

**ANNEXURE REFERRED IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 1271
ANSWERED IN THE RAJYA SABHA ON 10.03.2025**

The details of year wise capacity addition requirement of Tamil Nadu, as per Resource Adequacy Plan, to meet the electricity demand:

FY	COAL (MW)	NUCLEA R (MW)	SOLAR (MW)	WIND (MW)	DRE (MW)	HYDRO (MW)	STORAGE (MW/MWh)
2024-25	2120	152	4600	1000	1015	0	0
2025-26	0	0	2300	1000	842	20	500/3000
2026-27	1320	1100	2000	1000	935	0	1541/8164
2027-28	462	0	2200	1000	1027	0	1903/9611
2028-29	3082	0	2500	1000	1114	0	1237/6948
2029-30	1500	1000	2800	2500	1245	0	2000/12000
2030-31	1000	0	1500	1500	1169	0	1000/6000
2031-32	1000	0	1500	1500	1277	0	1000/6000

DRE: Decentralized Renewable Energy

**ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 1271
ANSWERED IN THE RAJYA SABHA ON 10.03.2025**

The details of the proposals sanctioned under PSDF in Tamil Nadu:

Sl. No.	Name of proposal	Grant Sanctioned (Rupees in Crore)	Project Status Report
1	R&U of protection system by TANTRANSCO (20)	124.45	Project Completed.
2	Establishment of Technical and IT infrastructure for implementation of infra state ABT in Tamil Nadu. (085)	11.98	Project Completed.
3	Renovation and Modernisation of Protection System of 400kV, 230kV & 110kV hydro Generating Stations. (084)	167.48	Project Under Execution.
4	Reliable Communication & data acquisition system to 110kV & above level substation in Tamil Nadu. (151)	155.48	Project Under Execution.
5	Supply, Erection, Testing & Commissioning of 2 Nos. of 400kV, 80 MVAR Bus reactor with associated equipments for 400/230-110 kV AIS SS at Kamudhi under total turnkey contract in Madurai Region of Tamil Nadu. (188)	14.80	Physical work Completed. Financial closure underway.
6	Supply, Erection, Testing & Commissioning of 1 Nos. of 400kV, 125 MVAR Bus reactor with associated equipments for 400/230-110 kV SS at Kayathar under total turnkey contract in Tirunelveli Region of Tamil Nadu. (193)	8.21	
7	Supply, Erection, Testing & Commissioning of 2 Nos. of 400kV, 125 MVAR Bus reactor with associated equipments for 400kV GIS SS at Manali under total turnkey contract in Chennai North Region of Tamil Nadu. (198)	14.31	
8	Supply, Erection, Testing & Commissioning of 1 Nos. of 400kV, 125 MVAR Bus reactor with associated equipments for 400kV SS at Alamathy under total turnkey contract in Chennai North Region of Tamil Nadu. (202)	8.96	
9	Supply, Erection, Testing & Commissioning of 1 Nos. of 400kV, 125 MVAR Bus reactor with associated equipments for MPTS Stage III GIS switchyard under total turnkey contract in Erode Region of Tami Nadu. (205)	9.54	
	Total Approved Proposals	515.21	

GOVERNMENT OF INDIA
MINISTRY OF POWER

RAJYA SABHA
UNSTARRED QUESTION NO.1272
ANSWERED ON 10.03.2025

AMOUNT SANCTIONED UNDER RDSS TO ASSAM/APDCL

1272 SHRI AJIT KUMAR BHUYAN:

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

- (a) fund sanctioned under RDSS to Assam/APDCL and amount received/ utilised till now;
- (b) number of Smart Meters procurement orders placed by APDCL during last three years, details of supplier/Vendor, quantities, rate, terms of supply, performance guarantee, testing and inspection during manufacturing etc.;
- (c) numbers of Smart Meters installed by APDCL till December 2024, category wise and Electrical Circle wise throughout Assam; and
- (d) number of DTR Metering and Feeder Metering that has been done by APDCL till December 2024, details Electrical Circle wise and details of procurement/installation order including total financial involvement?

A N S W E R

THE MINISTER OF STATE IN THE MINISTRY OF POWER

(SHRI SHRIPAD NAIK)

(a) : Under Revamped Distribution Sector Scheme (RDSS), Distribution Infrastructure works amounting to Rs. 3,395 Cr. (Government Budgetary Support: Rs. 3,055 Cr.) and Smart Metering works amounting to Rs. 4,050 Cr. (Government Budgetary Support: Rs. 1,052 Cr.) have been sanctioned for Assam Power Distribution Company Limited (APDCL). Details of funds released till date to APDCL are as under:

State/DISCOM	Fund released (in Rs. Cr.)			
	FY 2021-22 (Actual)	FY 2022-23 (Actual)	FY 2023-24 (Actual)	FY 2024-25 (Released till 03.03.2025)
Assam/APDCL	0	10.38	634.75	793.04

State of Assam has reported that Rs. 1,201.05 Crore has been utilized as on 26.02.2025.

(b) : As reported by the State of Assam, details of the work orders awarded by APDCL for procurement of smart meters under RDSS are given at **Annexure-I**. Further, State of Assam has reported that the following tests are carried out for all smart meters:

- i. Factory Acceptance Test (FAT) for all smart meters at the manufacturing facilities as per procedures defined in the BIS Standard.

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- ii. Sample smart meter lots are subjected to further testing for their accuracy at the APDCL Testing & Commissioning (T&C) Laboratories.
 - iii. Samples of random FAT lots are also sent to third party National Accreditation Board for Testing and Calibration Laboratories (NABL) accredited labs for testing of the smart meters.
- (c) : As reported by the State of Assam, category-wise and circle-wise details of smart consumer meters installed in Assam till December'2024 are given at **Annexure-II**.
- (d) : As reported by the State of Assam, Electrical circle-wise details of DTR and Feeder smart metering installed (including financial involvement) in Assam till December'2024 are given at **Annexure-III**.

ANNEXURE-I

ANNEXURE REFERRED IN REPLY TO PART (b) OF UNSTARRED QUESTION NO. 1272 ANSWERED IN THE RAJYA SABHA ON 10.03.2025

Details of work order placed by APDCL for installation of smart meter in Assam under RDSS Scheme

Package	Contractor Name	Awarded quantity of smart meters (in Nos.)			Package Value (in Rs. Cr)	Performance Guarantee (in Rs. Cr)	Terms of Supply
		Consumer	DTR	Feeder			
DBFOOT (PKG-1)	IntelliSmart	363500	0	0	₹333.70	₹4.98	Design, Build, Finance, Own Operate, Transfer (DBFOOT) on TOTEX (CAPEX+ OPEX) basis
DBFOOT (PKG-2)	Infrastructure Pvt. Ltd.	256600	0	0	₹235.55	₹3.52	
RDSS Package-1	Apraava Smart Meter Private Limited	681490	11353	234	₹658.53	₹19.76	
RDSS Package-2	Genus Assam Package-2 SPV Limited	692343	11872	323	₹683.59	₹20.51	
RDSS Package-3	Hi Print Assam Package-3 SPV Limited	712482	11740	299	₹683.86	₹20.52	
RDSS Package-4	Genus Assam Package-4 SPV Limited	736726	18044	600	₹758.60	₹22.76	
RDSS Package-5	Genus Assam Package-5 SPV Limited	754878	11134	878	₹727.92	₹21.84	
RDSS Package-6	NE Smart Metering Limited	759220	13404	448	₹844.76	₹25.34	
RDSS Package-7	Assam Smart Metering Private Limited	1502859	17360	659	₹1,363.61	₹40.91	
Total		6460098	94907	3441	₹6,290.13	₹180.14	
