

PHYSICAL PROGRESS UNDER CAPITAL SCHEMES UPTO JANUARY 2020

Sl. No	Description	Units	Target for 2019-20	Achievements		
				Upto Dec 2019	During Jan 2020	Total as on 31.01.2020
1	New Distribution Transformer	Nos.	60	62	4	66
2	Enhancement of Distribution Transformer	Nos.	20	15		15
3	HT line	Kms.	20.000	12.498	1.940	14.438
4	LT line	Kms.	50.000	28.867	4.600	33.467
5	Strengthening of HT line	Kms.	2.000	6.035		6.035
6	Strengthening of LT line	Kms.	25.000	6.510	0.490	7
7	HT Industrial service	Nos.	12	4		4
8	LT Industrial service	Nos.	50	44	9	53
9	Agricultural service	Nos.	40	23	5	28
10	Domestic service	Nos.	13000	8932	1110	10042
11	Commercial service	Nos.	1500	1226	170	1396
12	Street lights (new)	Nos.	400	242	23	265
13	Underground cable laid - HT	Kms.	5.000	1.193	0.100	1.293
14	Underground cable laid - LT	Kms.	5.000	0.777	0.755	1.532
15	Conversion of overhead services into underground cable system	Nos.	100	6		6
16	Conversion of overhead ST. lights into underground cable system	Nos.	10			
17	Replacement of defective / Stuck up EM Meters by ES Meters	Nos.	10000	13000	1427	14427

(R.MURALI)
Superintending Engineer-cum-HoD

UPDATED STATUS OF CENTRAL SECTOR SCHEMES AND INSTALLED CAPACITY OF ROOF TOP SOLAR POWER PLANTS

Central Schemes implemented by Electricity Department	Estimated cost (Rs.in crores)	Pattern of assistance	Works proposed under this scheme	Present status of works and achievement	Funds released so far	Exp as on date	Balance available	Remarks
RAPDRP Part A -IT Part	Rs.15.010 crores	Loan availed from Power Finance Corporation	To develop and upgrade the IT infrastructure to make available the baseline data	Survey of Consumer indexing, preparation of Design document for installation of hardware and peripherals, Finalisation of Network Service Provider	Rs.4.50 crores	Rs.3.38 crores	Rs.1.120 crores	The project was stalled due to the dispute between TANGEDCO and the consortium partner of ITIA M/s Navayuga. Hence an alternate proposal has been sent to Power Finance Corporation for closure of Project.
RAPDP Part-A - (SCADA)	Rs.13.890 Crores	Loan availed from Power Finance Corporation	To establish SCADA system for the distribution network	All Hardware & Software related to SCADA/DMS Control Centre has been established.	Rs.7.297 crores	Rs.4.167 crores	Rs.3.13 crores	Project completed and Utilization Certificate submitted. Rs. 3.130 crores released and bills are under process to book the balance expenditure.An amount of Rs. 5.00 crores has been allocated under Negotiated loan in RE 19-20 for settlement of pending bills.
RAPDRP Part B- System improvement works	Rs.84.78 crores	Gol loan Rs.21.195 crores and PFC counter part loan amount Rs.63.585 crores	(i) Energisation of two numbers of 25MVA Power Transformers	Energisation of two numbers of 25MVA Power Transformers at Kurumbapet & Villianur Substations.	Rs.51.967 crores	Rs.51.967 crores	NIL	Utilization Certificate for Rs.46.13 crores was submitted to M/s. PFC. 4th tranche of loan amount of Rs.5.84 crores released on 27.09.19 was fully incurred . Proposal to avail next tranche of loan for an amount of Rs.9.70 crores will be sent after submission of Utilization Certificate. An amount of Rs. 14.41 crores has been allocated under Negotiated loan in RE 19-20 for settlement of pending bills.
			(ii) Energisation of Distribution Transformers of various ratings	Energised 190 nos of Distribution Transformers of various ratings.				
			(iii) Installation of Single phase and three phase meters	Installed 30,000 single phase meters and 12,500 three phase meters				
			(iv) Installation of new SF6 Ring Main Units	Installed new SF6 Ring Main Units at 40 locations.				
			(v) Installation of Numerical relays in Substations.	35 Numerical relays were installed in 4 Substations				
			(vi) Fixing of Fault Passage Indicators	62 Fault Passage Indicators were fixed.				
			(vii) Renovation of earthing in Distribution Transformers	Renovated 2,100 nos of earthing in Distribution Transformers.				
			(viii) Installation of Wedge Connectors	35,885 Wedge Connectors were installed.				
			(ix) Erection of Distribution Pillar boxes	100 nos of Distribution Pillar boxes were erected.				
			(x) Energisation of Capacitor banks	3 nos of 2.4MVAR Capacitor banks were energised at Marapalam Substation on 31.10.19 and 2 nos of 2.4 MVAR Capacitor banks were energised at Kalapet Substation on 04.11.19.				

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Integrated Power Development Scheme(IPDS)	Rs.21.63 Crores	60% of the project cost is grant from the Govt of India., 30% to be availed as loan from PFC and 10% State share to be availed as loan from PFC	(i) New 22KV Line feeder / bifurcation of feeders(each one feeder in Marapalam SS, Villianur SS &Kurumbapet SS	Work Orders have been issued to the lowest tenderers for erection of 22KV & 11KV feeders. 415 meters of 22KV Murungapakkam feeder laid.	Rs.3.89 crores	Rs.3.89 crores	NIL	Power Finance Corporation has signed Agreement for availing 30% loan from PFC and 10% State share to be availed as loan from PFC. Agreement has been sent to Secretary (Finance), Govt of Puducherry for signing. An amount of Rs.2.00 crores has been allocated under Negotiated loan in RE 19-20 for settlement of pending bills.
			(ii)22KV Line bay extension at EHV Substation (MPLM-1,VLR SS-1, KMBPT SS-1)	Proposal has been resubmitted to Govt for sanction.				
			(iii)11KV UG Cable feeder each one in Karaikal, Mahe &Yanam	Laying of Town north 11KV feeder work was completed in Karaikal region and Town IV feeder work is under progress. Laid 500 metres of 11KV UG Cable feeder in Yanam region and Provisional order issued for 11KV feeder work in Mahe region.				
			(iv) Provision of 11KV bay equipment only at Karaikal&Yanam	Proposal has been resubmitted to Govt for sanction.				
			(v) Provision of Indoor type Switchgear panel with associated equipment including 1RMU at Palloor SS	Indoor VCB energised at Mahe on 22.11.19.				
			(vi) New 22/0.433KV,315KVA Distribution Transformer	7 nos of 22KV 315KVA Distribution Transformers were so far energized in Puducherry region.				
Integrated Power Development Scheme(IPDS)			(vii) New 11/0.433KV,200KVA Distribution Transformer	15 nos of 11KV 200KVA Distribution Transformers were energised in Karaikal region.7 nos of 11KV 200KVA Distribution Transformers were energised in Yanam region and Work order issued for 8 nos of 11KV 200KVA Distribution Transformers proposed to be energised in Mahe region.				
			(viii) Installation of Capacitor bank	Proposal has been resubmitted to Govt for sanction.				
			(ix) Installation of HVDS 63KVA DT.	Materials received. Work order issued for erection of 4 nos of 63KVA DTR at Mahe. For Yanam region, Supply order has been placed for supply of Single pole structure materials for erection of 7 nos of 63KVA DTR.				

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			(x) Replacement of Single phase Static meter with LPRF	9,864 nos of Single Phase LPRF meters were fixed in Yanam region and ,8,568 nos of Single Phase LPRF meters were fixed in Mahe region. For Karaikal region 2000 nos of Single Phase LPRF meteres were fixed.				
			xi) Replacement of Three phase Static meter with LPRF meter.	500 nos of Three Phase LPRF meters were fixed in Yanam region and 1,429 nos of Three Phase LPRF meters were so far fixed in Mahe region.For Karaikal region 1,800 nos of Three Phase LPRF meteres were fixed.				
			(xii) Provision of Solar Panel	20KW Roof Top Solar panels were energised each in Mahe & Yanam regions, 45KW Roof Top Solar panels were energised in Karaikal region and 15KW Roof Top Solar panels were energised at Rajnivas in Puducherry region . Installation of Roof Top Solar panels at 3 locations in Puducherry region is under process.				
Deendhayal Upadhyaya Gram Jyoti Yojana (DDUGJY)	Rs.20.05 Crores	60% of the project cost is grant from the Govt of India., 30% to be availed as loan from PFC and 10% State share to be availed as loan from PFC	(i)Erection of 39.50kms of new 22/11 KV feeders	Erected 5 kms of 22KV feeder in Puducherry region and erection of 11KV feeder work in Karaikal region is under progress.	Rs.3.073 crores	Rs.3.073 crores	NIL	Rural Electrification Corporation has signed agreement for availing 40% loan with Govt of Puducherry during October 2019. First installment loan amount of Rs.92.29 lakhs has been received from REC on 03.02.2020. An amount of Rs.5.61crores has been allocated under Negotiated loan in RE 19-20 for settlement of pending bills.
			(ii) Erection and enhancement of 21 nos of 22KV Distribution Transformer	13 nos of Distribution Transformers were so far energized in Puducherry region.				
			(iii) Erection of 8.56 kms of 22KV Spur line	Erected 4 kms of 22KV Spur line in Puducherry region.				
			(iv) Erection of 12.95 kms of LT Overhead lines	Erected 6 kms of LT Overhead lines in Puducherry region.				
				Erected 6kms of LT Overhead lines in Puducherry region				
(v) Provision of 79,912 Electro Static meters	Installed 36,221 nos of single phase LPRF meters and 790 nos of Three phase LPRF meters were fixed in rural areas of Puducherry region. 15,750 nos of Single phase LPRF meters and 405 nos of Three phase LPRF meters were fixed in rural areas of Karaikal region. Further 1250 numbers of DT meters are proposed to be installed in rural areas of Puducherry and Karaikal regions.							

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Power System Development Fund	Rs.10.56 Crores	Rs.9.50 crores is grant from Gol and Rs. 1.06 crores is to be provided from State Plan funds.	Erection of Indoor and Outdoor equipments at Villianur 230KV SS and Bahour 230KV Sub Stations to be completed	Old Control & Relay panels at 230/110KV Bahour and Villianur Substation have been replaced by new Substation Automation System (SAS) panels on 02.12.2019.	Rs.3.969 crores	Rs.3.29 crores	Rs.0.679 crores	State share amount of Rs.45.47 lakhs was incurred and work completed towards indoor equipment. Bills are under process to book the balance expenditure .
Smart Grid Pilot Project	Rs.33.83 Crores	50% of the project cost will be borne by the Gol and the balance 50% of the cost will be invested by the executing agency.	To be implemented in the core town area of Puducherry under National Smart Grid Mission of Gol.	Installation of 545 DCUs & 29,403 Smart meters in Town areas and Smart Grid Control Centre has been completed and has become operational.	Rs.14.208 crores	Rs.13.748 crores	Rs.0.46 crores	Project completed. Utilization Certificate submitted for Rs.8.88 crores and bills are under process to book the expenditure for Rs.0.46 crores . 4 th & final instalment of Rs.3.565 crores to be availed.
Installed Capacity of Roof Top Solar (Grid connected and								6.30 MW
Electricity Generation from Roof Top Solar (upto January 2020)								3.63 MU

(R.MURALI)
Superintending Engineer-cum-HoD