GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1847
ANSWERED ON 22.09.2020

AMENDMENTS TO ELECTRICITY ACT

1847. SHRI NAMA NAGESWARA RAO:

Will the Minister of POWER
be pleased to state:

(a) whether the Union Government proposes any amendments in the Electricity Act, 2003;

(b) if so, the details thereof;

(c) whether the proposed amendments are likely to affect adversely the small household consumers and farmers as highlighted by the Telangana Government;

(d) whether farmers are likely to lose subsidy on electricity bills due to the proposed amendments and if so, the details thereof; and

(e) whether the Union Government intends to amend the tariff policy once the proposed amendments are carried out in the said Act?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b) : Yes, Sir. A draft Electricity (Amendment) Bill 2020 was published on 17th April 2020 seeking comments from the stakeholders including the State Governments. The draft proposal, inter-alia, includes provisions related to Direct Benefit Transfer of subsidy, cross subsidies, selection committee for selection of Chairperson and Members

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of the regulatory commissions, contract enforcement mechanism, payment security mechanism, promotion of renewable energy, introduction of Distribution Sub Licensee etc. Comments have been received from the stakeholders including the State Governments. The suggestions made by the stakeholders will be examined and incorporated suitably in the draft Amendment Bill.

(c) : No, Sir. The proposed amendments will enhance the sustainability of the power sector and help all consumers, including small household consumers and farmers in getting quality and reliable power at reasonable rates.

(d) : No, Sir. There is no proposal to remove the provision empowering State Governments to release subsidy to the needy. The State Governments can continue to provide subsidy to any class of consumer, as they deem fit. The proposal is to give the subsidy in the account of the consumer maintained by DISCOMs for better accounting, higher transparency and proper targetting.

(e) : Amendment of Tariff Policy is considered from time to time to align it with the changing needs of the power sector, take advantage of the technological advancements and address evolving challenges. Proposals for Revision in the Tariff Policy are already in an advanced stage of consideration.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1860
ANSWERED ON 22.09.2020

DISTRIBUTION OF ELECTRICITY THROUGH HEPs

†1860. SHRI RAHUL KASWAN:

Will the Minister of POWER
be pleased to state:

(a) the details of agreements signed among the Union Government and the State Governments of Punjab, Haryana and Rajasthan regarding distribution of electricity generated through Hydro Power Projects (HEPs) in Punjab;

(b) whether there is any dispute among the aforesaid States regarding distribution of electricity;

(c) if so, the details thereof; and

(d) the steps taken by the Union Government to resolve this dispute?

A N S W E R

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

(SHRI R.K. SINGH)

(a) : No such agreement has been signed between the Union Government and the Governments of Punjab, Haryana and Rajasthan regarding distribution of power generated through Hydro Power Projects (HEPs) in Punjab.

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(b) to (d) : In June 1996, State of Himachal Pradesh filed a Plaint before the Hon'ble Supreme Court of India in Original Suit No. 2/96 claiming 7.19% share in Bhakra-Nangal Projects since 1.11.1966 and since date of commissioning from Beas Projects. Supreme Court in its judgement dated 27.09.2011 allowed 7.19% share to H.P from Bhakra and Beas Projects. Accordingly, Himachal Pradesh is being provided 7.19% share of power from Bhakra and Beas Projects w.e.f. 01.11.2011. As regards the past energy arrears due to the Government of Himachal Pradesh, the matter is sub-judice.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1871
ANSWERED ON 22.09.2020

INSTALLATION OF HYDROELECTRIC PLANTS

1871. SHRI PRADYUT BORDOLOI:

Will the Minister of POWER be pleased to state:

(a) the details of plans proposed by the Government for installation of hydroelectric plants in the States with the objective of reducing pollution, State-wise;

(b) the details of hydroelectric and thermal power plants installed in Assam during the last three years, district-wise; and

(c) the details of progress of such projects undertaken in Assam and the estimated time-frame within which these are likely to be completed?

A N S W E R

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

(SHRI R.K. SINGH)

(a) : 38 Hydroelectric projects with a total installed capacity of 12973.5 MW are presently under-construction with the objective of reducing pollution. The details of these projects are given at Annexure.

(b) : No hydroelectric plant (above 25 MW capacity) has been installed in Assam during the last three years. However, 5 Thermal power plants, aggregating to capacity of 668.155 MW have been commissioned during the last three years in the State of Assam. The district-wise details of these projects are as under:

Sr. No.	District	Project Name	Imple-mentation Agency	Actual Capacity Added (MW)
1.	Kokrajhar	Bongaigaon Thermal Power Project	NTPC	250
2.	Dibrugarh	Namrup Combined Cycle Gas Turbine	APGCL	62.25
3.	Charaideo	Lakhwa Replacement Power Project	APGCL	69.755
4.	Kokrajhar	Bongaigaon Thermal Power Project	NTPC	250
5.	Dibrugarh	Namrup Combined Cycle Gas Turbine	APGCL	36.15
			Total	668.155

(c) : Presently, no Hydro-electric Power project (above 25 MW capacity) or Thermal power plant is under construction in the State of Assam.

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ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1871 ANSWERED IN THE LOK SABHA ON 22.09.2020

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List of State-wise Under Construction Hydro Electric Projects in the Country (above 25 MW)

(As on 31.08.2020)

Sl. No.	Name of Scheme (Executing Agency)	Sector	Cap. Under Execution (MW)
Andhra Pradesh			
1	Polavaram (APGENCO/Irrigation Dept., A.P.)	State	960.00
	Sub-total: Andhra Pradesh		960.00
Arunachal Pradesh			
2	Kameng (NEEPCO) 2 units taken in operation	Central	300.00
3	Subansiri Lower (NHPC)	Central	2000.00
	Sub-total: Arunachal Pradesh		2300.00
Himachal Pradesh			
4	Parbati St. II (NHPC)	Central	800.00
5	Uhl-III (BVPCL)	State	100.00
6	Sawra Kuddu (HPPCL)	State	111.00
7	Shongtong Karcham (HPPCL)	State	450.00
8	Bajoli Holi (GMR)	Private	180.00
9	Sorang (HSPCL)	Private	100.00
10	Tangnu Romai (TRPG)	Private	44.00
11	Tidong-I (Statkraft IPL)	Private	100.00
12	Kutehr (JSW Energy Ltd)	Private	240.00
	Sub-total: Himachal Pradesh		2125.00
Jammu & Kashmir			
13	Pakal Dul (CVPPL)	Central	1000.00
14	Parnai (JKSPDC)	State	37.50
15	Lower Kalnai (JKSPDC)	State	48.00
16	Kiru (CVPPL)	Central	624.00
17	# Ratle (RHEPPL / NHPC)	Central	850.00
	Sub-total: Jammu & Kashmir		2559.50
Kerala			
18	Pallivasal (KSEB)	State	60.00
19	Thottiyar (KSEB)	State	40.00
	Sub-total: Kerala		100.00
Madhya Pradesh			
20	## Maheshwar (SMHPCL)	Private	400.00
	Sub-total: Madhya Pradesh		400.00
Maharashtra			
21	Koyna Left Bank (WRD,MAH)	State	80.00
	Sub-total: Maharashtra		80.00
Punjab			
22	Shahpurkandi (PSPCL/ Irrigation Deptt., Pb.)	State	206.00
	Sub-total: Punjab		206.00

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Sikkim			
23	**Teesta St. VI NHPC**	**Central**	**500.00**
24	**Bhasmey (Gati Infrastructure)**	**Private**	**51.00**
25	**Rangit-IV (JAL Power)**	**Private**	**120.00**
26	**Rangit-II (Sikkim Hydro)**	**Private**	**66.00**
27	**Rongnichu (Madhya Bharat)**	**Private**	**96.00**
28	**Panan (Himagiri)**	**Private**	**300.00**
	Sub-total: Sikkim		**1133.00**
Tamil Nadu			
29	**Kundah Pumped Storage Phase-I,II&III)**	**State**	**500.00**
	Sub-total: Tamil Nadu		**500.00**
Uttarakhand			
30	**Lata Tapovan (NTPC)**	**Central**	**171.00**
31	**Tapovan Vishnugad (NTPC)**	**Central**	**520.00**
32	**Tehri PSS (THDC)**	**Central**	**1000.00**
33	**Vishnugad Pipalkoti (THDC)**	**Central**	**444.00**
34	**Naitwar Mori (SJVNL)**	**Central**	**60.00**
35	**Vyasi (UJVNL)**	**State**	**120.00**
36	**Phata Byung (LANCO)**	**Private**	**76.00**
37	**Singoli Bhatwari (L&T)**	**Private**	**99.00**
	Sub-total: Uttarakhand		**2490.00**
West Bengal			
38	**Rammam-III (NTPC)**	**Central**	**120.00**
	Sub-total: West Bengal		**120.00**
		Total:	**12973.50**

 # Govt. of J&K, PDD have terminated PPA on 09.02.2017 and directed JKSPDC to take over the project. MoU between NHPC (51% share) & JKSPDC (49% share) signed on 03.02.2019 for implementation of project in JV mode.

PFC as lead lender have acquired majority equity i.e. 51% in the SMHPCL w.e.f. 1st June, 2016. Matter is Sub-judice.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1889
ANSWERED ON 22.09.2020

PROCUREMENT OF ELECTRIC VEHICLES BY EESL

1889. SHRIMATI SANGEETA KUMARI SINGH DEO:
SHRI V.K. SREEKANDAN:
SHRI VINOD KUMAR SONKAR:
DR. JAYANTA KUMAR ROY:
SHRI RAJA AMARESHWARA NAIK:
DR. SUKANTA MAJUMDAR:
SHRI BHOLA SINGH:

Will the Minister of POWER
be pleased to state:

(a) whether the Energy Efficiency Services Limited (EESL) has procured electric cars to promote it among the Government Departments and PSUs;

(b) if so, the details of electric vehicles procured by the EESL during the current financial year along with the costs and the manufacturers;

(c) whether the Government proposes to buy more electric vehicles produced locally in future and if so, the details thereof;

(d) the details of electric vehicles procured by the EESL without tendering/bidding;

(e) whether the EESL has planned to set up thousands of charging stations in the country and if so, the details thereof;

(f) whether the Government proposes to encourage domestic manufacturers to produce electric cars and charging systems locally; and

(g) if so, the other steps being taken by the Government in this regard?

A N S W E R

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

(SHRI R.K. SINGH)

(a) to (d) : Energy Efficiency Services Limited (EESL), a joint venture of Public Sector Undertakings (PSUs) under Ministry of Power, had concluded the procurement of 10,000 electric cars through an international competitive bidding process.

These electric cars are given on lease/outright purchase basis to Government Departments, PSUs and others. As on date, 1,514 e-cars have been deployed in Government Departments, PSUs and others.

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Taking note of the launch of higher range e-cars over the last few months in India, EESL had procured 17 e-cars on a pilot basis in order to test their performance. Based on the performance feedback, procurement action for future requirement has been concluded through open competitive bidding.

Accordingly, during the current financial year FY 2020-21, EESL has procured 250 higher range e-cars through an international competitive bidding process. The cost and manufacturer wise details are furnished at Annexure-I.

All the e-vehicles procured by EESL have been procured from the manufacturers having their manufacturing plants in India. In future also, all procurements of e-vehicles by EESL will be done in accordance with Public Procurement (Preference to Make in India), Order. Further, under Faster Adoption and Manufacturing of (Hybrid &) Electric Vehicles in India (FAME India) Scheme, incentive is provided to those electric/ hybrid vehicles which are manufactured in the country.

(e) : EESL aims to install 5,000 Public Charging Stations (PCS) across India in next 5 years. Towards this end, EESL has signed MoUs with multiple stakeholders across municipalities and DISCOMs for location assessment study and setting up of charging stations in their jurisdiction.

The details of number of PCS installed and commissioned by EESL across India is furnished at Annexure-II.

In addition, EESL has commissioned 488 (308 AC & 180 DC) captive chargers across all offices where EESL's EVs have been delivered.

(f) & (g) : The programme of procurement and deployment of e-vehicles is being implemented by EESL with the objective to provide an impetus for domestic electric vehicle manufacturing and creation of charging infrastructure, through efficiencies of scale.

Further, in order to encourage domestic manufacture of charging infrastructure for Electric Vehicles, it has been proposed to include items for charging infrastructure for EVs in the comprehensive list of items which are being imported and suggesting replacement of those items under phased manufacturing in India through Manufacturing Hub.

The Department of Heavy Industry (DHI) is administering FAME India Scheme since 1st April 2015 to promote adoption of electric/ hybrid vehicles (xEVs) in India. Phase-I of the Scheme was extended from time to time and the last such extension was allowed upto 31st March 2019. At present, Phase-II of FAME India Scheme is under implementation for a period of three years w.e.f. 1st April 2019.

This phase focuses on supporting electrification of public and shared transportation and aims to support, through subsidies approximately 700 e-Buses, 5 lakhs e-3 Wheelers, 55000 e-4 Wheeler Passenger Cars and 10 lakh e-2 Wheelers. Further, Rs.1000 crore is allocated for creation of charging infrastructure.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1889 ANSWERED IN THE LOK SABHA ON 22.09.2020.

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Details of electric vehicles procured by the EESL during the current financial year along with costs and the Manufacturers.

Electric vehicle Model	No. of EVs procured during FY 2020-21	Manufacturer	Cost in INR Crore
Tata Nexon EVXZ+	150	M/s Tata Motors Limited	21.24 Crore (excl. taxes)
Hyundai Kona Electric Premium	100	M/s Hyundai Motor India Ltd.	20.36 Crore (excl. taxes)

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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (e) OF UNSTARRED QUESTION NO. 1889 ANSWERED IN THE LOK SABHA ON 22.09.2020.

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Details of number of public charging stations installed and commissioned by EESL across India.

Sl. No.	State/UT	Location	Type of Chargers	No. of Public Chargers installed and commissioned
1.	Delhi	NDMC	DC-001, CCS/ChADEMO/ Type 2 AC	64
2.		SDMC		
3.	Tamil Nadu	CMRL Chennai	DC-001/AC-001	10
4.	Maharashtra	Maha Metro Nagpur	DC-001/AC-001	2
5.	Uttar Pradesh	Noida Authority	DC-001	9
6.	West Bengal	New Town Kolkata	DC-001/AC-001	12
Total nos. of Public Charging Stations installed and commissioned				97

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1897
ANSWERED ON 22.09.2020

TAX IMPOSED ON ELECTRICITY CHARGES

1897. SHRI D.K. SURESH:

Will the Minister of POWER
be pleased to state:

(a) the tax imposed on electricity charges by different States, State-wise;

(b) whether the Government has any proposal to unify taxes on electricity all over the country; and

(c) if so, the details thereof?

A N S W E R

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

(SHRI R.K. SINGH)

(a) : The State-wise details of the duty/taxes/cess/surcharge imposed on electricity are provided at Annexure.

(b) & (c) : No, Sir. The Constitution of India empowers State Governments to impose Electricity Duty, subject to certain restrictions.

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ANNEXURE

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1897 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Details of electricity duty/ taxes/ cess/ surcharge in various States / Union Territories

Sl. No.	Name of States / UTs	Domestic	Commer-cial	Agricul-tural	LT-Industry	HT-Industry	Railway Traction
1	Andaman & Nicobar Islands (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
2	Andhra Pradesh (2017-18)	6 P/KWh	6 P/KWh	Nil	6 P/KWh	6 P/KWh	6 P/KWh
3	Arunachal Pradesh (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
4	Assam(2018-19)	5%	5%	5%	5%	5%	5%
5	Bihar (2017-18)	6%	6%	4 P/KWh	6%	6%	6%
6	Chandigarh (2018-19)	9 P/KWh	11 P/KWh	Nil	11 P/KWh	11 P/KWh	-
7	Chhattisgarh (2017-18)	8%	12%	Nil	Upto 25 HP - 3% In excess of 25 HP upto 75 HP - 4% In excess of 75 HP upto 100 HP - 5% In excess of 100 HP upto 150 HP - 6%	20%	Nil
8	Dadra & Nagar Haveli(2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
9	Daman & Diu (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
10	Delhi (2017-18)	5%	5%	5%	5%	5%	5%
11	Goa (2018-19)	20 P/KWh	70 P/KWh	20 P/KWh	70 P/KWh	70 P/KWh	-
12	Gujarat (2017-18)	Rural areas - 7.5% Urban areas -15%	25%	Nil	10%	15%	Nil
13	Haryana(2017-18)	10 P/KWh	10 P/KWh	Nil	10 P/KWh	10 P/KWh	Nil
14	Himachal Pradesh (2018-19)	3%	8%	10%	Small Industry 2% Medium Industry 7%	11%	11%
15	Jammu & Kashmir (2017-18)	10%	10%	10%	10%	10%	10%
16	Jharkhand (2017-18)	Upto 250 KWh/Month - 20 P/KWh Above 250 KWh/Month - 24 P/KWh	Upto 250 KWh/Month - 24 P/KWh Above 250 KWh/Month - 30 P/KWh	2 P/KWh	5 P/KWh	5 P/KWh	15 P/KWh

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17	Karnataka (2017-18)	6%	6%	Nil	6%	6%	6%
18	Kerala (2018-19)	10%	10%	10%	10%	10 P/KWh	Nil
19	Lakshadweep (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
20	Madhya Pradesh (2018-19)	Upto 100 KWh/Month - 9% above 100 KWh/Month - 12%	Upto 50 KWh/Month - 9% In excess of 50 KWh/Month - 15%	Nil	Upto 150 HP - 9%	15%	Nil
21	Maharashtra (2017-18)	16%	21% additional tax - 9.04 P/KWh	Nil	9.3% additional tax - 9.04 P/KWh	9.3% addl. tax - 9.04 P/KWh	Nil
22	Manipur (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
23	Meghalaya (2017-18)	5 P/KWh	6 P/KWh	6 P/KWh	Upto15000 KWh/Month -5 paise /kwh Next 25000 KWh/Month - 4.5 paisa/kwh Above 40000 KWh/Month - 3 paisa/kwh		Nil
24	Mizoram (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
25	Nagaland (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
26	Odisha (2017-18)	4%	4%	2%	5%	8%	Nil
27	Puducherry (2018-19)	Nil	Nil	Nil	Nil	Nil	Nil
28	Punjab (2017-18)	13%	13%	13%	13%	13%	13%
29	Rajasthan (2018-19)	40 P/KWh wef 09.03.2011 Urban Cess 15 P/Kwh	40 P/KWh wef 01.09.2009 Water Cess 10 P/Kwh wef 09.03.2011 Urban Cess 15 P/Kwh	Metered Supply-4 P/KWh and Non-Metered Supply-425 P/kWh	40 P/KWh wef 01.09.2009 Water Cess 10 P/Kwh wef 09.03.2011 Urban Cess 15 P/Kwh	40 P/KWh Water Cess 10 P/Kwh Urban Cess 15 P/Kwh	Nil
30	Sikkim (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
31	Tamil Nadu (2017-18)	Nil	5%	Nil	5%	5%	Nil
32	Telangana (2018-19)	6 P/KWh	6 P/KWh	Nil	6 P/KWh	6 P/KWh	Nil
33	Tripura (2017-18)	Nil	Nil	Nil	Nil	Nil	Nil
34	Uttarakhand (2017-18)	up to 10 KW -15 P/KWh	up to 50 KW -15 P/KWh	up to 10 KW -15 P/KWh	up to 50 KW -20 P/KWh	50 P/KWh	Nil
		Above 10 Kw - 30 P/Kwh	Above 50 Kw - 30 P/Kwh	Above 10 Kw - 30 P/Kwh	50 KW to 75KW -40 P/Kwh		
35	Uttar Pradesh (2017-18)	5%	7.5%	7.5%	7.5%	7.5%	Nil

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36	West Bengal (2017-18)	Upto 300 KWh/Month - Nil Above 300 KWh/Month - 10%	Upto 150 KWh/Month - Nil >150 but <=500 KWh/Month - 10% >500 but <=1000 KWh/Month - 12.5% >1000 KWh/Month - 15%	Nil	Upto 500 KWh/Month - Nil >500 but <=2000 KWh/Month - 2.5% >2000 but <=3500 KWh/Month - 7.5% >3500 KWh/Month - 12.5%	15%	Nil

Note: 1. In Uttar Pradesh, electricity duty is charged as a percentage of rate charged.

2. In Kerala, electricity duty is charged on the energy charge only.

3. In Odisha, the ceiling of electricity duty will be upto maximum 200 P/Kwh and 15 percentum on the energy charges.

4. In Rajasthan, if domestic consumers consume less than 100 units per month, no urban cess will be charged.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1928
ANSWERED ON 22.09.2020

FIRE MISHAP AT SRISAILAM POWER PLANT

1928. SHRI ANUMULA REVANTH REDDY:

Will the Minister of POWER
be pleased to state:

(a) whether the Government proposes to initiate any inquiry in recent fire mishap at Srisailam Power Plant to find out the criminal conspiracy in which several employees lost their lives and the equipments worth hundreds of crores were damaged due to the negligence of the State authorities involved therein;

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

(c) whether the Government also proposes to initiate an inquiry under 'Central Electricity Authority' to understand the technical failures that lead to the tragic incident;

(d) if so, the details thereof; and

(e) if not, the reasons therefor?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b): Srisailam Power Plant is a state level project under the jurisdiction of Government of Telangana. Government of Telangana has already ordered a CID enquiry vide order dated 21.08.2020 to go into the

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facts and circumstances leading to fire & identify the causes. Further, a 5 member Internal Committee has also been constituted by Telangana State Power Generation Corporation Limited (TSGENCO) vide order dated 23.08.2020 under the Chairmanship of CMD, Telangana State Southern Power Distribution Company Limited (TSSPDCL) to enquire into the fire accident and to furnish a report on causes and circumstances that led to the fire accident and measures to be taken to prevent such accidents in future.

(c) to (e) : The Central Electricity Authority has been requested to take action in the matter under the provisions of Central Electricity Authority (Measures relating to Safety & Electric Supply) Amendment Regulations, 2018.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.1998
ANSWERED ON 22.09.2020

ONGOING ENERGY PROJECTS

†1998. DR. KRISHNA PAL SINGH YADAV:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has released the list of ongoing/coming up thermal, solar and wind energy projects in the country;

(b) if so, the details thereof;

(c) the details in regard to commencement of each of such projects in the country; and

(d) the quantum of funds allocated for the purpose, project-wise?

A N S W E R

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

(SHRI R.K. SINGH)

(a) to (d) : As per Electricity Act 2003, the generation is a de-licensed activity. Thus, the investment in setting up of power projects is made by the concerned developers. Therefore, no funds are sanctioned/allocated by the Government of India in this regard, except contribution in equity of the Central Public Sector Units for setting up of such projects on a case-to-case basis.

As far as solar and wind energy projects in the country are concerned, Solar Energy Corporation of India (SECI) publishes the results after e-Reverse Auction (e-RA) and list of commissioned projects under Solar, Wind, Hybrid and Rooftop schemes under the "RTI" section of SECI's official website, www.seci.co.in, and the same is updated on a monthly basis. Once award is placed, the project comes under on-going category. The details of under construction thermal power projects in the country are given in Annexure-I. The details of under construction/ongoing solar and wind power projects are given at Annexure-II and Annexure-III respectively.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1998 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Details of Under Construction Thermal Power Projects in the country

Sl. No.	Project Name	Unit No	Capacity (MW)	Original . Commissioning Schedule	Anticipated TR. Schedule/ COD
CENTRAL SECTOR					
1	Barh STPP-I	U-1	660	Aug-09	Dec-20
		U-2	660	Jun-10	Sep-21
		U-3	660	Apr-11	Apr-22
2	Nabi Nagar TPP	U-4	250	Nov-13	Feb-21
3	New Nabi Nagar	U-2	660	Jul-17	Jan-21
		U-3	660	Jan-18	Aug-21
4	North Karanpura STPP	U-1	660	Feb-18	Oct-21
		U-2	660	Aug-18	Apr-22
		U-3	660	Feb-19	Oct-22
5	Gadarwara STPP	U-2	800	Sep-17	Oct-20
6	Darlipalli STPP	U-2	800	Jun-18	Feb-21
7	Neyveli New TPP	U-2	500	Mar-18	Oct-20
8	Telangana STPP St- I	U-1	800	Jan-20	Oct-21
		U-2	800	Jul-20	Mar-22
9	Meja STPP TG-Toshiba	U-2	660	Dec-16	Oct-20
10	Tanda TPP St II	U-6	660	Feb-20	Mar-21
11	Ghatampur TPP	U-1	660	Apr-20	Apr-21
		U-2	660	Oct-20	Oct-21
		U-3	660	Oct-20	Mar-22
12	Barsingar TPP	U-1	250	May-20	Hold
13	Bithnok TPP	U-1	250	May-20	Hold
14	Patratu STPP	U-1	800	Jan-22	Sep-22
		U-2	800	Sep-22	Mar-23
		U-3	800	Dec-22	Sep-23
15	Rourkela PP-II	U-1	250	Dec-18	Apr-21
16	Khurja SCTPP	U-1	660	Mar-23	Apr-23
		U-2	660	Sep-23	Sep-23
17	Buxar TPP	U-1	660	Jul-23	Jul-23
		U-2	660	Jan-24	Jan-24
STATE SECTOR					
1	Dr.Narla Tata Rao TPS St-V	U-1	800	Jun-19	Nov-20
2	Sri Damodaran Sanjeevaiah TPP St-II	U-1	800	Mar-19	Dec-20
3	Suratgarh SCTPP	U-8	660	Dec-16	Dec-20
4	Bhadradri TPP	U-2	270	May-17	Oct-20
		U-3	270	Jul-17	Jan-21
		U-4	270	Sep-17	Jun-21

.....2.

5	Ennore Exp. SCTPP	U-1	660	Jan-18	Dec-23
6	Ennore SCTPP	U-1	660	Jan-18	Aug-21
		U-2	660	Mar-18	Nov-21
7	North Chennai TPP	U-1	800	Mar-19	Jan-21
8	Uppur Super Critical TPP	U-1	800	Mar-19	Mar-23
		U-2	800	Oct-19	Sep-23
9	Harduaganj TPS Exp-	U-1	660	Jun-19	Apr-21
10	Yelahanka CCPP	GT+ST	370	Mar-18	Nov-20
11	Jawaharpur STPP	U-1	660	Sep-20	Feb-22
		U-2	660	Jan-21	Aug-22
12	Obra-C STPP	U-1	660	Sep-20	Jun-21
		U-2	660	Dec-20	Nov-21
13	Yadadri TPS	U-1	800	Sep-20	Oct-22
		U-2	800	Sep-20	Oct-22
		U-3	800	Mar-21	Jun-23
		U-4	800	Mar-21	Jun-23
		U-5	800	Sep-21	Oct-23
14	Panki TPS Extn.	U-1	660	Jan-22	Jan-22
15	Udangudi STPP Stage I	U-1	660	Feb-21	Mar-23
		U-2	660	Feb-21	Sep-23
16	Bhusawal TPS	U-6	660	Nov-21	Jun-22
PRIVATE SECTOR					
1	Bhavanapadu TPP Ph-I	U-1	660	Oct-13	Uncertain
		U-2	660	Mar-14	Uncertain
2	Thamminapatnam TPP stage -II	U-3	350	May-12	Stressed
		U-4	350	Aug-12	Stressed
3	Akaltara TPP (Naiyara)	U-4	600	Apr-13	Stressed
		U-5	600	Aug-13	Uncertain
		U-6	600	Dec-13	Uncertain
4	Siriya TPP	U-1	660	Aug-14	Uncertain
		U-2	660	Dec-14	Uncertain
		U-3	660	Apr-15	Uncertain
		U-4	660	Aug-15	Uncertain
5	Binjkote TPP	U-3	300	Mar-14	Uncertain
		U-4	300	Jun-14	Uncertain
6	LancoAmarkantak TPP-II	U-3	660	Jan-12	Uncertain
		U-4	660	Mar-12	Uncertain
7	Singhitarai TPP	U-1	600	Nov-14	Uncertain
		U-2	600	Feb-15	Uncertain
8	Salora TPP	U-2	135	Sep-11	Uncertain
9	Deveri (Visa) TPP	U-1	600	Aug-13	Uncertain
10	MatrishriUsha TPP Ph-I	U-1	270	Apr-12	Uncertain
		U-2	270	May-12	Uncertain
11	MatrishriUsha TPP Ph-II	U-3	270	Oct-12	Uncertain
		U-4	270	Jan-13	Uncertain
12	Tori TPP Ph-I	U-1	600	Jul-12	Uncertain
		U-2	600	Sep-12	Uncertain
13	Tori TPP Ph-II	U-3	600	Dec-15	Uncertain

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14	Amravati TPP Ph-II	U-1	270	Jul-14	Uncertain
		U-2	270	Sep-14	Uncertain
		U-3	270	Nov-14	Uncertain
		U-4	270	Jan-15	Uncertain
		U-5	270	Mar-15	Uncertain
15	LancoVidarbha TPP	U-1	660	Jul-14	Uncertain
		U-2	660	Nov-14	Uncertain
16	Nasik TPP Ph-II	U-1	270	Apr-13	Uncertain
		U-2	270	Jun-13	Uncertain
		U-3	270	Aug-13	Uncertain
		U-4	270	Oct-13	Uncertain
		U-5	270	Dec-13	Uncertain
17	BijoraGhanmukh TPP	U-1	300	Dec-16	Uncertain
		U-2	300	Mar-17	Uncertain
18	Shirpur TPP	U-2	150	Apr-15	Uncertain
19	Gorgi TPP	U-1	660	Jun-13	Uncertain
20	IndBarath TPP (Odisha)	U-2	350	Dec-11	Uncertain
21	KVK Nilanchal TPP	U-1	350	Dec-11	Uncertain
		U-2	350	Feb-12	Uncertain
		U-3	350	Feb-12	Uncertain
22	LancoBabandh TPP	U-1	660	Apr-13	Uncertain
		U-2	660	Aug-13	Uncertain
23	Malibrahmani TPP	U-1	525	Dec-12	Uncertain
		U-2	525	Feb-13	Uncertain
24	Tuticorin TPP	U-1	660	May-12	Uncertain
25	Tuticorin TPP St-IV	U-1	525	Sep-18	Jan-21
26	Hiranmaye Energy Ltd	U-3	150	May-16	Uncertain

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ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1998 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Ongoing Solar Projects under SECI

Sl. No.	Name of Scheme	Capacity (MW)	Date of LoA
Projects under 5000 MW VGF Scheme, National Solar Mission (NSM)			
1	Kadapa Solar Park, A.P.	750	30.08.2018
Projects under Standard Bidding Guidelines, National Solar Mission (NSM)			
2	ISTS (Tranche-I)	1950	27.07.2018
3	ISTS (Tranche-II)	600	10.08.2018
4	Rajasthan, STU Connected (Tranche-I)	750	02.03.2019
5	Floating Solar, Rihand Dam, U.P.	150	05.09.2019
6	ISTS (Tranche-III)	1200	01.03.2019
7	ISTS (Tranche-IV)	1150	25.07.2019
8	CPSU Scheme Ph-II (Tranche-I)	922	28.09.2019
9	Rajasthan, STU Connected (Tranche-II)	680	16.09.2019
10	ISTS with Manufacturing (Ph-II)	12000	10.12.2019, 08.06.2020, 23.07.2020
11	ISTS (Tranche-V)	480	28.09.2019
12	ISTS (Tranche-VI)	900	25.11.2019
13	CPSU Scheme Ph-II (Tranche-II)	1104	25.11.2019
14	ISTS (Tranche-VIII)	1200	06.04.2020
15	ISTS (Tranche-IX)	2000	15.07.2020

Details of capacity commissioned/under litigation is not included in the list

Ongoing Solar Projects of NHPC

I. Projects Awarded (Developer Mode):

Sl. No.	Project	Capacity Awarded (MW)	Capacity under implementation (MW)
1.	NHPC RfS	2000	2000

II. Projects Awarded (EPC Mode):

Sl. No.	Project	Capacity Awarded (MW)	Capacity under implementation (MW)
1.	Roof Top Solar Projects at various NHPC locations	1.59	1.59

III. Projects under Tendering (EPC Mode):

Sl. No.	Project Location	Capacity Tendered (MW)	Type	Status
1.	Odisha, Ganjan District	40	Central	Last date of bid submission is 21.09.2020
2.	West Kallada, Kerala	50	Central	Bids received and under evaluation

.....2.

Ongoing solar projects of NTPC

a) Details of NTPC's own ongoing Solar Projects

Sl. No.	Project Name	Capacity Awarded (MW)	Project Location
1	Bilhaur Solar PV project	140	Bilhaur
2	Bilhaur Solar PV project	85	Bilhaur
3	Auraiya Solar PV project	20	Auraiya
4	Ramagundam Floating Solar PV project	100	Ramagundam
5	Simhadri Floating Solar PV project	25	Simhadri
6	Kayamkulam Floating Solar PV project	22	Kayamkulam
7	Kayamkulam Floating Solar PV project	70	Kayamkulam
8	Jetsar Solar PV project	160	Jetsar, Rajasthan
9	Rihand Solar PV project	20	Rihand
10	Auraiya FloatingSolar PV project	20	Auraiya
11	Devikot Solar PV Power Project	150	Jaisalmer Rajasthan
12	Shimbhoo Ka Burj Solar PV Power Project	250	Bikaner Rajasthan
13	Nokhra Solar PV Power Project	300	Bikaner Rajasthan
14	Navalakkapatti Solar PV (Ettayapuram) Power Project	230	Ettayapuram Tamilnadu
15	Devikot Solar PV Power Project	90	Jaisalmer Rajasthan
16	Fatehgarh Solar PV Power Project	296	Jaisalmer Rajasthan
17	Sambu Ki burj Solar PV Power Project	300	Bikaner Rajasthan
18	Gandhar Solar PV Power Project	20	Gujarat
19	Kawas Solar PV Power Project	56	Kawas Gujarat

b) Details of NTPC's ongoing Solar Projects under Developer mode

Sl. No	Project Name	Capacity Awarded (MW)	Project location
1	Solar PV project	500	Annantpur (A.P.)
2	Solar PV Project Anywhere in India	300	Falodi, Dist-Jodhpur, Rajasthan
		300	Pokhran, Jaisalmer, Rajasthan
3	Solar PV Project Any where in India	300	Fatehgarh, Jaisalmer, Rajasthan

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ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (d) OF UNSTARRED QUESTION NO. 1998 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Under construction/ongoing Wind Power Projects

Sl. No.	Project	Capacity Awarded (MW)	Capacity under implementation (MW)
1.	SECI Tranche – I	1049.9	0.0*
2.	SECI Tranche – II	1000	315.5
3.	SECI Tranche – III	2000	1511.2
4.	SECI Tranche – IV	2000	2000
5.	TANGEDCO bid, Tamil Nadu	450	400.5
6.	GUVNL bid, Gujarat	500	36.5
7.	MSEDCL bid, Maharashtra	500	223
8.	SECI Tranche – V	1190	1190
9.	NTPC bid	200	200
10.	SECI Tranche – VI	1200	1200
11.	SECI Tranche – VII	480	480
12.	GUVNL bid Ph.-II, Gujarat 2019)	202.6	202.6
13.	SECI Tranche – VIII	440	440
	Total	11212.5	8199.3

*Project of 50 MW capacity cancelled

Ongoing ISTS-connected Wind Projects under SECI's tenders

Sl. No.	Tranche	Capacity (MW)	Date of LoA
1	Tranche II	315.5	03/11/2017
2	Tranche-III	1511.2	23/02/2018
3	Tranche-IV	2000	01/06/2018
4	Tranche-V	1190	24/10/2018
5	Tranche-VI	1200	17/06/2019
6	Tranche-VII	480	19/06/2019
7	Tranche-VIII	440.8	28/09/2019

Details of commissioned/cancelled capacity is not included in the list

Ongoing Wind-Solar Hybrid Projects under SECI's Tenders

Sl. No.	Name of Scheme	Capacity (MW)	Date of LoA
1	Tranche-I	840	25/01/2019
2	Tranche-II	600	18/06/2019
	Ongoing 1200MW ISTS-connected with assured peak power supply under SECI's tenders		
1	1200MW ISTS-connected with assured peak power supply in India ISTS-VII	1200	26/02/2020
	Ongoing 400 MW "Round the Clock Power"		
1	400 MW "Round the clock Power"	400	04/06/2020

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2000
ANSWERED ON 22.09.2020

DEPENDENCE ON THERMAL POWER

2000. SHRI NISITH PRAMANIK:

Will the Minister of POWER be pleased to state:

(a) whether the dependence on thermal power has reduced over the years keeping in view our commitment to sustainable development goals; and

(b) if so, the details thereof?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b) : The generation from thermal power plants (Fossil fuel based) depends on a number of factors such as total energy demand, flexibility in operation, generation from other non-fossil fuel sources like hydro, nuclear, renewable etc. As per the data available from Central Electricity Authority (CEA), the percentage of generation from thermal power plants (Fossil fuel based) in the country has reduced over the years and the share of non-fossil power has gradually increased over the years due to major thrust on renewable power. The detail for power generation during the period from 2015-16 to 2019-20 and 2020-21 (up to August 2020) for the Fossil fuel and Non fossil Fuel is given as under.

	Total thermal/fossil power generation	Share of thermal/ fossil power in Total Generation	Total Non-Fossil power generation	Share of Non-Fossil power in Total Generation
Year/Unit	Million Units (MU)	(%)	(MU)	(%)
2015-16	9,43,788	80.4%	2,29,815	19.6%
2016-17	9,94,230	80.1%	2,47,459	19.9%
2017-18	10,37,059	79.3%	2,71,087	20.7%
2018-19	10,72,224	77.9%	3,03,872	22.1%
2019-20	10,42,748	75.1%	3,46,373	24.9%
2020-21 (Upto Aug.)	3,87,177	69.7%	1,68,149	30.3%

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2006
ANSWERED ON 22.09.2020

STATUS OF NTPC PLANT IN UTTAR PRADESH

†2006. SHRI ASHOK KUMAR RAWAT:

Will the Minister of POWER
be pleased to state:

(a) the details of the proposed locations at which plants of National Thermal Power Corporation(NTPC)Limited are to be set up in Uttar Pradesh, district-wise;

(b) the status of construction of the plants alongwith the expenditure to be incurred thereon;

(c) whether arrangements of land for the construction of plants have been made and if so, the rate at which the farmers have been compensated;

(d) the time by which the construction work of the said plants is likely to be completed;

(e) the quantum of power to be generated from these plants, plant-wise;

(f) whether any provision has been made to supply power at cheaper rates to the affected villagers of the area and if so, the details thereof; and

(g) the steps taken by the Government to provide employment to each member of the affected farmers whose land has been acquired to set up these plants?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b) : NTPC Limited projects which are under construction in Uttar Pradesh are as follows:

S. No.	Project	District	Investment Approval Cost (Rs. Crore)
1.	Tanda-II- 2x660 MW (Coal)	Ambedkar Nagar	9188.98*

.....2.

2.	Bilhaur-I-140 MW (Solar)	Kanpur Nagar	635.55
3.	Bilhaur-II-85 MW (Solar)	Kanpur Nagar	442.58
4.	Auraiya Ground Solar-20 MW	Auraiya	92.06
5.	Auraiya Floating Solar-20 MW	Auraiya	100.30
6.	Rihand Solar-20 MW	Sonbhadra	98.75
7.	Meja(JV)# -2x 660 MW (Coal)	Allahabad	9751.00*

***including unit-1 which is already commissioned.**

#Joint Venture (JV) with Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL)

(c) : (i) The land for Meja, Tanda-II and Bilhaur-I&II projects, have already been acquired by the State Government.

(ii) Auraiya (Ground & Floating) Solar and Rihand Solar Projects are planned on existing land which was acquired for Auraiya Gas and Rihand (coal based) Power Project. No new land has been acquired.

(iii) The rate of land compensation is decided by the State Government as per the provisions of the extant Land Acquisition Act. The amount of land compensation, as decided by the State Government, has been paid by NTPC to the District Administration for further disbursement to the farmers.

(d) & (e) :

Sl. No.	Project	Anticipated Project Commissioning Schedule
1.	Tanda-II (660 MW, Unit 2)	2020-21
2.	Bilhaur-I Solar (140 MW)	2020-21
3.	Bilhaur-II Solar (85 MW)	2021-22
4.	Auraiya Ground Solar (20 MW)	2020-21
5.	Auraiya Floating Solar (20 MW)	2021-22
6.	Rihand Solar (20 MW)	2021-22
7.	Meja(JV) (660 MW, Unit 2)	2020-21

(f) & (g) : The power from the project, is supplied to the consumers at the tariff rates decided by the Appropriate Regulatory Commission. Since NTPC Limited has state of the art technology in its plants which are mostly automated, direct job opportunities in NTPC are limited. However, NTPC gives preference to the project affected persons in providing employment, subject to the availability of vacancies and their suitability.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2021
ANSWERED ON 22.09.2020

DELAY IN COMPLETION OF POWER PROJECTS

2021. SHRIMATI SARMISTHA SETHI:

Will the Minister of POWER be pleased to state:

(a) whether the Government is aware of the delay in completion of several power projects due to the Covid-19 lockdown;

(b) if so, the details regarding pendency of completion of such power projects, State-wise; and

(c) the steps taken by the Government to expedite the completion of such pending projects?

A N S W E R

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

(SHRI R.K. SINGH)

(a) to (c) : Almost all construction activities have been affected at project sites due to Covid-19 lockdown, which has resulted in delay in completion schedule of Power Projects.

The details of under construction thermal and hydro power projects along with their anticipated completion schedule are given at Annexure-I and Annexure-II respectively. Further, the list of Transmission projects under Regulated Tariff Mechanism (RTM) and Tariff Based Competitive Bidding (TBCB) under Inter-State Transmission System (ISTS) category, that have been delayed is enclosed as Annexure-III & Annexure-IV respectively. The detailed status of these projects is available at CEA website (www.cea.nic.in under Transmission Reports of PSPM Division, CEA/TBCB & Inter State Transmission report).

Government have advised the State authorities to ensure that no restrictions are imposed on construction activities in power plants and to ensure smooth operation and functioning of inter-state and intra-state transmission network in the country. It has also advised for allowing intra-state and inter-state movement of construction material, equipment, spares, consumables, etc. for power projects.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2021 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Details of Under Construction Thermal Power Projects in the country

Sl. No.	Project Name	State	Unit No.	Capacity (MW)	Anticipated Trial Run Schedule/ Commercial Operation Date
CENTRAL SECTOR					
1	Barh STPP-I	*Bihar*	U-1	660	Dec-20
			U-2	660	Sep-21
			U-3	660	Apr-22
2	Nabi Nagar TPP	*Bihar*	U-4	250	Feb-21
3	New Nabi Nagar TPP	*Bihar*	U-2	660	Jan-21
			U-3	660	Aug-21
4	North Karanpura STPP	*Jharkhand*	U-1	660	Oct-21
			U-2	660	Apr-22
			U-3	660	Oct-22
5	Gadarwara STPP	*Madhya Pradesh*	U-2	800	Oct-20
6	Darlipalli STPP	*Odisha*	U-2	800	Feb-21
7	Neyveli New TPP	*TN*	U-2	500	Oct-20
8	Telangana STPP St- I	Telangana	U-1	800	Oct-21
			U-2	800	Mar-22
9	Meja STPP	*Uttar Pradesh*	U-2	660	Oct-20
10	Tanda TPP St II	*Uttar Pradesh*	U-6	660	Mar-21
11	Ghatampur TPP	*Uttar Pradesh*	U-1	660	Apr-21
			U-2	660	Oct-21
			U-3	660	Mar-22
12	Barsingar TPP ext	Rajasthan	U-1	250	Hold
13	Bithnok TPP	Rajasthan	U-1	250	Hold
14	Patratu STPP	*Jharkand*	U-1	800	Sep-22
			U-2	800	Mar-23
			U-3	800	Sep-23
15	Rourkela PP-II Expansion	*Odisha*	U-1	250	Apr-21
16	Khurja SCTPP	*Uttar Pradesh*	U-1	660	Apr-23
			U-2	660	Sep-23
17	Buxar TPP	*Bihar*	U-1	660	Jul-23
			U-2	660	Jan-24
STATE SECTOR					
1	Dr.Narla Tata Rao TPS St-V	*Andhra Pradesh*	U-1	800	Nov-20
2	Sri Damodaran Sanjeevaiah TPP St-II	*Andhra Pradesh*	U-1	800	Dec-20
3	Suratgarh SCTPP	*Rajasthan*	U-8	660	Dec-20
4	Bhadradri TPP	*Telangana*	U-2	270	Oct-20
			U-3	270	Jan-21
			U-4	270	Jun-21

5	Ennore exp. SCTPP (Lanco)	*Tamil Nadu*	U-1	660	Dec-23
6	Ennore SCTPP	*Tamil Nadu*	U-1	660	Aug-21
			U-2	660	Nov-21
7	North Chennai TPP St-III	*Tamil Nadu*	U-1	800	Jan-21
8	Uppur Super Critical TPP	*Tamil Nadu*	U-1	800	Mar-23
			U-2	800	Sep-23
9	Harduaganj TPS Exp-II	*Uttar Pradesh*	U-1	660	Apr-21
10	Yelahanka CCPP	*Karnataka*	GT+ST	370	Nov-20
11	Jawaharpur STPP	*Uttar Pradesh*	U-1	660	Feb-22
			U-2	660	Aug-22
12	Obra-C STPP	*Uttar Pradesh*	U-1	660	Jun-21
			U-2	660	Nov-21
13	Yadadri TPS	*Telangana*	U-1	800	Oct-22
			U-2	800	Oct-22
			U-3	800	Jun-23
			U-4	800	Jun-23
			U-5	800	Oct-23
14	Panki TPS Extn.	*Uttar Pradesh*	U-1	660	Jan-22
15	Udangudi STPP Stage I	*Tamil Nadu*	U-1	660	Mar-23
			U-2	660	Sep-23
16	Bhusawal TPS	*Maharashtra*	U-6	660	Jun-22
PRIVATE SECTOR					
1	Bhavanapadu TPP Ph-I	*Andhra Pradesh*	U-1	660	Uncertain*
			U-2	660	Uncertain*
2	Thamminapatnam TPP stage -II	*Andhra Pradesh*	U-3	350	Uncertain*
			U-4	350	Uncertain*
3	Akaltara TPP (Naiyara)	*Chhattisgarh*	U-4	600	Uncertain*
			U-5	600	Uncertain*
			U-6	600	Uncertain*
4	Siriya TPP (Jas Infra. TPP)	Bihar	U-1	660	Uncertain*
			U-2	660	Uncertain*
			U-3	660	Uncertain*
			U-4	660	Uncertain*
5	Binjkote TPP	*Chhattisgarh*	U-3	300	Uncertain*
			U-4	300	Uncertain*
6	LancoAmarkantak TPP-II	*Chhattisgarh*	U-3	660	Uncertain*
			U-4	660	Uncertain*
7	Singhitarai TPP	*Chhattisgarh*	U-1	600	Uncertain*
			U-2	600	Uncertain*
8	Salora TPP	*Chhattisgarh*	U-2	135	Uncertain*
9	Deveri (Visa) TPP	*Chhattisgarh*	U-1	600	Uncertain*
10	MatrishriUsha TPP Ph-I	*Jharkhand*	U-1	270	Uncertain*
			U-2	270	Uncertain*
11	MatrishriUsha TPP Ph-II	*Jharkhand*	U-3	270	Uncertain*
			U-4	270	Uncertain*
12	Tori TPP Ph-I	*Jharkhand*	U-1	600	Uncertain*
			U-2	600	Uncertain*

13	Tori TPP Ph-II	*Jharkhand*	U-3	600	Uncertain*
14	Amravati TPP Ph-II	*Maharashtra*	U-1	270	Uncertain*
			U-2	270	Uncertain*
			U-3	270	Uncertain*
			U-4	270	Uncertain*
			U-5	270	Uncertain*
15	LancoVidarbha TPP	*Maharashtra*	U-1	660	Uncertain*
			U-2	660	Uncertain*
16	Nasik TPP Ph-II	*Maharashtra*	U-1	270	Uncertain*
			U-2	270	Uncertain*
			U-3	270	Uncertain*
			U-4	270	Uncertain*
			U-5	270	Uncertain*
17	BijoraGhanmukh TPP	*Maharashtra*	U-1	300	Uncertain*
			U-2	300	Uncertain*
18	Shirpur TPP	*Maharashtra*	U-2	150	Uncertain*
19	Gorgi TPP	*Madhya Pradesh*	U-1	660	Uncertain*
20	IndBarath TPP (Odisha)	*Odisha*	U-2	350	Uncertain*
21	KVK Nilanchal TPP	*Odisha*	U-1	350	Uncertain*
			U-2	350	Uncertain*
			U-3	350	Uncertain*
22	LancoBabandh TPP	*Odisha*	U-1	660	Uncertain*
			U-2	660	Uncertain*
23	Malibrahmani TPP	*Odisha*	U-1	525	Uncertain*
			U-2	525	Uncertain*
24	Tuticorin TPP (Ind-Barath)	*Tamil Nadu*	U-1	660	Uncertain*
25	Tuticorin TPP St-IV	*Tamil Nadu*	U-1	525	Jan-21
26	Hiranmaye Energy Ltd	*West Bengal*	U-3	150	Uncertain*

*** Uncertain - construction activities stopped due to other reasons like financial stress and non availability of PPAs.**

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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2021 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Details of Under Construction Hydro Power Projects in the country (Above 25 MW)

Sl. No	Project Name	State	Unit No.	Capacity (MW)	Anticipated Commissioning Schedule
1	2	3	4	5	6
CENTRAL SECTOR					
1	TapovanVishnughad (4x130 = 520 MW)	UttaraKhand	1 2 3 4	130 130 130 130	2022-23 2022-23 2022-23 2022-23 (Jun'22)
2	LataTapovan (3x57 = 171 MW)	Uttarakhand	1 2 3	57 57 57	2025-26 2025-26 2025-26 (subject to re-start of works)
3	Rammam-III (3x40= 120 MW)	West Bengal	1 2 3	40 40 40	2023-24 2023-24 2023-24 (Jun,23)
4	Kameng (4x150 = 600 MW) 2 units taken in operation	Central	3 4	150 150	2020-21 2020-21 (Dec'20)
5	TehriPSS (4x250 = 1000 MW)	Uttarakhand	1 2 3 4	250 250 250 250	2022-23 2022-23 2022-23 2022-23 (Dec'22)
6	Parbati - II (4x200 = 800 MW)	Himachal Pradesh	1 2 3 4	200 200 200 200	2022-23 2022-23 2022-23 2022-23 (Jun,22)
7	Subansiri Lower (8x250 = 2000 MW)	Arunachal Pradesh/ Assam	1 2 3 4 5 6 7 8	250 250 250 250 250 250 250 250	2024-25 2024-25 2024-25 2024-25 2024-25 2024-25 2024-25 2024-25 (Aug'24)
8	Teesta Stage VI (4x125 = 500 MW) Lanco Teesta Hydro Power Ltd. (LTHPL) (Project taken over by NHPC w.e.f. 08.03.2019)	Sikkim	1 2 3 4	125 125 125 125	2024-25 2024-25 2024-25 2024-25 (subject to re-start of works)

9	Vishnugad Pipalkoti (4x111 = 444 MW)	Uttarakhand	1 2 3 4	111 111 111 111	2023-24 2023-24 2023-24 2023-24 (Jun'23)
10	PakalDul (4x250= 1000 MW)	Jammu & Kashmir	1 2 3 4	250 250 250 250	2025-26 2025-26 2025-26 2025-26 (Dec'25)
11	Ratle (4x205+1x30) = 850 MW	Jammu &Kashmir	1 2 3 4 5	205 205 205 205 30	2025-26 2025-26 2025-26 2025-26 2025-26 (subject to re-start of works)
12	Naitwar Mori (2x30=60 MW	Uttarakhand	1 2	30 30	2022-23 2022-23 (Dec,22)
13	Kiru (4x156=624 MW)	Jammu & Kashmir	1 2 3 4	156 156 156 156	2024-25 2024-25 2024-25 2024-25
STATE SECTOR					
14	Parnai 3x12.5= 37.5 MW	Jammu & Kashmir	1 2 3	12.5 12.5 12.5	2022-23 2022-23 2022-23 (Mar,23)
15	Lower Kalnai 2x24= 48 MW	Jammu & Kashmir	1 2	24 24	2025-26 2025-26 (subject to re-start of works)
16	Uhl-III (3x33.33 = 100 MW)	Himachal Pradesh	1 2 3	33.33 33.33 33.33	2021-22 2021-22 2021-22 (Jun,21)
17	SawraKuddu (3x37 =111MW)	Himachal Pradesh	1 2 3	37 37 37	2020-21 2020-21 2020-21 (Dec,20)
18	ShongtomKarcham (3x150 = 450 MW)	Himachal Pradesh	1 2 3	150 150 150	2024-25 2024-25 2024-25 (Mar,25)
19	Pallivasal 2x30 = 60 MW	Kerala	1 2	30 30	2022-23 2022-23 (Dec,22)
20	Thottiyar (1x30+1x10)= 40MW	Kerala	1 2	30 10	2021-22 2021-22 (Mar'22)

21	Shahpurkandi 3x33+3x33+1x8 =206 MW	Punjab	1 2 3 4 5 6 7	33 33 33 33 33 33 8	2022-23 2022-23 2022-23 2022-23 2022-23 2022-23 2022-23 (Mar, 23)
22	Koyna Left Bank PSS 2x40 = 80 MW	Maharashtra	1 2	40 40	2025-26 (subject to re-start of works)
23	Vyasi 2x60=120 MW,	Uttarakhand	1 2	60 60	2021-22 2021-22 (Sept,21)
24	Polavaram (12x80 = 960 MW)	Andhra Pradesh	1 2 3 4 5 6 7 8 9 10 11 12	80 80 80 80 80 80 80 80 80 80 80 80	2023-24 2023-24 2023-24 2023-24 2023-24 2023-24 2024-25 2024-25 2024-25 2024-25 2024-25 2024-25 (Mar,25) (subject to re-start of works)
25	Kundah PSP (Phase-I, Phase-II & Phase-III) (4x125=500 MW)	Tamil Nadu	1 2 3 4	125 125 125 125	2023-24 2023-24 2023-24 2023-24
PRIVATE SECTOR					
26	Tidong-I 2x50 =100 MW	Himachal Pradesh	1 2	50 50	2022-23 2022-23 (Jun 22)
27	Tangnu Romai-I (2x22 = 44 MW)	Himachal Pradesh	1 2	22 22	2024-25 2024-25 (subject to re-start of works)
28	Sorang (2x50 = 100 MW),	Himachal Pradesh	1 2	50 50	2021-22 2021-22 (Dec'21)
29	Singoli Bhatwari (3x33 = 99 MW)	Uttarakhand	1 2 3	33 33 33	2020-21 2020-21 2020-21 (Dec,20)
30	PhataByung (2x38 = 76 MW),	Uttarakhand	1 2	38 38	2023-24 2023-24 (subject to re-start of works)

31	Maheshwar (10x40 = 400 MW)	Madhya Pradesh	1 2 3 4 5 6 7 8 9 10	40 40 40 40 40 40 40 40 40 40	2023-24 2023-24 2023-24 2023-24 2023-24 2023-24 2023-24 2023-24 2023-24 2023-24 (subject to re-start of works)
32	Rangit-IV HE Project (3X40 = 120 MW)	Sikkim	1 2 3	40 40 40	2025-26 2025-26 2025-26 (subject to re-start of works)
33	Bhasmey (2x25.5 =51 MW)	Sikkim	1 2	25.5 25.5	2024-25 2024-25 (subject to re-start of works)
34	Rongnichu (2x48 =96 MW)	Sikkim	1 2	48 48	2020-21 2020-21 (Mar,21)
35	Bajoli Holi 3x60= 180 MW	Himachal Pradesh	1 2 3	60 60 60	2021-22 2021-22 2021-22 (Dec,21)
36	Rangit-II 2x33= 66 MW	Sikkim	1 2	33 33	2024-25 2024-25 (subject to re-start of works)
37	Panan 4x75= 300 MW	Sikkim	1 2 3 4	75 75 75 75	2025-26 2025-26 2025-26 2025-26 (subject to re-start of works)
38	Kutehr 3x80=240 MW	Himachal Pradesh	1 2 3	80 80 80	2025-26 2025-26 2025-26 (Nov'25)

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ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2021 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Regulated Tariff Mechanism (RTM) Projects

Sl. No.	Name of the Transmission line	Executing Agency
1.0	**MULTI REGIONAL SYSTEMS**	
1	North East / Northern Western Interconnector -I Project	PGCIL
	Part-A : North East - Northern/ Western Interconnector -I	
	Part-B : Transmission System for immediate evacuation of Power from Kameng HEP	
	Part-C : Transmission System for immediate evacuation of Power from Lower Subhansiri HEP	
2	Transmission System Strengthening in Indian System for Transfer of Power from Mangdechhu Hydroelectric Proj, in BHUTAN.	PGCIL
3	HVDC Bipole link between Western Region (Raigarh, Chhattisgarh) and Southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-I : Raigarh-Pugalur 6000 MW HVDC System	PGCIL
2.0	**NORTHERN REGION**	
4	Transmission System associated with Tehri Pump Storage Plant (PSP)	PGCIL
5	Creation of 400/220KV S/Stn. in NCT of Delhi during 12th Plan Period (Part-A)	PGCIL
6	Northern Region System Strengthening Scheme - XXXV	PGCIL
7	Establishment of 220/22KV GIS at UT Chandigarh along with 220KV D/C line from Chandigarh GIS to 400/220KV Panchkula (PG) Sub station.	PGCIL
8	System Strengthening Scheme in Northern Region - XXXVII	PGCIL
9	Transmission System for Solar Energy Zones in Rajasthan	PGCIL
3.0	**WESTERN REGION**	
10	Transmission System Associated with Mundra Ultra Mega Power Proj.	PGCIL
	Part-A - Tr. System of Mundra (UMPP)	
	Part-B - Regional System Strengtheing in WR for Mundra (UMPP)	
11	Transmission System for Ultra Mega Solar Power Park at Banaskantha (Radhanesda) Gujarat.	PGCIL
12	Western Region System Strengthening Scheme- XXII	PGCIL
4.0	**SOUTHERN REGION**	
13	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase-II (Part.-A)	PGCIL
14	HVDC Bipole link between Western Region (Raigarh, Chhattisgarh) and Southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-III : Pugalur - Trichur 2000 MW VSC based HVDC System	PGCIL
15	Transmission System for evacution of power from Neyveli Lignite Corp. Ltd. TS-1 (Replacement) (NNTPS) in Neyveli, Tamil Nadu.	PGCIL
16	Transmission System for Ultra mega Solar Park at Tumkur (Pavagada) Karnataka - Phase-II (Part.-B)	PGCIL
17	HVDC Bipole link between Western Region (Raigarh, Chhattisgarh) and Southern Region (Pugalur, TM) - North Trichur (Kerala) - Scheme-II : AC System Strengthening at Pugalur end.	PGCIL
5.0	**EASTERN REGION**	
18	Eastern Region Strengthening Scheme-V	PGCIL
19	Eastern Region Strengthening Scheme-XV	PGCIL
20	Eastern Region Strengthening Scheme-XVII (Part-B)	PGCIL
21	400KV D/C Baharampur (PG) - Bheramera (B'desh) line (IInd Ckt) - India portion	PGCIL
22	Eastern Region Strengthening Scheme - XX	PGCIL
23	TS for transfer of Power from Gen. Proj. in Sikkim to NR/WR (Part-B1)	PGCIL
24	Eastern Region Strengthening Scheme - XXIII	PGCIL
	NORTH EASTERN REGION	
25	PG works associated with North Eastern Region Strengthening Scheme -V	PGCIL
26	PG works associated with North Eastern Region Strengthening Scheme - VI	PGCIL

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ANNEXURE-IV

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2021 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Tariff Based Competitive Bidding (TCBC) Projects

Sl. No	Transmission project	Special Purpose Vehicle (SPV)/ Bid Process Coordinator (BPC)	Parent Company/ Progress Status
1.	765 kV System Strengthening Scheme in Eastern Region. ERSS-XVIII	Medinipur-Jeerat Transmission Limited / PFC	PGCIL /Under Construction
2.	System Strengthening Scheme in Eastern Region ERSS XXI	ERSS XXI Transmission Limited/REC	PGCIL / Under Construction
3.	New WR-NR 765 kV Inter- Regional Corridor	WR-NR Power Transmission Limited / REC	PGCIL / Under Construction
4.	Transmission system associated with LTA applications from Rajasthan SEZ Part-C	Powergrid Khetri	PGCIL / Under Construction
5.	Transmission system associated with LTA applications from Rajasthan SEZ Part-A	Ajmer Phagi Transco Limited/REC	PGCIL / Under Construction
6.	Transmission system associated with LTA applications from Rajasthan SEZ Part-B	Fatehgarh-II Transco Limited/PFC	PGCIL / Under Construction
7.	Transmission System for providing connectivity to RE Projects at Bhuj-II (2000 MW) in Gujarat	Bhuj-II Transmission Limited/PFC	PGCIL / Under Construction
8.	Connectivity system for Khargone TPP (2x660MW)	Khargone Transmission Limited / REC	Sterilite Power TL / Under Construction
9.	NER System Strengthening Scheme II	NER II Transmission Limited / REC	Sterlite Power TL / Under Construction
10.	Additional 400kV Feed to Goa and Additional System for Power Evacuation from Generation Projects pooled at Raigarh (Tamnar) Pool	Goa-Tamnar Transmission Project Limited/PFC	Sterlite Power TL / Under Construction
11.	Establish Transmission System for 400 kV Udupi (UPCL) – Kasargode D/C Line	Udupi Kasargode Transmission Limited./REC	Sterlite Power TL / Under Construction
12.	Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS-IX)	Sterlite Grid 13 Limited(A Subsidiary of Sterlite Power Trans. Limited)/PFC	Sterlite Power TL / Under Construction
13.	WRSS – 21 Part – B – Trasnsmission System Strengthening for Relieving Over Loadings Observed in Gujarat Intra-State System Due to Re-injections in Bhuj PS	Sterlite Grid 18 Limited(A Subsidiary of Sterlite Power Trans. Limited)/PFC	Sterlite Power TL / Under Construction
14.	Additional inter regional AC link for import into southern region i.e Warora-Warangal and Chilakaluripeta – Hyderabad – Kurnool 765 kV link	Warora Kurnool Transmission Ltd. / PFC	Essel Infra / Under construction

15.	**System strengthening in northern region (NRSS XXXVI) along with LILO of Sikar-Neemrana 400 kV D/C line at Babai(RVPNL)**	**NRSS XXXVI transmission Ltd. / REC**	**Essel Infra / Under construction**
16.	**Immediate evacuation for North Karanpura (3x660MW) generation project of NTPC(ERSS XIX)**	**North Karanpura Transco Ltd / REC**	**Adani TL / Under Construction**
17.	**Transmission System for Ultra Mega Solar Park in Fatehgarh, Distt. Jaisalmer Rajasthan**	**Fatehgarh-Bhadla Transmission Limited/PFC**	**Adani TL / Under Construction**
18.	**Transmission System Associated with LTA applications from Rajasthan SEZ Part-D**	**Bikaner-Khetri Transmission Limited./PFC**	**Adani TL / Under Construction**
19.	**Transmission System for Western Region Strengthening Scheme – 21 (WRSS – 21) Part – A – Trasnsmission System Strengthening for Relieving Over Loadings Observed in Gujarat Intra-State System Due to Re-injections in Bhuj PS**	**WRSS XXI(A) Transco Limited./REC**	**Adani TL / Under Construction**
20.	**Transmission System for Transmission System Associated with RE Generations at Bhuj-II, Dwarka & Lakadia**	**Lakadia Banaskantha Transco Limited/REC**	**Adani TL / Under Construction**
21.	**Transmission System for Jam Khambaliya Pooling Station and Interconnection of Jam Khambaliya Pooling Station for Providing Connectivity to RE Projects (1500 MW) in Dwarka (Gujarat) and Installation of 400/220 kV ICT along with Associated Bays at CGPL Switchyard**	**Jam Khambaliya Transco Limited./REC**	**Adani TL / Under Construction**
22.	**North Eastern Region Strengthening Scheme (NERSS-VI)**	**Kohima-Mairani Transmission Limited / PFC**	**Kalpataru / Under Construction**

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2040
ANSWERED ON 22.09.2020

POWER GENERATION AND TRANSMISSION COMPANIES

2040. SHRI TALARI RANGAIAH:
SHRI MAGUNTA SREENIVASULU REDDY:
SHRI SRIDHAR KOTAGIRI:
SHRI CHANDRA SEKHAR BELLANA:
SHRI POCHA BRAHMANANDA REDDY:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has advised power generation companies (gencos) and transmission companies (transcos) to cap the late payment surcharge charged to distribution companies at a simple interest rate of 12% per annum;

(b) if so, the details thereof;

(c) whether the Government has observed that while interest rates have softened in the country over the last few years, the applicable rate of late payment surcharge have remained high (up to 18% per annum);

(d) if so, the details thereof; and

(e) the measures taken/being taken by the Government to rectify the said anomaly?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b) : To alleviate the financial stress on the Discoms due to impact of Covid-19, the Government vide letter 20.08.2020 has advised the Generating Companies and Transmission Companies to charge Late Payment Surcharge (LPS) at a rate not exceeding 12% per annum for all payments made under the Liquidity Infusion Scheme through PFC and REC under Atmanirbhar Bharat.

.....2.

(c) & (d) : The interest rates in the country have softened over the last few years. While the rate of LPS for generating and transmission companies regulated by CERC under CERC Tariff regulations is 18% per annum, the rates for other generating and transmission companies are as per provisions of PPA (Power Purchase Agreement) / TSA (Transmission Service Agreement) or the SERC regulations, which vary from PPA/TSA to PPA/TSA and State to State.

(e) : On directions of the Central Government, Central Electricity Regulatory Commission had reduced the rate of LPS applicable under the CERC Tariff Regulations to 12% per annum for the period from 24th March 2020 to 30th June 2020. Further as mentioned above, the Generating Companies and Transmission Companies have been advised to charge reduced rate of LPS for all payments made under the Atmanirbhar Bharat Liquidity Infusion Scheme.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2041
ANSWERED ON 22.09.2020

RELAXATION ON WORKING CAPITAL LOANS

2041. SHRI CHANDRA SEKHAR BELLANA:
SHRI MAGUNTA SREENIVASULU REDDY:
SHRI SRIDHAR KOTAGIRI:
SHRI POCHA BRAHMANANDA REDDY:

Will the Minister of POWER
be pleased to state:

(a) whether the Government has approved a one-time relaxation on the limit of working capital loans extended to State-owned distribution companies by the Power Finance Corporation and the Rural Electrification Corporation; and

(b) if so, the details thereof?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b): Yes, Sir. Government of India has approved a one-time relaxation to Power Finance Corporation (PFC) Ltd. and Rural Electrification Corporation (REC) Ltd. for extending loans to Power Distribution Companies (DISCOMs) above limits of working capital of 25% of last year's revenues imposed under Ujwal Discom Assurance Yojana (UDAY) to discharge their liabilities as existing on 30.06.2020 in favour of Central Public Sector Undertaking (CPSU) Generation (Genco) & Transmission Companies (Transcos), Independent Power Producers (IPPs) and Renewable Energy (RE) generators, with the proviso that these loans above the 25% limit will not be counted against the working capital limit imposed under UDAY till the loans are repaid.

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2059
ANSWERED ON 22.09.2020

COAL POWER PLANTS

2059. SHRI KOTHA PRABHAKAR REDDY:
SHRIMATI VANGA GEETHA VISWANATH:

Will the Minister of POWER
be pleased to state:

(a) whether the generation of electricity from coal power plants has fallen short during the last five years including pre and post COVID-19 situation;

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

(c) the corrective steps being taken in this regard?

A N S W E R

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

(SHRI R.K. SINGH)

(a) to (c) : The quantum of power generated from coal based power plants (of capacity 25 MW and above) during the last five years from 2015-16 to 2019-20 and the current year 2020-21 (up to August 2020) are given at Annexure-I. During the last five years, power generation from coal based power plants of 25 MW and above in India has been increasing except during the last year i.e. financial year 2019-20.

The quantum of power generated, month- wise, during and after the lockdown due to Covid-19 i.e. from April to August 2020 as compared to the corresponding months (April to August 2019) before Covid-19 are given at Annexure-II.

.....2.

The decrease in generation of power from coal based power plants this year is due to the impact of Covid-19. However, with gradual normalisation of activities during and post lockdown period, the demand and hence generation in August, 2020 was almost equal to that in the corresponding month last year. As the demand for power further increases, generation from coal based power plants would also increase.

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ANNEXURE–I

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2059 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Details of generation from coal based power plants during the last five years w.e.f. 2015-16 to 2019-20 and the current year 2020-21 (up to August 2020)

YEAR	Generation(in MU)
2015-16	862015.25
2016-17	910135.81
2017-18	951754.51
2018-19	987681.83
2019-20	961218.23
2020-21(till August*)	349772.87

*provisional

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ANNEXURE–II

ANNEXURE REFERRED TO IN REPLY TO PARTS (a) TO (c) OF UNSTARRED QUESTION NO. 2059 ANSWERED IN THE LOK SABHA ON 22.09.2020

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Details of month- wise coal based power generation after Covid-19 situation i.e. from April to August 2020 and during the same months (April to August 2019) before Covid-19

Sl. No.	Month/Year	April	May	June	July	August*
1	2020-21/After Covid-19	59122.28	69664.13	70142.52	78336.88	72507.06
2	2019-20/Before Covid-19	87568.3	91647.46	87387.03	80665.1	74306.37
3	% Last Year Same Period	67.52	76.01	80.27	97.11	97.58

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2060
ANSWERED ON 22.09.2020

SAUBHAGYA AND DDUGJY

2060. SHRI RAHUL KASWAN:

Will the Minister of POWER
be pleased to state:

(a) the details of the electrification done under Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya) during the last three years, State-wise including Rajasthan;

(b) the details of the funds allocated, released and expenditure incurred thereunder during the said period in Rajasthan, district-wise;

(c) the status of Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY);

(d) whether the said yojana has been discontinued in Rajasthan; and

(e) if so, the details thereof and the reasons therefor?

A N S W E R

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

(SHRI R.K. SINGH)

(a) : Government of India launched Pradhan Mantri Sahaj Bijli Har Ghar Yojana – Saubhagya in October, 2017 with the objective to achieve universal household electrification by providing electricity connections to all willing un-electrified households in rural areas and all willing poor households in urban areas in the country, by March, 2019. All States have declared electrification of all households on Saubhagya portal, except 18,734 households in Left Wing Extremists (LWE) affected areas of Chhattisgarh as on 31.03.2019. Subsequently, seven States reported that 19.09 lakh un-electrified households identified before 31.03.2019, which were earlier un-willing but have expressed willingness to get electricity connection. States have been asked to electrify these households under Saubhagya.

.....2.

As reported by the States, 2.77 crore households have been electrified since the launch of Saubhagya, up to 31.03.2020. The State-wise details are furnished at Annexure-I.

(b) : Under Saubhagya, funds are not allocated or released district-wise. Under this scheme, Government of India, based on the un-electrified household data submitted by the States, had sanctioned an amount of Rs.663.39 crore for the State of Rajasthan. Under the scheme cumulatively, Rs.179.34 crore has been disbursed, as grant, for the State of Rajasthan, since launch of the Saubhagya scheme up to 31.03.2020 and the State of Rajasthan has reported utilization of the amount released. The funds sanctioned, released and spent during the last three years in respect of Rajasthan are as under:-

(*Rupees in Crore*)

Sanctioned Amount	Grant Released till 31.03.2020				Expenditure by Rajasthan
	2017-18	2018-19	2019-20	Total	
663.39	0.00	102.94	76.40	179.34	179.34

(c) to (e) : Government of India had launched Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) in December, 2014 for various rural electrification works across the country, including electrification of villages. Under the scheme, all the un-electrified villages proposed by the States were covered for electrification, including those in difficult, forest and remote areas. States have informed that all the inhabited un-electrified census villages across the country including Rajasthan stand electrified on 28.04.2018. In all, 19,779 un-electrified census villages were reported to be electrified from 2014-15 till 28.04.2018. The State-wise details are at Annexure-II.

Under DDUGJY (including RE projects and additional infra), Government of India have disbursed Rs.48,342 crore, as grant, to the States for various rural electrification works including electrification of villages from 2014-15 till 31.08.2020 against which a sum of Rs. 47,274 crore has been spent. The State-wise details of funds released and spent as on 31.08.2020 are furnished at Annexure-III.

The scheme is under implementation in the State of Rajasthan and based on the request of Rajasthan State last date for implementation of projects sanctioned under DDUGJY for infrastructure strengthening has been extended to 31.03.2021.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 2060 ANSWERED IN THE LOK SABHA ON 22.09.2020

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State-wise households electrified under Saubhagya since launch of the scheme i.e. 11.10.2017 to 31.03.2020.

Sl.No.	Name of the States	Households electrified during 11.10.2017 to 31.03.2019.	Additional Households electrified during 01.04.2019 to 31.03.2020	Total Number of households electrified during last three years i.e. 2017-18 to 2019-20
1	Andhra Pradesh	1,81,930	-	1,81,930
2	Arunachal Pradesh	47,089	-	47,089
3	Assam	1,745,149	1,97,807	19,42,956
4	Bihar	32,59,041		32,59,041
5	Chhattisgarh	7,49,397	29,534	7,78,931
6	Gujarat	41,317	-	41,317
7	Haryana	54,681	-	54,681
8	Himachal Pradesh	12,891	-	12,891
9	Jammu & Kashmir	3,77,045	-	3,77,045
10	Jharkhand	15,30,708	1,31,880	16,62,588
11	Karnataka	3,56,974	26,824	3,83,798
12	Ladakh	10,456	-	10,456
13	Madhya Pradesh	19,84,264	-	19,84,264
14	Maharashtra	15,17,922	-	15,17,922
15	Manipur	1,02,748	5,367	1,08,115
16	Meghalaya	1,99,839	-	1,99,839
17	Mizoram	27,970	-	27,970
18	Nagaland	1,32,507	-	1,32,507
19	Odisha	24,52,444	-	24,52,444
20	Puducherry	912	-	912
21	Punjab	3,477	-	3,477
22	Rajasthan	18,62,736	2,12,786	20,75,522
23	Sikkim	14,900	-	14,900
24	Tamil Nadu	2,170	-	2,170
25	Telangana	5,15,084	-	5,15,084
26	Tripura	1,39,090	-	1,39,090
27	Uttar Pradesh	79,80,568	7,88,083	87,68,651
28	Uttarakhand	2,48,751	-	2,48,751
29	West Bengal	7,32,290	-	7,32,290
Total		2,62,84,350	13,92,281	2,76,76,631

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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (e) OF UNSTARRED QUESTION NO. 2060 ANSWERED IN THE LOK SABHA ON 22.09.2020

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State-wise electrification of inhabited census villages under DDUGJY from 2014-15 till 28.04.2018

Sl. No.	Name of the States	Number of villages electrified
1	Arunachal Pr.	1,590
2	Assam	2,922
3	Bihar	3,247
4	Chhattisgarh	1,145
5	Himachal Pr.	34
6	J & K	138
7	Jharkhand	2,744
8	Karnataka	39
9	Madhya Pradesh	508
10	Maharashtra	80
11	Manipur	558
12	Meghalaya	1,094
13	Mizoram	101
14	Nagaland	88
15	Odisha	3,294
16	Rajasthan	497
17	Tripura	26
18	Uttar Pradesh	1,557
19	Uttarakhand	95
20	West Bengal	22
	Total	19,779

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ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PARTS (c) TO (e) OF UNSTARRED QUESTION NO. 2060 ANSWERED IN THE LOK SABHA ON 22.09.2020

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State-wise Grant disbursed under DDUGJY (including RE projects and additional infra) and fund spent by States (till 31.08.2020)

Sl. No.	Name of the States	Fund Released during 2014-15 to 2020-21 (till 31.08.2020) (Rs. in crore)	Fund spent (Rs. in Crore)
1	Andhra Pradesh	534	534
2	Arunachal Pradesh	502	470
3	Assam	3,236	3,116
4	Bihar	7,565	7,565
5	Chhattisgarh	1,202	1,195
6	Gujarat	505	505
7	Haryana	107	107
8	Himachal Pradesh	83	83
9	J&K	671	613
10	Jharkhand	3,274	3,246
11	Karnataka	1,153	1,151
12	Kerala	301	301
13	Ladakh	47	47
14	Madhya Pradesh	3,228	3,182
15	Maharashtra	1,223	1,114
16	Manipur	266	248
17	Meghalaya	409	395
18	Mizoram	130	120
19	Nagaland	177	153
20	Orissa	3,721	3,502
21	Punjab	172	153
22	Rajasthan	2,927	2,876
23	Sikkim	67	56
24	Tamil Nadu	489	489
25	Telangana	232	232
26	Tripura	444	409
27	Uttar Pradesh	12,490	12,337
28	Uttarakhand	661	563
29	West Bengal	2,507	2,493
30	Goa	10	10
31	D&N Haveli	1	1
32	Puducherry	7	6
33	Andaman Nicobar	3	3
	Total	48,342	47,274

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GOVERNMENT OF INDIA
MINISTRY OF POWER

LOK SABHA
UNSTARRED QUESTION NO.2061
ANSWERED ON 22.09.2020

RURAL ELECTRIFICATION

2061. DR. VISHNU PRASAD M.K.:

Will the Minister of POWER
be pleased to state:

(a) whether the Union Government has sought information/report from the State Governments about the progress of the rural electrification in their respective States;

(b) if so, the details of reports submitted by the State Governments in this regard;

(c) the quantum of funds allocated to each State for rural electrification during the last three years and the current year;

(d) whether certain State Governments have requested for additional help to meet the target of rural electrification; and

(e) if so, the details thereof ?

A N S W E R

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

(SHRI R.K. SINGH)

(a) & (b): Yes, Sir. Progress of rural electrification under the rural electrification schemes, namely, Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya) is updated by the respective State DISCOMs/Implementing agencies on the online web portal www.ddugjy.gov.in and www.saubhagya.gov.in respectively.

.....2.

As reported by the States, all inhabited census villages across the country stand electrified on 28.04.2018.

(c) : Funds are released against projects sanctioned under DDUGJY and Saubhagya schemes in installments, based on utilisation of funds already released and fulfillment of stipulated conditions. Grants of Rs.32,204 crore and Rs.5,117 crore have been disbursed to the States/DISCOMs in the last three years and the current year i.e., 2017-18 to 2020-21 (up to 31.08.2020) under DDUGJY and Saubhagya Schemes respectively. The State-wise details are given at Annexure-I and Annexure-II.

(d) & (e) : Yes, Sir. Based on the requests received from the States, an additional amount of Rs.14,178.86 crore has been sanctioned for 20 States/UTs under DDUGJY for creation of additional infrastructure necessary for household electrification under Saubhagya scheme.

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ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2061 ANSWERED IN THE LOK SABHA ON 22.09.2020

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State-wise & Year-wise Grant disbursed under DDUGJY (including additional infra) during the last three years and the current year i.e. 2017-18 to 2020-21 (till 31.08.2020)

Rs. in crore

Sl. No.	Name of the States	Grant disbursed
1	Andhra Pradesh	356
2	Arunachal Pradesh	309
3	Assam	2,185
4	Bihar	4,073
5	Chhattisgarh	702
6	Gujarat	324
7	Haryana	121
8	Himachal Pradesh	54
9	J&K	671
10	Jharkhand	2,938
11	Karnataka	938
12	Kerala	152
13	Ladakh	47
14	Madhya Pradesh	2,010
15	Maharashtra	923
16	Manipur	135
17	Meghalaya	383
18	Mizoram	97
19	Nagaland	107
20	Odisha	2,112
21	Punjab	172
22	Rajasthan	2,328
23	Sikkim	67
24	Tamil Nadu	302
25	Telangana	195
26	Tripura	269
27	Uttar Pradesh	7,858
28	Uttarakhand	572
29	West Bengal	1,784
30	Goa	10
31	D&N Haveli	1
32	Puducherry	5
33	Andaman Nicobar Islands	3
	Total	32,204

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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 2061 ANSWERED IN THE LOK SABHA ON 22.09.2020

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State-wise grant disbursed since launch of Saubhagya scheme on 11.10.2017 up to 31.08.2020

Sl. No.	Name of the States	Grant disbursed (Rs. in Crore)
1	Arunachal Pradesh	153
2	Assam	603
3	Bihar	468
4	Chhattisgarh	320
5	Haryana	3
6	Himachal Pradesh	4
7	J&K	53
8	Jharkhand	157
9	Karnataka	39
10	Kerala	55
11	Madhya Pradesh	407
12	Maharashtra	198
13	Manipur	84
14	Meghalaya	187
15	Mizoram	41
16	Nagaland	39
17	Odisha	245
18	Rajasthan	222
19	Sikkim	2
20	Telangana	15
21	Tripura	245
22	Uttar Pradesh	1,412
23	Uttarakhand	43
24	West Bengal	123
Total		5,117

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