

POWER

The Union Territory of Puducherry consists of four regions, geographically located in three different States. There is no major power generation in the Union Territory of Puducherry. The requirement of power for the Puducherry region is met from the allocation of power from the Central Generating Stations and partly from the TANGEDCO. The power requirement of Karaikal region is met from the Puducherry Power Corporation Limited and from the TANGEDCO. While the requirement of power in Yanam region is met from central generating stations, the power requirement of Mahe region is fulfilled by availing power from Kerala State Electricity Board. The total power allocation from CGS is 355 MW, the power availed from TANGEDCO is 76 MW. 32 MW of power is availed from PPCL and around 5 MW of power is availed from Kerala State Electricity Board.

The power position at present is comfortable to meet the requirement of the UT of Puducherry. Further, the increasing power demand of the UT of Puducherry would be met if the already confirmed allocation of power to tune of 67 MW from on-going Kudankulam Atomic Power Station power projects is made

POWER INFRASTRUCTURE

Power to Puducherry region is fed through three numbers of 230/ 110 KV auto Sub-Stations with total installed capacity of 560 MVA. Ten 110/22-11 KV Sub-Stations with a total installed capacity of 403 MVA are connected to the above auto Sub-stations. Power to Karaikal region is fed through two numbers of the 110/11 KV Sub-Stations with installed capacity of 80 MVA owned by EDP and one number of the 110/ 11 KV Sub-Station owned by PPCL with installed capacity of 30 MVA owned by Puducherry Power Corporation Limited. In Mahe region, there is one 110/11 KV Sub-station of capacity 20 MVA and in Yanam region, there is one 132/33-11 KV Sub-station of capacity 36 MVA and one 33/11 KV Sub-station of capacity 10 MVA.

SMART GRID

The Government of India, Ministry of Power has taken up the process of establishment of SMART GRIDS in India with an objective of achieving most efficient management of Distribution system and to deliver best possible service to consumers. For this purpose MOP has set up INDIA SMART GRID TASK FORCE (ISGTF) and INDIA SMART GRID FORUM (ISGF) to advice on issues related to implementation of SMART

GRID projects. While ISGTF is an inter-ministerial task force comprising of the Finance Ministry, Planning Commission, Department of Information & Technology, Dept. of Telecommunication, Home Ministry, Ministry of Defence, Chaired by Shri Sam Pitroda, Advisor to Prime Minister, ISGF is a Public private partnership with the objective of utilizing the vast knowledge and resources available in the industry, academia and research for development of smart grid technologies in India.

OUTLAY AT A GLANCE

Sector : POWER

No. of Schemes : 11

Department : ELECTRICITY

(₹ in lakh)

Annual Plan 2012-13 Actual Expenditure	:	5316.50
Annual Plan 2013-14 Approved Outlay	:	7992.30
Annual Plan 2013-14 Revised Outlay	:	9295.51
Annual Plan 2014-15 Proposed Outlay	:	6648.00

(₹ in lakh)

Sl. No.	Name of the Scheme	Annual Plan 2012-13	Annual Plan 2013-14		Annual Plan 2014-15	
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Erection / upgradation of 230KV and 110 KV Primary Main Sub-stations and providing EHT lines in the UT of Puducherry	1713.55	2162.79	1764.31	1765.00	1400.00
2	Conversion of HT over head lines into UG cables, Modernisation and Augmentation of existing 11 KV RMS system and Rationalisation and Improvement of distribution in urban areas.	292.81	398.93	367.52	400.00	200.00
3	Providing meters for all consumers under 100% metering programme.	44.25	323.09	55.59	60.00	40.00
4	System improvement for reduction of transmission and distribution losses.	407.24	626.04	596.13	600.00	150.00

Sl. No.	Name of the Scheme	Annual Plan 2012-13	Annual Plan 2013-14		Annual Plan 2014-15	
		Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay	Of which Capital Content
(1)	(2)	(3)	(4)	(5)	(6)	(7)
5	Extension and Development of power supply to all categories of consumers and Street Lights.	913.38	887.11	997.08	998.90	600.00
6	Modernisation of billing methods and development and e-Governance initiatives and improvement of communication methods	36.99	67.15	61.45	68.00	20.00
7	Establishment of computer based system monitoring centre at Pondicherry	778.79	814.89	794.50	815.00	750.00
8	Research and development setting up of standards laboratory.	104.72	149.22	138.92	150.00	150.00
9	Formation of electrical inspectorate and licensing board/ Regulatory Commission Liaison Cell, for Pondicherry.	--	0.08	0.01	0.10	--
10	Rural electrification	23.47	59.00	59.00	59.00	59.00
11	Human resources development	1.30	4.00	4.00	4.00	--
	Negotiated Loan	1000.00	2500.00	4457.00	1728.00	1728.00
Total		5316.50	7992.30	9295.51	6648.00	5097.00

Scheme No. 1

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Erection / Establishment /Up gradation / Providing of 230KV and 110 KV Primary Main Sub-stations and EHT lines in the UT of Puducherry.

2. Objective of the Scheme :

To meet the growing Power demand of the Pondicherry region. To stabilise the supply condition, to meet the growth of load, to locate EHT sub-stations at load centre's and to reduce transmission line losses.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

(i) Establishment of a new 230/110 KV Thondamanatham Auto Sub Station.

- Works completed for establishment of a new 230/110 KV Thondamanatham Auto Sub Station and successfully test commissioned.
- Erection of 230 KV Villianur – Ramanathapuram - Bahour line – 14.57 Kms
- The works of erection of 230 KV Ramanathapuram – Thondamanatham line-I - 4.40 kms completed and energized.
- The works of erection of 230 KV Ramanathapuram – Thondamanatham line-II - 3.49 kms completed and energized.
- LILO of 110 KV Sederapet – Kurumbapet line – 2.19 kms energized.
- LILO of 110 KV Thethampakkam - Thirubuvanai line – 6.47 kms energized.
- Preliminary works commenced for the establishment of a new 230/110 Auto Sub Station at Karaikal.

(ii) R & M works at 110/22 KV Villianur Sub Station:

- All major supply items except control panel and relay panels are received at site.
- Control room civil works and finishing works carried out.
- 27 out of 96 foundations for 110 KV equipments completed.
- 10 out of 14 foundations for 110 KV towers completed.

(iii) Strengthening of 110 KV Villianur - Bahour line:

- Erection of 4 nos. of foundations out of 49 foundations completed.
- 26 nos. of 110 KV towers erected out of 49 nos. of towers.
- 1.8 Kms of line stringing completed out of 12.35 Kms.

(iv) Erection of 110 KV Sederapet – Kalapet line.

- Out of 12 Kms, 8 Kms of 110 KV line completed and 5 Kms is Right of Way issue problem.

(v) Establishment of 110/11 KV Vengata Nagar Sub Station.

- Pile foundation works completed for Switch yard.
- Pile foundations completed for control room.
- Equipment erection viz., CBs, CTs, CVTS, BPLS, LAS etc., completed.
- Marapalam bay extension works for connecting the new Vengata Nagar Sub Station has been commenced.
- Major equipments arrived at site.
- 8.2 Kms of 110 KV UG cable were received at site.
- Primary cable route survey for laying of 110KV UG cable commenced.
- 64 nos. of trial pits completed.

4. Physical Achievements for the Annual Plan 2013-14:

(i) Establishment of 230/110 Auto Sub Station at Karaikal.

- Despite department's best efforts, PIPDIC was unable to allocate additional land at Polagam. Hence, the department identified a vacant space available at the existing Pillaitheruvasal Sub Station premises for establishment of 230/110 KV Auto Sub Station.
- In-principle approval and expenditure sanction of the Government has been obtained for the establishment of 230/110 KV Sub Station at Karaikal.

(ii) R & M works at 110/22 KV Villianur Sub Station.

- Completion of civil works including finishing works of control room.
- Completion of cable trench works.
- Completion of 110 KV equipment foundation works for 27 nos. out of 96 nos. and 11 out of 14 tower foundations.
- Erection of new panels in the control room.
- Erection of GI structures in the new foundations.
- All major items arranged to be supplied at site.

(iii) Strengthening of 110 KV Villianur – Bahour line.

- Completion of foundations for 40 nos. out of 49 nos.
- Erection of 27 nos. of towers out of 49 nos.
- Stringing of 110 KV line to a length of 6.8 Kms out of 12.35 Kms.
- Energisation of 110 KV line from Bahour – Korkadu section on 23-01-2014.

(iv) Establishment of 110/11 KV Vengata Nagar Sub Station.

- 80 % of Sub Station erection works were completed including erection of 2 nos. of 31.5 MVA Power Transformers, major 110 KV & 11 KV equipments.

- Construction of control room works completed, finishing works of ground floor and works in second floor is in progress.
 - 110 KV UG cable to a length of 26.86 Kms were received at site, Optic Fiber cable to a length of 7.00 Kms and straight through jointing kits accessories received at site.
 - Approximately 3.3 Kms of 110 KV UG cable laid.
- (v) Establishment of 110/22 KV Sub Station at Thondamanatham
- 10 % payment made to M/s PGCIL for commencement of preliminary works.
- (vi) Establishment of 110/22 KV Sub Station at Lawspet, Puducherry.
- Part of land bearing RS No.217/6 having an extent of 00-37-00 HAC has been purchased.
 - Land Acquisition process is under way to acquire 00-28-78 HAC land through Deputy Collector Revenue (North) cum Land Acquisition Officer, Puducherry.

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- R&M works at Villianur 110/22KV SS.
- Strengthening of 110KV Villianur –Bahour line.
- Commissioning of 110/11KV Vengata Nagar sub-station.
- Erection of 110KV line Sedarapet-Kalapet line.
- Establishment of 110/22KV sub-station at Lawspet.
- Establishment of 110/22KV sub-station at Thondamanatham in the 230/110KV Auto SS premises.
- Establishment of 110/22KV sub-station at Thavalakuppam, Puducherry.
- Augmentation of 110/22KV Kurumbapet sub-station with 2X25 MVA power transformer by replacing the existing 2 X 16MVA transformer.
- Augmentation of 110/22KV Villianur SS with 2 X 25 MVA power transformers by replacing 3 X 10 MVA power transformers.
- Renovation and Modernization work at 110/11KV Sorakudi sub-station at Karaikal.
- Renovation and Modernization work at Marapalam 110/22-11KV sub-station.
- Strengthening of Marapalam - Villianur 110KV line.
- Extension of 2nd circuit of 110 KV Villianur-Bahour feeder from 230/110 KV Bahour Auto SS with bay equipment arrangement.
- Creation of posts for Vengata Nagar 110/11 KV SS and procurement of vehicles for the Vengata Nagar 110/11 KV SS

6. Remarks : Continuing Scheme

Scheme No. 2

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Conversion of HT over head lines into UG cables, Modernisation and Augmentation of existing 11 KV RMS system and Rationalisation and Improvement of distribution in urban areas.

2. Objective of the Scheme :

To meet the rapidly growing demand for Power in and around Pondicherry, Karaikal and Yanam with stabilized system parameter and reduced line losses by providing underground cable distribution system and convert existing overhead lines into under ground cable system in selected urban areas. To provide additional Power supply through 11 KV feeders to the existing Ring Main system and strengthening the same to meet the load growth in urban areas.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

Sl.No.	Item description	Units	Achievement
1.	HT UG Cable laid	Kms.	1.223
2.	LT Cable laid	Kms.	11.723
3.	Conversion of OH service into UG cable system	Nos.	474
4.	Conversion of OH Street lights into UG cable system	Nos.	46
5.	Erection of 11 KV distribution transformers	Nos.	1
6.	Erection of Switch Gears	Nos.	19
7.	Erection of Pillar Box	Nos.	10

4. Physical Achievements for the Annual Plan 2013-14:

Sl.No.	Item	Units	Achievement
1.	Laying of HT cables	Kms.	2.419
2.	Laying of LT cables	Kms.	4.449
3.	Conversion of OH service into UG cable system	Nos.	21
4.	Conversion of OH Street lights into UG cable system	Nos.	55
5.	Erection of 11 KV distribution transformers	Nos.	2
6.	Erection of Switch Gears	Nos.	7
7.	Erection of Pillar Box	Nos.	11

5. Proposed Physical Targets for the Annual Plan 2014-15 :

Sl.No.	Item	Units	Target
1.	Laying of HT cables	Kms	3.200
2.	Laying of LT cables	Kms	17.000
3.	Conversion of OH service into UG cable system	Nos	700
4.	Conversion of OH Street lights into UG cable system	Nos	75
5.	Erection of 11 KV distribution transformers	Nos.	5
6.	Enhancement of 11 KV distribution transformers	Nos.	5
7.	Erection of Switch Gears	Nos.	10
8.	Erection of pillar box	Nos	22

6. Remarks : Continuing Scheme

Scheme No. 3

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Providing meters for all categories of consumers under 100% metering Programme.

2. Objective of the Scheme :

The objective of the scheme is to provide meters in the distribution system upto 11 KV feeders and for all categories of consumers.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

- Converted Existing Electromechanical meter by Electronic digital meter in the L.T. services.
- Provided LT CT tri-vector meters in the distribution transformers in Thirukkanur, Katterikuppam and vadhanoor O&M areas.

4. Physical Achievements for the Annual Plan 2013-14:

- Converted Existing Electromechanical meter by Electronic digital meter in the L.T. services.

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- Provision of static meters in existing Electromechanical meter in the L.T. services inclusive of OHOB service connection.
- Provision of DLMS compatible static meters on distribution transformers with the Meter box, CT and its associated accessories.

➤ Procurement of

- DLMS meter for new HT service connection
- DLMS meter to replace existing LT serine by HT service connection (0.5s Class)
- DLMS meter to feeder meter in substation (0.5 Class)
- DLMS meter to replace defective meters in existing LT CT service connection and replacement of electromechanical meter by static energy meter.
- Metering cubicle for LT service connection in HT industry.
- Vehicle for LT Metering.
- Reference Standard meter / Phantom Load kit.

6. **Remarks** : Continuing Scheme

Scheme No. 4

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : System improvement for reduction of transmission and distribution losses

2. **Objective of the Scheme** :

To provide link line with the existing HT feeders and connect up with the existing and new EHV sub-stations to feed additional loads and to reduce the route length of the existing feeders in order to bring down the line losses. To provide additional HT feeders and strengthening the existing HT feeders to feed the additional loads to bring down the voltage regulation within statutory limit and to reduce line losses in the system.

3. **Actual Physical Achievements made in the Annual Plan 2012-13 :**

Sl. No	Item	Units	Achievement
1.	Transformers energized	Nos.	24
2.	Transformers enhanced	Nos.	12
3.	HT Line laid	Kms.	10.994
4.	LT Line laid	Kms.	10.045
5.	HT Line Strengthened	Kms.	2.025
6.	LT Line Strengthened	Kms.	7.590
7.	HT U.G Cable laid	Kms.	0.609
8.	LT U.G Cable laid	Kms.	1.960

4. Physical Achievements for the Annual Plan 2013-14:

Sl.No.	Item	Units	Achievement
1.	Transformers erected	Nos	20
2.	Transformers enhanced	Nos	13
3.	HT Lines energized	Kms	7.227
4.	LT Lines energized	Kms	13.150
5.	HT Lines strengthened	Kms	0.635
6.	LT Lines strengthened	Kms	12.000

5. Proposed Physical Targets for the Annual Plan 2014-15 :

Sl.No.	Item	Units	Target
1.	Transformers to be energized	Nos	30
2.	Transformers to be enhanced	Nos	18
3.	HT Lines to be erected	Kms	17.000
4.	LT Lines to be erected	Kms	15.000
5.	HT Lines to be strengthened	Kms	2.000
6.	LT Lines to be strengthened	Kms	8.000
7.	LT UG Cables Laid	Kms	2.000

6. Remarks : Continuing Scheme

Scheme No. 5

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Extension and Development of power supply to all categories of consumers and Street Lights.

2. Objective of the Scheme :

To provide adequate and comprehensive infrastructure facilities for all categories of consumers, to make use of ground water potential for agricultural purposes, to provide better living conditions to the house/colonies and strengthen the existing distribution system for more stable conditions and to provide additional street lights to ensure better living conditions of the public. To improve the distribution system so as to ensure reliable power supply.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

Sl.No	Item	Units	Achievement
1.	Transformer energized	Nos	2
2.	HT Line laid	Kms	1.125
3.	LT Line laid	Kms	8.164
4.	HT Line Strengthened	Kms	1.000
5.	LT Line Strengthened	Kms	0.470
6.	HT Industries energized	Nos	17
7.	LT Industries energized	Nos	80
8.	Domestic Services effected	Nos	9925
9.	Commercial Services effected	Nos	1272
10.	Agriculture Services effected	Nos	24
11.	One Hut One Bulb	OC Nos	03
		SC Nos	03
		Total Nos	06
12.	Street lights	OC Nos	77
13.	Conversion of Street lights	Nos	67

4. Physical Achievements for the Annual Plan 2013-14:

Sl.No	Item	Units	Achievement
1.	Transformers energized	Nos	10
2.	Transformers enhanced	Nos	3
3.	HT Lines laid	Kms	3.01
4.	LT Lines laid	Kms	10.050
5.	LT Lines strengthened	Kms	3.393
6.	HT Industries energized	Nos	17
7.	LT Industries energized	Nos	111
8.	Domestic Services effected	Nos	13946
9.	Commercial Services effected	Nos	1832
10.	Agriculture Services effected	Nos	47
11.	One Hut One Bulb	Nos	47
12.	Street lights	Nos	86

5. Proposed Physical Targets for the Annual Plan 2014-15 :

Sl. No.	Item	Units	Proposed Target	
1.	Transformers to be energized	Nos	20	
2.	Transformers to be enhanced	Nos	10	
3.	HT Lines to be erected	Kms	7.500	
4.	LT Lines to be erected	Kms	15.000	
5.	HT Lines to be strengthened	Kms	1.250	
6.	LT Lines to be strengthened	Kms	1.500	
7.	HT Industries	Nos	20	
8.	LT Industries	Nos	120	
9.	Domestic Services effected	Nos	9000	
10.	Commercial Services effected	Nos	1200	
11.	Agriculture Services effected	Nos	20	
12.	One Hut One Bulb	OC	Nos	10
		SC	Nos	10
		Total	Nos	20
13.	Street lights	OC	Nos	10
		SC	Nos	10
		Total	Nos	20
14.	Conversion of Street lights	Nos	25	

6. Remarks : Continuing Scheme

Scheme No. 6

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Modernisation of billing methods and development and 'E' Governance initiatives and improvement of communication methods of the Electricity Department Puducherry.

2. Objective of the Scheme :

To modernize issue of bills for current consumption charges, payments and other commercial and technical activities by introducing computers and to establish effective communication network among various sub-stations and O&M sections for minimizing power interruption period.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

- Procurement of additional computer systems, data processing forms and consumables and maintenance of computer systems and UPS.
- Introduction of Spot billing system in Part of Bahour area and Karaiyambuthur.

4. Physical Achievements for the Annual Plan 2013-14:

- Replacement of Personal computers with Printers.
- Procurement of Data processing forms and consumables.
- Finalization of Annual maintenance contract for computer systems, peripherals and UPS units.

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- Upgrading of existing Network and Computer systems and procurement of data processing forms and consumables and maintenance of computers and UPS.
- Introduction of E-Governance as per Government of India guidelines.
- Development of Internet web pages / Intranet for the Department.
- Establishment of Call Centre for attending Fuse off call complaints round the clock.
- Implementation of Part-A of R-APDRP scheme in the UT of Puducherry.

Negotiated Loan

- Part-A is to build an IT infrastructure and SCADA system
- Under R-APDRP-Part-B is to strengthen the power distribution system.

Under R-APDRP-PART-A SCADA

- Setting up of power supply outage management system in Puducherry urban area. (Eligible only for towns with more than 4 lakhs population)
- Automation of operation and control of feeders and isolators and monitoring of power outflow
- Establishment of localized data centre at Puducherry.
- Setting up of communication facilities with remote terminal units and data centre.

Under R-APDRP-Part-B.

- Part-B is to strengthen the power distribution system.
- Setting up of new sub-stations and augmentation of capacity of existing sub-stations.
- Renovation and modernization of existing sub-stations

- Establishment of new distribution feeders and strengthening of existing distribution feeders.
- Erection of new distribution transformers and enhancement of capacity of existing distribution transformers
- Replacement of existing defective meters and conversion of existing electromechanical meters with electrostatic meters

Facility to be availed by the consumers of electricity:

- Automatic entry and transfer of meter reading data through meter reading instrument (MRI) and scheduling of billing Decentralized processing, printing of bills and notices
- 24x7 online internet bill payment and establishment of anywhere bill payment counters.
- Online access of power consumption, bill dues, bill payments, service conditions and meter working conditions.
- Online alerts (email & SMS) upon generation of bills and reminder for payment of dues.
- Registration and monitoring of complaints and grievances through 24x7 call centre operation.
- It is also proposed to extend the R-APDRP scheme to rural areas in Puducherry and Karaikal

R-APDRP-PART-A (IT)

- M/s Power Finance Corporation has sanctioned a total loan amount of **Rs.15.01 crores** under Part A of R-APDRP scheme in the Union Territory of Puducherry. Out of the above amount, an amount of **Rs. 4.50 Crores** has been availed as first tranche during the year 2012-2013. The balance amount of **Rs.10.52 Crores** is proposed to be availed during the year 2014-2015.

The balance payment is required for :-

- Procurement of current transformers
- Procurement of SMC metering boxes for installation of AMR meters in Distribution Transformers.
- Payment to ITIA after :-
 - Installation of Servers and hardware items for Customer care centre in Puducherry, Data centre at Chennai and Data Recovery centre at Madurai.
 - Installation of systems and peripherals to the Customer care centre, Sub-Divisional Offices and Other Offices.
 - Setting up of communication back bone and Networking arrangement for the above offices to the Data centre.

6. Remarks : Continuing Scheme

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : Establishment of Computer based system monitoring centre in Pondicherry.

2. **Objective of the Scheme** :

To have control of the 110 KV Sub-stations for data acquisition and Tele-metering and Tele-operation.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

- Payment of Unified Load Dispatch Centre charges, Insurance charges, SCADA & MW, Annual Maintenance Charges to Power Grid Corporation Of India Limited (PGCIL)

4. Physical Achievements for the Annual Plan 2013-14:

- Payment of ULDC charges including the 30% balance charges for the period 2013-14, besides payment of Annual Maintenance Charges for SCADA, etc.,
- Under the ULDC upgradation project the existing SCADA systems of the Southern Regional Constituents commissioned during the year 2002 are being upgraded / replaced with new systems. The project is under execution by M/s ALSTOM T & D Ltd Noida, with M/s Power Grid Corporation of India Ltd (PGCIL) as the Consultant. The scope of the project includes Establishment of Supervisory Control and Data acquisition (SCADA) system, integration of existing and future remote telemetering units (RTU's) and integration of the existing control Centre with Southern Regional Load Despatch Centre, Bangalore.
- The total cost of the project is Rs 2,88,22,506/- excluding the 15% consultancy charges payable to PGCIL and the applicable service tax on it. The first installment of Rs. 72.67 Lakhs has been paid during 2011-12 and sanction for an amount of Rs 1.47 crores is awaited after which the payment shall be made during this year i.e 2013 - 2014.
- The balance amount of the project along with the consultancy charges, etc works out to about Rs. 90 lakhs which has been projected as the requirement for the financial year 2014 – 2015.

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- An amount of Rs.440.14 lakhs incurred as ULDC tariff bill payment to Power Grid Corporation of India Limited.
- An amount of Rs.18 lakhs has to be incurred for RTU communication equipment upgradation.
- An amount of Rs.180 lakhs has to be incurred for SCADA AMC charges (LTSA) SCC upgradation works.
- An amount of Rs.2.50 is to be incurred for Micro-Wave SMC charges.

6. **Remarks** : Continuing Scheme

Scheme No. 8

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Research and Development, setting up of standards lab.

2. Objective of the Scheme :

To set up a standards lab to test the quality of the electrical items purchased by the department and also that of consumers to ascertain the quality. To modernize the existing Meter and Relay Testing lab by providing with scientific instruments based on the latest technology.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

- Tested and calibrated Instruments such as Standard Reference Meters and protective testing equipments in various standard laboratories.

4. Physical Achievements for the Annual Plan 2013-14:

- Tested and calibrated Instruments such as Standard Reference Meters and protective testing equipments in various standard laboratories.
- Procured automatic transformer oil BDV test kit – 1 No.

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- Setting up of Standard accredited laboratory to test static energy meters as per CEA metering regulation 2006 and direction of JERC.
- Procurement of testing instruments for protection wing such as tan delta test kit and other instruments to set up a protection wing in Karaikal region.
- Procurement of vehicle for Protection Wing.
- Procurement of portable three phase GEN set 3 KVA – 1 No.
- Procurement of Circuit breaker operational analyzers
- Procurement of Current supply unit for LT Metering section.
- Procurement of three phase power measurement meter and power quality analyzer.
- Procurement of testing data management software
- Procurement of other portable instrument such as Clamp on meter, insulation resistance tester etc.

6. Remarks : Continuing Scheme

Scheme No. 9

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Formation of Electrical Inspectorate and licensing board for Pondicherry.

2. Objective of the Scheme :

Electrical Inspectorate for inspection of the electrical installation in the Union Territory of Pondicherry. Licensing board to issue different grades of supervisory permits and contractor licenses to all qualified persons / firms to enable them to undertake electrical installation / maintenance work in the Union Territory of Pondicherry.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

- Procured Stationery items for Licensing Board.

4. Physical Achievements for the Annual Plan 2013-14:

- Procurement of stationary items for Licensing Board.

5. Proposed Physical Targets for the Annual Plan 2014-15 :

- Procurement of stationary items for Licensing Board.
- Formation of Licensing Board for the UT of Puducherry

6. Remarks : Continuing Scheme

Scheme No. 10

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Rural Electrification

2. Objective of the Scheme :

To electrify the villages and Harijan basties. To strengthen the existing LT distribution system by enhancing the existing transformers capacities and strengthening of the LT lines in rural areas.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

Sl.No	Item	Units	Achievement
1.	Transformers energised	Nos	7
2.	Transformer enhanced	Nos	3
3.	HT lines	Kms	1.920
4.	LT lines	Kms	3.210
5.	Strengthening of LT lines	Kms.	1.071

4. Physical Achievements for the Annual Plan 2013-14:

Sl.No	Item	Units	Achievement
1.	Energisation of Transformers	Nos	2
2.	Enhancement of Transformers	Nos.	2
3.	HT Lines	Kms.	0.500
4.	LT lines	Kms	0.750
5.	Strengthening of LT lines	Kms.	0.750

5. Proposed Physical Targets for the Annual Plan 2014-15 :

Sl.No	Item	Units	Target
1.	Energisation of Transformers	Nos	10
2.	Enhancement of Transformers	Nos.	10
3.	HT Lines	Kms.	2.500
4.	LT lines	Kms	5.000
5.	Strengthening of LT lines	Kms.	2.500

6. Remarks : Continuing Scheme

Scheme No. 11

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Human Resources and Development

2. Objective of the Scheme :

The objective of the scheme is to upgrade the knowledge of the officers/staff in Technical/other important sectors like reforms through various means.

3. Actual Physical Achievements made in the Annual Plan 2012-13 :

Sl.No	Item	Units	Achievement
1.	Internal training of Engineers	Nos.	20
2.	Internal training of Line Staff	Nos.	186
3.	External training of Engineers	Nos.	21

4. Physical Achievements for the Annual Plan 2013-14:

Sl.No	Item	Units	Achievement
1.	Internal Training of Officers	Nos	55
2.	Internal Training of staffs	Nos	65
3.	External Training of Officers	Nos	32
4.	External Training of Staff	Nos	23

5. Proposed Physical Targets for the Annual Plan 2014-15 :

Sl.No	Item	Units	Targets
1.	Internal training of Engineers.	Nos	40
2.	Internal training of Line Staff.	Nos	60
3.	External training of Engineers.	Nos	30
4.	External training of Line Staff.	Nos	20

6. Remarks : Continuing Scheme