

**GOVERNMENT OF INDIA  
MINISTRY OF POWER**

**LOK SABHA  
UNSTARRED QUESTION NO.50  
ANSWERED ON 20.07.2023**

**POWER INFRASTRUCTURE IN TAMIL NADU**

**50. DR. T. SUMATHY (a) THAMIZHACHI THANGAPANDIAN:  
SHRI GNANATHIRAVIAM S.:**

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

**(a) whether the Union Government has provided funds to Tamil Nadu Generation and Distribution Corporation Limited (TANGEDCO) through REC Ltd. and PFC Ltd. for various power generation projects in the State;**

**(b) if so, the details thereof and the steps taken by the Government to develop power infrastructure in Tamil Nadu including installation of Transformers, smart meters and power transmission centres;**

**(c) the details of the total power generation capacity installed in Tamil Nadu and power sharing agreements entered into with other States; and**

**(d) the funds allocated and disbursed to TANGEDCO during the last five years for the development of new power projects including the Kundah Power House?**

**A N S W E R**

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

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

**(a) : Yes, Sir. REC Ltd. and PFC Ltd. have provided Loans to Tamil Nadu Generation and Distribution Corporation Limited TANGEDCO for various Power Generation projects in the State. In all Rs.27,052.49 Crore have been sanctioned during the last five years to TANGEDCO.**

**.....2.**

**(b) : The steps taken by the Government to develop power infrastructure in Tamil Nadu are as follows:**

**I. Funds were released under IPDS and DDUGJY Schemes for strengthening of Distribution projects and both these schemes were closed w.e.f 31.03.2022. The details of infrastructure created under IPDS and DDUGJY are enclosed as Annexure-I.**

**II. Revamped Distribution Sector Scheme- (RDSS)**

**The Revamped Distribution Sector Scheme is a Reforms Based and Results-Linked Scheme launched by Ministry of Power to improve the quality, reliability and affordability of power supply to consumers through a financially sustainable and operationally efficient Distribution Sector and to reduce the AT&C losses at pan India levels to 12 – 15% and reduce the ACS –ARR gap to zero.**

**The infrastructure works proposed under RDSS scheme are enclosed at Annexure-II**

**(c) : The total power requirement of Tamil Nadu is 34,706 MW. Out of this 22,436 MW is met by TANGEDCO, 3190 MW by the Independent Power Producers (IPP) and 4698 MW by the Central Generating Stations (CGS).**

**The balance requirement is managed by Power generated outside Tamil Nadu. The share of IPP and CGS in the outside support is 1910 MW and 2472 MW respectively.**

**(d) : The Funds allocated and disbursed to TANGEDCO during the last 5 years for the development of new power projects including the Kundah Power House in Tamil Nadu by PFC and REC are enclosed as Annexure-III.**

\*\*\*\*\*

**ANNEXURE-I****ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.50 ANSWERED IN THE LOK SABHA ON 20.07.2023**

\*\*\*\*\*

**(i) Major works executed under IPDS by PFC Ltd, as per closure reports submitted by TANGEDCO**

<b>BOQ</b>	<b>Unit</b>	<b>Quantum</b>
<b>33/11 KV New Sub-stations</b>	<b>Nos</b>	<b>68 +7 GIS Substations</b>
<b>Augmentation of Sub-stations</b>	<b>Nos</b>	<b>41</b>
<b>Installation of New Distribution Transformer</b>	<b>Nos</b>	<b>1094</b>
<b>New HT Line</b>	<b>cKm</b>	<b>4266</b>
<b>New LT Lines</b>	<b>cKm</b>	<b>1747</b>
<b>UG Cable</b>	<b>cKm</b>	<b>1747</b>
<b>AB Cable</b>	<b>cKm</b>	<b>153</b>
<b>Solar Panels</b>	<b>KWp</b>	<b>2082</b>

**(ii) Major works executed under DDUGJY including Saubhagya by REC Ltd, as per closure reports submitted by TANGEDCO**

<b>BOQ</b>	<b>Unit</b>	<b>Quantum</b>
<b>New Sub-stations</b>	<b>Nos</b>	<b>106</b>
<b>Augmentation of Sub-stations</b>	<b>Nos</b>	<b>128</b>
<b>Installation of New Distribution Transformer</b>	<b>Nos</b>	<b>1189</b>
<b>New HT Line</b>	<b>cKm</b>	<b>3052</b>
<b>New LT Lines</b>	<b>cKm</b>	<b>1174</b>
<b>Feeder Separation</b>	<b>cKm</b>	<b>797</b>
<b>Consumers Meters</b>	<b>Nos</b>	<b>1195856</b>

\*\*\*\*\*

**ANNEXURE-II****ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO.50 ANSWERED IN THE LOK SABHA ON 20.07.2023**

\*\*\*\*\*

**i) Loss Reduction works approved by MoP/ Gol.**

Sl. No.	Targeted interventions for loss reduction	Unit	Physical Targets			Total	Estimated Outlay (Rs. Cr.)
			FY23	FY24	FY25		
1	Agriculture Feeder Segregation	No. of Feeders	441	592	652	1685	6,227.81
2	High Voltage Distribution System	No. of Feeders	68	99	106	273	1,592.67
3	Separation of Double DTs using HVDS	Nos.	3207	4455	6230	13,892	1,069.92
4	Reconductoring of Existing 33 KV Feeders	KM	206.50	213.18	122.40	542.08	39.46
5	Deployment of new ERP modules (E-way Bill, GST and Digital Signature 2. Vendor portal)	No. of Modules	2	0	0	2	3.00
<b>Total</b>							<b>8,932.86</b>

**ii) Metering Works approved by MoP/ Gol.**

Works	Unit	Physical Targets			Total	Amount (Rs. Cr.)
		FY 23	FY 24	FY 25		
Prepaid Smart Metering	Nos.	38,52,819	91,09,034	1,70,38,147	3,00,00,000	18,000.00
Distribution Transformer metering	Nos.	1,63,628	2,50,792	58,080	4,72,500	1086.75
Feeder metering	Nos.	15,898		1,076	16,974	76.75
Circle level Boundary Metering	Nos.	480	820		1,300	
<b>Total</b>						<b>19,163.50</b>

\*\*\*\*\*

**ANNEXURE-III****ANNEXURE REFERRED IN REPLY TO PART (d) OF UNSTARRED QUESTION NO.50 ANSWERED IN THE LOK SABHA ON 20.07.2023**

\*\*\*\*\*

**Funds allocated and disbursed by PFC Ltd and REC Ltd during the last 5 years for New Power Projects:**

<b>PFC/REC</b>	<b>New Project Loans</b>	<b>Amount allocated and disbursed (in Cr.)</b>
<b>PFC Ltd</b>	<b>Ennore Annex - 1x660 MW</b>	<b>2499.73</b>
<b>PFC Ltd</b>	<b>Ennore SEZ - 2x660 MW</b>	<b>7666.66</b>
<b>PFC Ltd</b>	<b>Uppur Project - 2X800 MW</b>	<b>4708.62</b>
<b>PFC Ltd</b>	<b>Shore Unloader - Ennore SEZ Coal handling</b>	<b>146.86</b>
<b>PFC's Total</b>		<b>15021.87</b>
<b>REC Ltd</b>	<b>Kundah HEP - 4x125 MW</b>	<b>1089.71</b>
<b>REC Ltd</b>	<b>NCTPS Stage-III - 1x800 MW</b>	<b>4838.36</b>
<b>REC Ltd</b>	<b>Udangudi TPP -2x660 MW</b>	<b>5905.96</b>
<b>REC Ltd</b>	<b>Kollimalai SHP Project</b>	<b>196.59</b>
<b>REC's Total</b>		<b>12030.62</b>
<b>Grand Total (PFC+REC)</b>		<b>27052.49</b>

\*\*\*\*\*