilaspur	1.4		Bilaspur	1.48			
					Sirmour	1.4		Sirmour	41.17			
					Solan	1.4		Solan	41.17			
					Chamba	1.4		Chamba	41.17			
					Uttrakhand	Uttarkashi		17.88	Uttrakhand	Uttarkashi	6.32	
						Chamoli		0.71		Chamoli	5.91	
						Dehradoon		34.76		Dehradoon	14.9	
						Arunachal Pradesh		Papumare	0.01			
	Uttar Pradesh	Lucknow	5.22									
		Deoria	5.22									
		Shahjhanpur	5.22									
Sports, Art, Culture and Heritage	Himachal Pradesh	Shimla	11	Himachal Pradesh	Shimla	14.35	Himachal Pradesh	Shimla	325.6			
		Kinnaur	4		Kinnaur	4.1		Kinnaur	3			
		Kullu	0		Mandi	0.5		Mandi	0.2			
		Hamirpur	2		Kullu	8.75		Kullu	13			
		Kangra	1		Hamirpur	2.75		Hamirpur	2.75	Hamirpur	1.49	
					Kangra	4		Kangra	4	Kangra	2	
					Lahaul Spiti	1		Lahaul Spiti	1	Solan	3	
								Uttarkashi	1	Uttarkashi	5.75	
								Chamoli	0.26	Chamoli	1.07	
					Bihar	Buxar		0.65	Bihar	Buxar	6.7	
					Arunachal Pradesh	Papum Pare		0.5				
Rural Development	Himachal Pradesh	Kullu	1	Himachal Pradesh	Shimla	321.53	Himachal Pradesh	Shimla	53.88			
					Kullu	12.25		Kullu	40.94			
Local Area Development	Himachal Pradesh	Shimla	88.96	Himachal Pradesh	Shimla	115.02	Himachal Pradesh	Shimla	31.76			
Infrastructure Development	Himachal Pradesh	Shimla	274.04	Himachal Pradesh	Shimla	491.05	Himachal Pradesh	Shimla	534.48			
		Kullu	117		Kullu	153.06		Kullu	279.65			
		Kinnaur	28		Mandi	18.53		Mandi	56.24			
		Hamirpur	5		Kangra	5.71		Kangra	7.67			
					Kinnaur	33.98		Kinnaur	120.72			
			Hamirpur	44.8	Hamirpur	25.25						
	Uttrakhand	Uttrakhand	Uttarkashi	14	Uttrakhand	Uttarkashi	26.05	Uttrakhand	Uttarkashi	40.72		
			Chamoli	13		Chamoli	51.23		Chamoli	35.31		
						Arunachal Pradesh	Papum Pare		46.03	Arunachal Pradesh	Papum Pare	6.72
						Maharashtra	Ahmednagar		0.09	Maharashtra	Ahmednagar	0.76
							Bihar		Buxar	86.83		

CSR Activities of POSOCO

Part-IX

Category of CSR Activities	2015-16			2016-17			2017-18		
	State	District	Amount	State	District	Amount	State	District	Amount
Promoting Education and Skills Development	Pan India		32.86	Pan India		31.02	Pan India		29.29
				Delhi	Delhi	38	Delhi	Delhi	10.8
							Maharashtra	Raigad	33.58
Drinking Water and Sanitation	Meghalaya	East Khasi Hills	60	Delhi	Delhi	1.62	Delhi	Delhi	53.87
				Pan India			31.73	-	
Environment Protection	Delhi#	Delhi	48.27	Delhi	Delhi	40			
	Meghalaya	Ri-bhoi	49	Various parts of the country through which river Ganga flows		19			

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.554
ANSWERED ON 13.12.2018**

DIRECT BENEFIT TRANSFER

554. SHRI SUSHIL KUMAR SINGH:

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

- (a) whether there are any plans for introducing Direct Benefit Transfer (DBT) mechanism to disburse the power subsidies, if so, the details thereof;
- (b) whether pilot studies have been conducted in this regard, if so, the details thereof along with the key findings and benefits of such policy; and
- (c) the mechanism to assess the exact subsidies in case of agricultural sector here the beneficiaries are often unmetered and subsidy is provided on assumed consumption norms, which are often underestimated?

A N S W E R

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

(SHRI R. K. SINGH)

(a): A state government can give subsidy to any class of consumers including Agricultural sector, to the extent they consider appropriate as per provision of Section 65 of the Electricity act, 2003. Clause 8.3 of the Tariff Policy notified on 28.01.2016 also mentions that "Direct subsidy is a better way to support the power categories of consumers than the mechanism of cross subsidizing the tariff across the board". Further, the draft amendments to Tariff Policy, circulated for stakeholders comments on 30.5.2018, proposes that in case State Government decides to subsidize any category of consumers, the relief shall be passed on to such consumers through Direct Benefit Transfer (DBT) mechanism.

(b) & (c): As the subsidy is to be given by the state government, the pilot studies may be conducted by them. State Government of Punjab on 14th June, 2018 has notified a pilot project for Direct Benefit Transfer for Electricity (DBTE) for their Agriculture consumers. In the pilot scheme, the agricultural consumers are given a fixed electricity entitlement (KWh) free of cost and any consumption measured lower than the fixed entitlement would be reimbursed @ Rs 4 / KWh through DBT in the consumer bank account. This pilot scheme is voluntary in nature and is still in initial stages of implementation. This scheme is to conserve the ground water and may also result into crop diversification, accurate Energy Accounting, accurate Transmission & Distribution (T&D) Losses, curbing of wasteful energy consumption, etc.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.557
ANSWERED ON 13.12.2018**

WITHDRAWAL OF GAS-BASED SUBSIDY

557. SHRI GUTHA SUKENDER REDDY:

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

- (a) whether the Government is considering to withdraw the subsidy extension scheme being provided to gas- based power plants in the country;**
- (b) if so, the details thereof and the reasons therefor;**
- (c) whether the power producers' association has been requesting for extension of the scheme for only two years as short term solution to enable them make alternate arrangements, if so, the details thereof; and**
- (d) the response of the Government to such request?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) & (b): To revive and improve utilization of gas based capacity in the country, Government of India sanctioned a scheme for utilization of gas based power generation capacity for the years 2015-16 and 2016-17. The scheme envisaged supply of imported spot RLNG to the stranded gas based plants as well as plants receiving domestic gas, selected through a reverse e-bidding process. The scheme also envisaged sacrifices to be made collectively by all stakeholders and support from Power System Development Fund. The scheme ended on 31.03.2017.

(c) & (d): Yes, Madam. Several requests from Association of Power Producers have been received to reintroduce the aforesaid scheme and they are under consideration.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.568
ANSWERED ON 13.12.2018**

EMPOWERED COMMITTEE FOR STRESSED POWER PLANTS

**†568. SHRI DHARMENDRA YADAV:
DR. PRITAM GOPINATH MUNDE:
SHRI S. RAJENDRAN:
SHRI S.R. VIJAYAKUMAR:
SHRI ANANDRAO ADSUL:
SHRI SHRIRANG APPA BARNE:
KUNWAR HARIBANSH SINGH:
SHRI ADHALRAO PATIL SHIVAJIRAO:
SHRI SUDHEER GUPTA:
SHRI T. RADHAKRISHNAN:**

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

- (a) whether the empowered Committee headed by Cabinet Secretary suggested policy measures to revive stressed power plants with improved coal availability and if so, details of the main recommendations made by the aforesaid Committee;**
- (b) whether some of the recommendations are for allowing coal linkage for short-term contracts or bill discounting mechanism to address overdue payments;**
- (c) if so, the steps taken by the Central Government of India for implementation of the recommendations/ suggestions made by the aforesaid Committee;**
- (d) whether aforesaid Committee suggested reserving 60% of coal spot auctions for power plants, change in coal allocation policy to offer future incremental coal without auction to PPA holders and offering more coal to efficient plants; and**
- (e) if so, the action taken by the Government in this regard?**

A N S W E R

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

(SHRI R. K. SINGH)

(a), (b) & (d) : Yes, Madam.

**The High Level Empowered Committee (HLEC) has made following
recommendations in their report:**

1. Recommendations for Coal allocation/supply

1.1.Coal Linkage for short-term PPA: Linkage coal may be allowed to be used against short term PPAs and power be sold through Discovery of Efficient Energy Price (DEEP) portal following a transparent bidding process.

1.2.Coal Supply in case of termination of PPAs due to Payment default by DISCOMs: A generator should be able to terminate PPA in case of default in payment from the DISCOM with the facility to use linkage coal for short term PPAs for a period of maximum of 2 years or until they find another buyer of power under long/medium term PPA, whichever is earlier.

1.3.Procurement of bulk power by a nodal agency against pre-declared linkages: A nodal agency may be designated which may invite bids for procurement of bulk power for medium term for 3 to 5 years in appropriate tranches, against pre declared linkage by Coal India Limited (CIL).

1.4.PSU to act as an aggregator of power: NTPC can act as an aggregator of power, i.e., procure power through transparent competitive bidding process from such stressed power plants and offer that power to the DISCOMs against PPAs of NTPC till such time as NTPC's own concerned plants/units are commissioned.

1.5.Increase in quantity of coal for special forward e-auction for power sector: Ministry Of Coal may earmark for power, at least 60 per cent of the e-auction coal, and this should be in addition to the regular coal requirement of the power sector.

1.6.Linkage to be provided at notified prices without bidding: The generator should be required to bid only once, for the procurement of PPA and linkage should be granted at notified price without any further bidding, to the extent of incremental coal production.

1.7.Non-accrual of short supplies of coal: If there is a shortfall in the supply of coal and it is attributable to the Ministry of Coal or Railways; such shortfall need not lapse and be carried over to the subsequent months up to a maximum of three months.

1.8.ACQ to be determined based on efficiency: Upper ceiling for the ACQ/MW may be prescribed by the CEA on the basis of efficiency parameters and irrespective of the capacity and actual consumption of that plant, the coal may be supplied on that basis.

2. Recommendations to facilitate sale of power of the stressed power plants

2.1.Retirement of old and inefficient Plants: Old and high heat rate plants not complying with new environment norms may be considered for retirement in a phased and time bound manner at the same time avoiding any demand/supply mismatch.

3. Recommendations on Regulatory & DISCOM payment issues:

3.1.Mandatory payment of Late Payment Surcharge (LPS): Late Payment Surcharge be mandatorily paid in the event of delay in payment by the DISCOM.

3.2.Payment Security mechanism for IPPs: PFIs providing the Bill Discounting facility may also be covered by TPA i.e. in case of default by the DISCOM, the RBI may recover the dues from the account of States and make payment to the PFIs.

4. Other Recommendations

4.1.Cancellation of PPA/FSA/LTOA post NCLT scenario: PPAs, FSA and LTOA for transmission of power, EC/FC clearances, and all other approvals including water, be kept alive and not cancelled by the respective agencies even if the project is referred to NCLT or is acquired by any other entity. All of these may be linked to the plant and not the Promoter.

4.2.Cancellation of PPA for non-compliance of COD: In case there is a delay in the commissioning of a project, the DISCOMs may be advised not to cancel the PPAs signed with the Generator and the same be kept on hold for a certain period of time.

4.3.Low utilization of Gas plant capacity due to paucity of natural gas: In order to revive gas based power plants, Ministry of Power and Ministry of Petroleum & Natural Gas may jointly devise a scheme in line with the earlier e-bid RLNG Scheme (supported by PSDF).

(c) & (e) : Report has been circulated by the Government to all members. It has also been published on the website of the Ministry.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.579
ANSWERED ON 13.12.2018**

ENVIRONMENTAL RATING OF THERMAL POWER PLANTS

579. SHRI JAGDAMBIKA PAL:

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

- (a) whether the Ministry have taken the cognizance of the study conducted by the Centre for Science and Environment (CSE) on the environmental rating of Indian thermal power plants, if so, the details thereof;
- (b) whether the Indian thermal power plants are one of the most polluting in the country, if so, the reasons therefor; and
- (c) the details regarding thermal power plants run by National Thermal Power Corporation Limited in terms of (i) Average efficiency of the plants; (ii) Average CO₂ (carbon dioxide) emissions; (iii) Average water consumption; (iv) Level of Particulate Matter released in the air; and (v) Level of utilization of solid waste (ash) generated?

A N S W E R

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

(SHRI R. K. SINGH)

(a) : The Centre for Science and Environment in its report "Green rating of coal based Thermal Power plants" has, inter alia, given, the following suggestions to improve the performance of coal based power plants:

- i. Accelerating installation of supercritical/ultra-supercritical (SC/USC) plants.**
- ii. Retirement of old and inefficient plants.**
- iii. Introduction of tighter air pollution norms.**
- iv. Optimization of water and land use in coal based thermal power plants.**

(b) : The efficiency of Thermal Power Plants in the country is comparatively lower than other countries due to inferior quality of coal and higher ambient air temperature and higher cooling water temperature in India. The Carbon dioxide (CO₂) emission from Thermal Power Plants in the country is comparatively higher than the global standards due to inferior quality of coal and higher ambient air temperature and cooling water temperature in India resulting in more consumption of coal.

(c) : The details regarding coal based power plants run by NTPC for FY 2017-18 are given below:

Sl. No.	Parameter	Coal Stations
(i)	Average efficiency of the plants	35.9%
(ii)	Average CO₂ (carbon dioxide) emissions	0.971 tCO₂/Mwh
(iii)	Average water consumption	3.098 Litre/Kwh
(iv)	Level of Particulate Matter released in the air	0.27 gm/Kwh
(v)	Level of utilization of solid waste (ash) generated	53.45%

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.580
ANSWERED ON 13.12.2018**

UNVIABLE POWER PLANTS

†580. PROF. PREM SINGH CHANDUMAJRA:

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

- (a) whether there are several thermal power plants in the country which have become unviable;**
- (b) if so, the details of total number of such plants along with their power generation capacity;**
- (c) the details of estimated amount required to help these power plants to overcome financial crisis; and**
- (d) the steps taken by the Government for the revival of the said plants?**

A N S W E R

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

(SHRI R. K. SINGH)

(a) : Yes, Madam.

(b) : A list of 34 Stressed Thermal Power Plants received from Department of Financial Services is Annexed.

(c) : There is no information available on this in this Ministry and in the Department of Financial Services, Ministry of Finance.

(d) : Govt. of India has taken following steps to resolve the issues related to stress in power projects:

- I. Fuel Linkages under SHAKTI: The Government has approved a new coal linkage allocation policy on May 17, 2018 named SHAKTI (Scheme for harnessing & allocating koyla transparently in India). Under the**

scheme, auction of coal linkages for Independent Power Producers (IPPs) with PPAs based on domestic coal has been conducted on September 12, 2017. IPPs having PPA but no coal linkages have participated in the auction and linkages have been granted to 11549 MW capacity (10 projects) including five stressed projects of total 8490 MW capacity, and these projects have been resolved. Under B(i) provision of SHAKTI scheme, linkages have been granted to States/ Central Gencos for 8870 MW for 10 projects.

II. **Pilot project for procurement of 2500 MW:** In order to address the problem of lack of Power Purchase Agreements (PPAs) in the country, The Ministry of Power has notified a scheme for procurement of 2500 MW on competitive basis for a period of 3 years from the generators with commissioned projects having untied capacity. Under the scheme, PFC Consulting Ltd. invited bids for 2500 MW of power wherein PTC India Limited acted as an aggregator of demand for purchase of power from the power projects and sell that power to states utilities. Bids have been received from 7 (seven) projects for aggregate power of 1900 MW. Letter of Award (LOA) has been issued to all the successful bidders (1900 MW).

III. **DISCOM Payment Monitoring App PRAAPTI:** A new App PRAAPTI (Payment Ratification and Analysis in Power Procurement for Bringing Transparency in Invoicing of generators) has been launched by the Ministry of Power to bring more transparency in the payment system by DISCOMs. The generators are being actively encouraged to feed in their invoicing and payments data in the portal.

IV. **Steps taken to reduce the cost of generation:**

a. **The introduction of third party sampling by Central Institute of Mining and Fuel Research (CIMFR):** The Government has started third party sampling of coal at both loading and unloading end of coal supply from CIL to Generators.

b. **Coal linkage rationalization:**

- **Ministry of Power vide letter no 5/3/2015-OM dated 10th June, 2016 had issued the policy on flexibility in utilization of domestic coal for reducing the cost of power generation for central generating companies and state power utility.**

- **MoP vide letter no 5/3/2015-OM dated 20th February, 2017 had issued the methodology for use of coal by States in private generating stations.**

ANNEX REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 580 ANSWERED IN THE LOK SABHA ON 13.12.2018.

Status of the stressed projects*

Sl. No	Developer / Project	Total capacity (MW)	Commissd. (MW)	Lead FI/ Banks	Estimated Project Cost (crores)	O/S Debt (crores)	Equity infused (crores)	Total Investment (crores)
1	DVC/Raghunathpur	1200	1200	PFC	7957	2318	2626	4944
2	NTPC/Muzaffarpur (JV of NTPC & Bihar Govt.)	390	390	SBI	4777	2506	1277	3783
3	GMR/Kamalanga	1050	1050	IDFC	6519	4100	2250	6350
4	Adani/ Tiroda	3300	3300	SBI	19788	11765	4947	16712
5	GVK/Goindwal Sahib	540	540	IDBI	4773	3523	1250	4773
6	Adhunik Power Adhunik	540	540	SBI	3377	2474	903	3377
7	GMR/ EMCO Warora	600	600	SBI	4250	2905	1063	3968
8	DB Power/ Baradhara	1200	1200	SBI	8965	6721	2244	8965
9	Avantha/ Seoni Jhabua	600	600	AXIS	4806	3488	1348	4836
10	Coastal Energen/ Mutiara	1200	1200	SBI	7870	6132	1262	7394
11	Essar/ Mahan	1200	600	ICICI	7173	5951	2266	8217
12	GMR /Raikheda	1370	1370	AXIS	11543	8174	3368	11542
13	Jaypee/ Nigrie	1320	1320	ICICI	12350	6211	3812	10023
14	Jaypee /Bina	500	500	IDBI	3518	2254	1264	3518
15	JITPL/ Derang	1200	1200	PNB	7061	5381	1494	6875
16	KSK Mahanadi-Akaltara Unit	3600	1200	PFC	27080	17194	3234	20428
17	Jaypee/ Bara (Prayagraj)	1980	1980	SBI	15537	11494	4044	15538
18	RKM/Ucchpinda	1440	1080	PFC	12608	9145	2587	11732
19	SKS/ Binjkote	1200	300	SBI	5880	4801	862	5663
20	Essar /Tori	1200		ICICI	10441	3112	1719	4831
21	Lanco/ Babandh U-1 & 2	1320	0	ICICI	10430	6976	1123	8099
22	Monnet / Malibrahmani (stalled but good progress)	1050	0	IDFC	9500	5300	1273	6573
23	Athena (EastCost) / Bhavanpadu	1320	0	PFC	9975	2834	836	3670
24	KVK/ Nilanchal	1050	0	PFC	2992	1072	1116	2188
25	Lanco/ Vidarbh	1320	0	PNB	10433	4762	1079	5841
26	Visa/ Deveri	1200	0	PNB	6190	1481	427	1908
27	Lanco/ Anpara 'C'	1200	1200	REC	4845	3071	969	4040
28	Lanco /Amarkantak	1320	0	PFC	12865	8782	1533	10315
29	Ind Barath Utkal	700	350	PFC	4797	3046	1172	4218
30	Avantha/ Korba West	600	600	AXIS	4929	3099	1830	4929
31	Madhucon/Simhapuri	600	600	SBI	3510	2206	1035	3241
32	Athena/ Singhtarai U-1&2	1200		SBI	11522	5256	968	6224
33	Vandana/ Salora	270	135	PNB	1949	1489	541	2030
34	Rattan Power/ Nashik -I	1350	1350	PFC	9818	7107	2455	9562
	Grand total	40,130	24,405		2,90,028	1,76,130	60,177	2,36,307

* Above information is collected from various sources & subjected to verification from Discoms, Lenders, CERC etc

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.598
ANSWERED ON 13.12.2018**

BIOMASS PALLETS FOR THERMAL POWER PLANTS

**598. SHRI RAJESH KUMAR DIWAKER:
SHRI SUMEDHANAND SARSWATI:
SHRI CHANDRA PRAKASH JOSHI:**

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

- (a) whether the Government is planning to use biomass pallets (Parali) with coal in the country's thermal power plants, if so, the details thereof along with State and UT-wise where biomass pallets (Parali) will be used with coal;
- (b) whether the use of biomass pallets (Parali) with coal to produce electricity will be costlier, if so, the details thereof and the action taken by the Government to reduce the cost of electricity using Parali with coal; and
- (c) whether the Government has conducted any study to see how much extra production of electricity can be done using biomass pallets available in the country, if so, the details thereof?

A N S W E R

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

(SHRI R. K. SINGH)

(a) to (c) : Central Electricity Authority (CEA) has issued an advisory dated 17 Nov 2017 to all the coal based power plants to use 5-10% of agro residue based pellets along with coal. CEA has also issued technical specification for pellets/ torrefied pellets. In line with above advisory, NTPC has floated tender for procurement of 1000 metric tonnes per day (MTPD) of agro residue based pellets/ torrefied pellets for NTPC Dadri. Out of total requirement of 1000 MTPD, purchase order for 200 metric tonnes per day of agro residue based pellets/ torrefied pellets has been placed to three companies with supply duration of 2 years.

As per NTPC, use of farm stubble in its power plants will increase the cost of power generation. The increase in variable charge of electricity will depend on difference in price of biomass and coal, increase in heat rate and increase in auxiliary power consumption. The increase in fixed charges will depend as per additional capital expenditure required for biomass material handling infrastructure.

As per estimate of Central Electricity Authority (CEA), 1000 TPD (tonnes per day) of biomass pellets have the potential to generate 65 MW of power or 1.56 MU of electricity on daily basis when fired with coal in a coal fired power plant.

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.626
ANSWERED ON 13.12.2018**

POWER CRISIS

626. SHRI C.N. JAYADEVAN:

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

- (a) whether there is any energy-crisis in the country, if so, the details thereof;
- (b) whether power producers sit on thousands of megawatts of underutilized capacities and are facing insolvency proceedings and the consumers are facing power cuts and load shedding, if so, the details thereof;
- (c) the details of the major problems faced by the power producers and remedial measures being taken to solve the problems; and
- (d) the steps taken by the Government to solve the major problems faced by the power producers?

A N S W E R

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

(SHRI R. K. SINGH)

(a) : At present, there is sufficient generation capacity to meet the electricity demand in the country. As reported by the States/UTs to Central Electricity Authority, the details of Power Supply position for the current year are given at Annex. It may be seen that the energy required and peak demand have been largely met.

(b) to (d) : Government have reviewed the status of 34 stressed Thermal Power Projects, as per the list provided by Department of Financial Services. Government have identified the major reasons for stress in the Power Sector, which are as follows:

- i. Issues related to Coal supply,
- ii. Delayed payments by DISCOMs,
- iii. Inability of the Promoter to infuse equity and service debt,
- iv. Slow implementation of project by the developers,

.....2.

- v. **Issues related to Banks/ FIs**
- vi. **Aggressive tariffs quoted by bidders in competitive bidding process,**
- vii. **Regulatory and contractual disputes,**
- viii. **Legal issues related to auctioned coal mines,**
- ix. **Other operational issues such as delay in land acquisitions, inadequate transmission system etc.**

Govt. of India have taken following steps to resolve the issues related to stress in power projects:

- i. **Fuel Linkages under SHAKTI: Government have approved a new coal linkage allocation policy on May 17, 2018 named SHAKTI (Scheme for harnessing & allocating koyla transparently in India). IPPs having PPA but no coal linkages have been granted coal linkage for 11549 MW capacity (10 projects) including five stressed projects of total 8490 MW capacity.**
- ii. **Pilot project for procurement of 2500 MW: In order to address the problem of lack of Power Purchase Agreements (PPAs), the Ministry of Power have notified a scheme for procurement of 2500 MW on competitive basis for a period of 3 years from the generators with commissioned projects having untied capacity. Under the scheme, PFC Consulting Ltd. invited bids for 2500 MW of power wherein PTC India Limited acted as an aggregator of demand for purchase of power from the power projects and sell that power to states utilities. Bids have been received from 7 (seven) projects for aggregate power of 1900 MW. Letter of Award (LOA) has been issued to all the successful bidders (1900 MW). This will potentially improve the financial viability of the power projects and help developers in serving the debt obligations.**
- iii. **Rationalization of Coal Escalation Index: Some generators were facing under-recoveries due to anomalies in the coal escalation index published by Department of Industrial Policy and Promotion (DIPP). Now, CERC vide notification dated June 1st, 2018 has amended the guidelines for determination of tariff by bidding process of power procurement by distribution licensee to remove those anomalies and adopt a new series of Wholesale Price Index (WPI) in non-coking coal (G7-G14). On the basis of the new Notification of CERC, w.e.f. April 1, 2017, the generators will be eligible for revised tariff calculated on the basis of new series of WPI for non-coking coal (G7-G14). This will largely take care of the issues of under recovery of the generator's dues.**

- iv. Additional cost implication to meet the new environment norms: The Ministry of Power has issued direction to Central Electricity Regulatory Commission (CERC) under section 107 of The Electricity Act, 2003 on May 30, 2018 stating that the additional cost implications due to installation or up-gradation of various emission control systems and its operational cost to meet new environment norms, after award of a bid or signing of a PPA, as the case may be, shall be considered for being made pass through in tariff.**

- v. Allowing pass-through of any change in domestic duties, levies, cess, and taxes imposed by the government: Tariff policy 2016 provided that any change in domestic duties, levies, cess & taxes imposed by Central/ State/ UTs etc. after award of bids, leading to corresponding changes in cost, may be treated as a change in law and allowed as pass through subject to PPA provisions and approval of appropriate Commission. Further, Ministry of Power vide letter dated August 27, 2018 issued directions to CERC for time bound determination of per unit impact of such change in law in 30 days of filing of petition.**

- vi. DISCOM Payment Monitoring App PRAAPTI: A new App PRAAPTI (Payment Ratification and Analysis in Power Procurement for Bringing Transparency in Invoicing of generators) has been launched by the Ministry of Power to bring more transparency in the payment system by DISCOMs.**

ANNEX

ANNEX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 626 ANSWERED IN THE LOK SABHA ON 13.12.2018.

Power Supply Position

Year	Energy Requirement (MU)	Energy Supplied (MU)	Energy not Supplied (%)	Peak Demand (MW)	Peak Met (MW)	Demand not Met (%)
April,2018 - November,2018	870,809	865,476	0.6	177,022	175,528	0.8

**GOVERNMENT OF INDIA
MINISTRY OF POWER**

**LOK SABHA
UNSTARRED QUESTION NO.658
ANSWERED ON 13.12.2018**

CLEAN ENERGY IN TAMIL NADU

658. SHRI K. PARASURAMAN:

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

- (a) whether the Government is having any new proposal to remove bottlenecks, especially over the frequency-linked penalty and compensation charges for power from Central generation since Tamil Nadu had proposed to increase the production of clean energy, if so, the details thereof;
- (b) the number of beneficiaries under the pro-poor programme of Saubhagya Ujala Scheme (LED LIGHTS) pertaining six assembly segments, namely Thanjavur, Orathanadu, Pattukkottai, Peravurani, Thiruvaiyaru and Mannargudi; and
- (c) if so, the details thereof?

A N S W E R

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

(SHRI R. K. SINGH)

(a) : The Central Commission, while taking into account the problems of Renewable Energy (RE) rich States owing to variability of renewable energy has provided for relaxation in deviation limits to 200 MW (for States having installed solar and wind capacity of 1000 to 3000 MW) and 250 MW (for States having installed solar and wind capacity exceeding 3000 MW).

Further, taking into consideration the variable nature of renewable sources of energy, and to facilitate integration of RE generation in the grid, the Central Electricity Regulatory Commission (CERC) has notified the framework on Forecasting ,Scheduling and Imbalance handling for Variable Renewable Energy Sources (Wind and Solar).

(b) & (c) : Under UJALA scheme, Energy Efficiency Services Limited (EESL) has distributed a total 17,849 LED bulbs to 2,152 beneficiaries in Thanjavur, Pattukkottai, Thiruvaiyaru and Mannargudi assembly segments of Tamil Nadu State. These LED bulbs distributed during Gram Swaraj Abhiyan (GSA) period.

Details of LED bulbs distributed with number of beneficiaries is at Annex.

ANNEX

ANNEX REFERRED TO IN REPLY TO PARTS (b) & (c) OF UNSTARRED QUESTION NO. 658 ANSWERED IN THE LOK SABHA ON 13.12.2018.

LED bulbs distributed with numbers of beneficiaries

Sl. No.	Name of assembly segment of Tamil Nadu state	No. of LED bulbs distributed under UJALA scheme	No. of beneficiaries
1	Thanjavur	4387	622
2	Orathanadu	-	-
3	Pattukkottai	1101	119
4	Peravurani	-	-
5	Thiruvaiyaru	3237	492
6	Mannargudi	9124	918
Total		17,849	2152

LED bulbs distributed under Saubhagya scheme have not been included as the scheme is being implemented by DISCOMs.
