

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.2233
ANSWERED ON 08.08.2023

FUNDING TO TANGEDCO

2233 SHRI R. GIRIRAJAN:

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

- (a) whether Government through REC Ltd., and Power Finance Corporation Ltd., has provided funds to TANGEDCO for various Power generation projects and power infrastructure development in Tamil Nadu;
- (b) if so, the details thereof and steps taken by Government to develop power infrastructure in Tamil Nadu like installation of transformers, smart meters and power transmission centres;
- (c) the details of total power generation capacity installed in Tamil Nadu and power sharing agreements with other States; and
- (d) the funds allocated and disbursed to TANGEDCO for the development of new power projects including Kundah Hydel Power House, Tamil Nadu?

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 and infrastructure development in the State. In all Rs. **27052.49** Crore have been sanctioned to TANGEDCO.

(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 sanctioned 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 sanctioned and disbursed to TANGEDCO 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 TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2233 ANSWERED IN THE RAJYA SABHA ON 08.08.2023**

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

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

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

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

ANNEXURE-II**ANNEXURE REFERRED TO IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 2233 ANSWERED IN THE RAJYA SABHA ON 08.08.2023**

(i) Loss Reduction works approved by MoP/ GoI.

S. 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
Total							8,932.86

(ii) Metering Works approved by MoP/ GoI.

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	
Total						19,163.50

ANNEXURE-III

ANNEXURE REFERRED TO IN REPLY TO PART (d) OF UNSTARRED QUESTION NO. 2233 ANSWERED IN THE RAJYA SABHA ON 08.08.2023

Funds sanctioned and disbursed by PFC Ltd and REC Ltd for New Power Projects:

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