

**GOVERNMENT OF INDIA  
MINISTRY OF POWER  
LOK SABHA  
UNSTARRED QUESTION NO.3585  
ANSWERED ON 24.03.2022**

**POWER INFRASTRUCTURE**

**3585. MS. RAMYA HARIDAS:**

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

- (a) the steps being taken for provision of power infrastructure during the last five years along with initiatives taken for reforms and achievements in the power sector and adding Gigawatts (GWs) of installed capacity and connecting additional households;
- (b) the details of circuit kilometres of transmission lines in lakhs added during the last five years along with the quantum of funds sanctioned/spent thereon, State-wise; and
- (c) the details of the future plan worked out for the same, State-wise?

**A N S W E R**

**THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY**

**(SHRI R.K. SINGH)**

(a) : Several initiatives have been taken in the area of capacity addition for power generation and transmission along with reforms in the distribution sector, which are briefly mentioned as under:

- The total installed power generation capacity, including from renewable energy sources, in the country as on 28.02.2022 is 395.6 GW. A total of 106.63 GW power generation capacity has been added during the last five years and current year (up to 28.02.2022), from conventional and renewable energy sources.
- All regional grids are synchronously connected and the power transmission capacity in Inter State Transmission Systems (ISTS) is adequate for free flow of power in different directions resulting in “One Nation – One Grid – One Frequency”. At present, the inter-regional transmission capacity of the National Grid is about 112,250 MW (76,300 MW added since April, 2014).
- Government of India had launched Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) in December, 2014 for rural electrification works across the country. As reported by the States, all the inhabited un-electrified villages as per Census 2011, stand electrified as on 28th April, 2018 across the country under DDUGJY.

- **Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya) was launched in October, 2017 with the purpose of electrification of the remaining unelectrified households in rural and urban areas. Under the Saubhagya scheme, as on 31.03.2021, all the States have reported 100% electrification of all the willing un-electrified households, identified before 31.03.2019. Since the launch of Saubhagya scheme, 2.817 Crore households were electrified across the country up to 31.03.2021.**
- **Government of India has launched a Reforms-based and Results-linked 'Revamped Distribution Sector Scheme' on 20.07.2021 with an objective of providing quality, reliable and affordable power to consumers through a financially sustainable and operationally efficient Distribution Sector. The scheme has an outlay of Rs.3,03,758 Crore and an estimated Gross Budgetary Support (GBS) from Central Government of Rs.97,631 Crore.**

**(b) : During the last five years from 1st April 2016 to 31st March 2021, a total of 1,00,270 ckm of transmission lines (220 kV and above) have been added in the country. The State-wise details of transmission capacity addition and funds sanctioned/spent for transmission schemes (220 kV & above) during the last five years are given at Annexure-I and Annexure-II respectively.**

**(c) : Sufficient transmission capacity has been planned in the country for evacuation of power from generating stations to the load centres including strengthening of existing transmission system. 12719 Ckm of Transmission lines and 69592 MVA of Transformation capacity have been installed against the target of 19255 Ckm and 81545 MVA respectively, for the Year 2021-22 (up to 28.02.22). In the next 3 years, it is targeted to add about 17,500 Ckm of Transmission Lines per year and 80,000 MVA of Transformation Capacity per year on all India basis.**

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**ANNEXURE-I**

**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 3585  
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**Details of Transmission Capacity (CKM) Addition During last 5 years**  
**(From 1st April 2016 to 31<sup>st</sup> March 2021):**

<b>Organizations/Utilities</b>	<b>States/UTs</b>	<b>Length (Ckm)</b>
<b>State Sector</b>		
<b>AEGCL</b>	<b>Assam</b>	<b>351</b>
<b>APTRANSCO</b>	<b>Andhra Pradesh</b>	<b>3678</b>
<b>BSPTCL</b>	<b>Bihar</b>	<b>2079</b>
<b>CSPTCL</b>	<b>Chhattisgarh</b>	<b>1447</b>
<b>DANDD</b>	<b>Daman &amp; Diu</b>	<b>14</b>
<b>DNH</b>	<b>Dadra &amp; Nagar Haveli</b>	<b>5</b>
<b>DTL</b>	<b>Delhi</b>	<b>91</b>
<b>ED, Manipur</b>	<b>Manipur</b>	<b>90</b>
<b>GETCO</b>	<b>Gujarat</b>	<b>3296</b>
<b>HPPTCL</b>	<b>Himachal Pradesh</b>	<b>170</b>
<b>HVPL</b>	<b>Haryana</b>	<b>1193</b>
<b>JKPDD</b>	<b>Jammu &amp; Kashmir</b>	<b>183</b>
<b>JUSNL</b>	<b>Jharkhand</b>	<b>1020</b>
<b>KPTCL</b>	<b>Karnataka</b>	<b>2154</b>
<b>KSEB</b>	<b>Kerala</b>	<b>527</b>
<b>MeECL</b>	<b>Meghalaya</b>	<b>0</b>
<b>MPPTCL</b>	<b>Madhya Pradesh</b>	<b>2732</b>
<b>MSETCL</b>	<b>Maharashtra</b>	<b>2965</b>
<b>OPTCL</b>	<b>Odisha</b>	<b>325</b>
<b>PSTCL</b>	<b>Punjab</b>	<b>1307</b>
<b>PTCUL</b>	<b>Uttarakhand</b>	<b>210</b>
<b>RVPNL</b>	<b>Rajasthan</b>	<b>5663</b>
<b>Power Deptt, SIKKIM</b>	<b>Sikkim</b>	<b>447</b>
<b>TANTRANSCO</b>	<b>Tamil Nadu</b>	<b>4158</b>
<b>TSECL</b>	<b>Tripura</b>	<b>0</b>
<b>TSTRANSCO</b>	<b>Telangana</b>	<b>3646</b>
<b>UPPTCL</b>	<b>Uttar Pradesh</b>	<b>7064</b>
<b>WBSETCL</b>	<b>West Bengal</b>	<b>811</b>
<b>Sub Total (State Sector)</b>		<b>45626</b>
<b>Central Sector</b>		<b>41124</b>
<b>Private Sector</b>		<b>13520</b>
<b>Grand Total</b>		<b>100270</b>

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**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 3585  
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**Details of Actual Fund Expenditure for Transmission Schemes (220 kV & above) During the last 5 Years (Rs. Crs.)**

Sl. No.	Name of the Utility	States	Transmission Works					Total
			2016-17	2017-18	2018-19	2019-20	2020-21	
<b>I</b>	<b>Central Sector</b>							
	PGCIL	-	24,429	25,791	25,807	15,940	10,850	1,02,817
	DVC	-	81	47	58	179	195	560
	<b>Total CS</b>	-	<b>24,510</b>	<b>25,838</b>	<b>25,865</b>	<b>16,119</b>	<b>11,045</b>	<b>1,03,377</b>
<b>II</b>	<b>State Sector</b>							
<b>a.</b>	<b>Northern Region</b>							
1	DTL	Delhi	211	311	NF	NF	250	773
2	HPPTCL	H.P.	162	317	464	366	382	1,691
3	HVPNL	Haryana	212	219	NF	405	505	1,341
4	PDD,J&K	J&K	50	55	NF	NF	80	184
5	PSTCL	Punjab	265	315	154	89	69	891
6	RVPNL	Rajasthan	2,076	1,773	1,315	NF	NF	5,164
7	UPPTCL	U.P.	3,048	3,201	NF	1,885	NF	8,134
8	PTCUL	Uttarakhand	86	108	121	154	186	655
	<b>Total N.R.</b>		<b>6,110</b>	<b>6,299</b>	<b>2,053</b>	<b>2,899</b>	<b>1,472</b>	<b>18,832</b>
<b>b.</b>	<b>Western Region</b>							
1	CSPTCL	Chhattisgarh	73	169	NF	NF	NF	242
2	GETCO	Gujarat	951	1,102	1,082	1,182	1,419	5,736
3	GOA	Goa	26	0	NF	NF	22	49
4	MPPTCL	M.P.	368	991	1,603	845	1,535	5,342
5	MSETCL	Maharashtra	581	464	NF	596	767	2,409
	<b>Total W.R.</b>		<b>1,999</b>	<b>2,727</b>	<b>2,685</b>	<b>2,623</b>	<b>3,744</b>	<b>13,779</b>
<b>c.</b>	<b>Southern Region</b>							
1	APTRANSCO	A.P.	1,066	499	790	588	588	3,531
2	KPTCL	Karnataka	807	696	1,180	1,294	NF	3,977
3	KSEB	Kerala	83	16	152	568	982	1,800
4	TANTRANSCO	Tamil Nadu	2,866	2,782	3,392	4,168	2,685	15,894
5	TSTRANSCO	Telangana	2,506	2,475	2,913	NF	1,474	9,369
6	Puducherry	Puducherry	26	11	NF	6	2	45
	<b>Total S.R.</b>		<b>7,354</b>	<b>6,479</b>	<b>8,427</b>	<b>6,624</b>	<b>5,732</b>	<b>34,615</b>
<b>d.</b>	<b>Eastern Region</b>							
1	BSPTCL	Bihar	301	0	NF	NF	NF	301
2	OPTCL	Odisha	340	358	322	626	607	2,252
3	JUSNL	Jharkhand	0	630	NF	NF	NF	630
4	WBSETCL	W.B.	1,128	291	286	242	472	2,419
5	Sikkim	Sikkim	0	0	NF	NF	NF	
	<b>Total E.R.</b>		<b>1,769</b>	<b>1,279</b>	<b>608</b>	<b>868</b>	<b>1,078</b>	<b>5,602</b>
<b>e.</b>	<b>N-E Region</b>							
1	Arunachal Pradesh	Ar. Pradesh	0	0	0	Nil	NF	0
2	AEGCL	Assam	64	49	24	7	34	177
3	Manipur	Manipur	0	0	NF	NF	83	83
4	MePTCL	Meghalaya	31	218	NF	Nil	NF	249
5	Mizoram	Mizoram	0	9	25	Nil	NF	35
6	Nagaland	Nagaland	0	14	47	Nil	NF	62
7	Tripura	Tripura	95	0	0	Nil	7	102
	<b>Total N-E Region</b>		<b>190</b>	<b>290</b>	<b>97</b>	<b>7</b>	<b>124</b>	<b>708</b>
	<b>Total State Sector</b>		<b>17,422</b>	<b>17,073</b>	<b>13,870</b>	<b>13,021</b>	<b>12,150</b>	<b>73,536</b>
	<b>Total all India</b>		<b>41,932</b>	<b>42,912</b>	<b>39,735</b>	<b>29,140</b>	<b>23,194</b>	<b>1,76,913</b>

NF: Not furnished.

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