

POWER

There is no major power Generation in this Union Territory of Pondicherry. However the Pondicherry Power Corporation has established a 32.5 MW Combined Cycle Gas Power Plant at Karaikal and power thus generated is being utilized by Karaikal region only. The Pondicherry Power Corporation Limited has also proposed to expand the plant by 100 MW during Tenth Plan period. No outlay has been earmarked for the expansion project during the Tenth Plan.

During 2006- 2007 It is proposed to commission 80 numbers of new distribution transformers of various capacities and enhance the capacity of 70 numbers of existing distribution transformers. To erect 23.000 Kms of new HT lines and 71.500 Kms of new LT lines and also strengthen 4.00 Kms of existing HT lines and 39.500 Kms of existing LT lines. With the energisation of the above mentioned works, it is proposed to connect 8700 numbers of domestic services, 1250 numbers of commercial services, 40 numbers of agricultural services, 10 numbers of HT Industrial services, 135 numbers of LT Industrial Services and 725 numbers of OHOB services. 1340 numbers of new Street lights are also proposed to be energized during this period. It is also proposed to lay and energize 6.000 Kms of new HT cables and 33.500 Kms of new LT cables, to convert 1800 numbers of Over Head services and 150 numbers of Over Head Street lights into Under Ground cable system. It is proposed to impart internal training to 30 officers and 40 staff and to impart external training to 10 officers and 5 staff. Further it is proposed to upgrade the existing computer system network, procure additional computer systems and system software packages. It is also proposed to introduce computerized spot billing system in all the regions of Union Territory of Pondicherry.

OUTLAY AT A GLANCE

Sector : POWER

No. of Schemes : 21

Department : ELECTRICITY

(Rs. in lakh)

Tenth Plan 2002-07 Approved Outlay	:	16500.00
Annual Plan 2004-05 Actual Expenditure	:	3086.74
Annual Plan 2005-06 Approved Outlay	:	3400.00
Annual Plan 2005-06 Revised Outlay	:	3400.00
Annual Plan 2006-07 Proposed Outlay	:	8018.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	2004-05	2005-06		2006-07
		Actual Expenditure	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)
1.	Erection of 230/110 KV Sub-station with 2x80 MVA auto transformer at Bahour	126.55	34.80	34.80	36.45
2.	Providing additional primary main sub-station & EHT lines in the UT of Pondicherry.	262.07	290.00	290.00	293.07
3.	Rationalisation and improvement of distribution in urban areas.	167.29	171.30	171.30	174.29
4.	Conversion of HT overhead lines into UG cable system and formation of 11 KV RMS in Pondicherry.	236.63	145.00	145.00	215.64
5.	System improvement for reduction of transmission and distribution losses	324.29	318.00	318.00	379.63
6.	Extension and development of power supply to industries	217.56	207.00	207.00	215.30
7.	Extension and development of power supply to Domestic, Commercial and Agricultural Services.	221.11	200.00	200.00	236.72
8.	Extension and development of power supply to EWS and street lights.	210.99	337.00	337.00	360.58

(1)	(2)	(3)	(4)	(5)	(6)
9.	Upgradation of existing primary Main SS and providing new primary main SS and EHT lines in the UT of Pondicherry.	842.41	1030.00	1030.00	1251.82
10.	Modernisation of billing methods & development and e-governance initiatives	44.14	42.00	42.00	42.00
11.	Providing communication network for the Electricity Department	5.59	5.60	5.60	5.65
12.	Establishment of computer based system monitoring centre at Pondicherry.	264.88	262.00	262.00	452.75
13.	Research and development - setting up of standard laboratory.	70.97	71.00	71.00	72.00
14.	Formation of Electrical inspectorate and licensing board for Pondicherry.	0.10	0.10	0.10	0.10
15.	Rural Electrification (BNP)	53.38	54.00	54.00	54.00
16.	Human Resources and Development	9.40	6.00	6.00	6.00
17.	Providing meters for all consumers under cent percent metering programme.	29.38	26.00	26.00	22.00
18.	Establishment of third 230 KV Sub-station at Pondicherry.	--	0.10	0.10	1500.00
19.	Erection of 230 KV lines from Villianur 230 KV sub-station to the Approved 230 KV sub-station.	--	0.10	0.10	500.00
20.	Reconstruction works in Tsunami affected areas	--	200.00	200.00	200.00
21.	Establishment of Gas Insulated sub-station at Pondicherry.	--	--	--	2000.00
Total		3086.74	3400.00	3400.00	8018.00

Scheme No. 1

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : Erection of 230/110 KV sub-station with 2 x 80 MVA Auto Transformer at Bahour.
2. **Objective of the Scheme** :
To meet the growing power demand of the Pondicherry region.
- 3.(a) **Actual physical Achievement 2004-05** : --
- (b) **Anticipated Physical Achievement 2005-06** : --
- (c) **Programme envisaged for Annual Plan 2006-07** :
Balance payment to be deposited to Tamil Nadu Electricity Board towards establishment of Bahour 230/110 KV Sub-Station.
4. **Remarks** : Continuing Scheme.

Scheme No. 2

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : Providing additional primary main sub-station and EHT lines in the Union Territory of Pondicherry.
2. **Objective of the Scheme** :
To stabilise the supply condition, to meet the growth of load, to locate EHT sub-stations at load centres and to reduce transmission line losses.
- 3.(a) **Actual physical Achievement 2004-05** : --
- (b) **Anticipated Physical Achievement 2005-06** : --
- (c) **Programme envisaged for Annual Plan 2006-07** : --
4. **Remarks** : Continuing Scheme.

Scheme No. 3

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : 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.

3.(a) Actual physical Achievement 2004-05 :

i.	HT UG Cable	-	0.400	Kms.
ii.	LT cables laid	-	30.411	Kms.
iii.	Conversion of OH service into UG cable system	-	1404	Nos.
iv.	Conversion of OH Street lights into UG cable system	-	155	Nos.

(b) Anticipated Physical Achievement 2005-06 :

i.	Laying of LT cables	-	33.500	kms.
ii.	Erection of pillar box	-	20	Nos.
iii.	Conversion of OH service into UG cable system	-	1800	Nos.
iv.	Conversion of OH Street lights into UG cable system	-	150	Nos.

(c) Programme envisaged for Annual Plan 2006-07 :

i.	Laying of LT cables	-	33.500	kms.
ii.	Erection of pillar box	-	20	Nos.
iii.	Conversion of OH service into UG cable system	-	1800	Nos.
iv.	Conversion of OH Street lights into UG cable system	-	150	Nos.

4. **Remarks** : Continuing Scheme

Scheme No. 4

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : Conversion of HT overhead lines into underground cable system

2. **Objective of the Scheme** :

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.(a) Actual physical Achievement 2004-05 :

i.	Erection of new transformers	-	5	Nos.
ii.	Enhancement of transformer	-	1	Nos.
iii.	HT cables laid	-	5.368	kms.

iv.	Erection of switch gear	-	6 Nos.
v.	Erection of pillar box	-	6 Nos.

(b) Anticipated Physical Achievement 2005-06 :

i.	Erection of additional transformers	-	5 Nos.
ii.	Enhancement of transformer	-	5 Nos.
iii.	Laying of HT cables	-	6.000 kms.
iv.	Erection of switch gear	-	10 Nos.
v.	Procurement of a Mini Lorry and a Bolero vehicles.		

(c) Programme envisaged for Annual Plan 2006-07 :

i.	Erection of additional transformers	-	5 Nos.
ii.	Enhancement of transformer	-	5 Nos.
iii.	Laying of HT cables	-	6.000 kms.
iv.	Erection of switch gear	-	10 Nos.
v.	Procurement of vehicles		
vi.	Creation of posts.		

4. Remarks : Continuing Scheme

Scheme No. 5

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.(a) Actual physical Achievement 2004-05 :

i.	Transformers energized	-	44 Nos.
ii.	Transformer enhanced	-	30 Nos.
iii.	HT lines laid	-	9.576 kms.
iv.	LT lines laid	-	4.993 kms.
v.	HT lines strengthened	-	3.460 kms.
vi.	LT lines strengthened	-	32.817 Kms.
vii.	LT capacitors (10 / 20 KVAR)	-	-/9 Nos
viii.	LT U.G. cable laid		1.402 Kms.
ix.	Procurement of a Mini Lorry and Tempo Trax		

(b) Anticipated Physical Achievement 2005-06 :

i.	Transformers to be erected		36 Nos.
ii.	Transformers to be enhanced		38 Nos.
iii.	HT Lines to be energized		13.500 Kms.

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|-------|--|-------------|
| iv. | LT Lines to be energized | 5.000 Kms. |
| v. | HT Lines to be strengthened | 4.000 Kms. |
| vi. | LT Lines to be strengthened | 19.000 Kms. |
| vii. | LT Capacitors to be erected (10/20 KVAR) | 25/25 Nos. |
| viii. | Procurement of a Bolero Vehicle. | |
| ix. | Procurement of T&P items. | |
| x. | Providing telephone facilities. | |

(c) Programme envisaged for Annual Plan 2006-07 :

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|-------|---|------------|
| i. | Transformers to be energized | 36 Nos |
| ii. | Transformers to be enhanced | 28 Nos |
| iii. | HT Lines to be erected | 13.500 Kms |
| iv. | LT Lines to be erected | 5.000 Kms |
| v. | HT Lines to be strengthened | 4.000 Kms |
| vi. | LT Lines to be strengthened | 19.000 Kms |
| vii. | LT Capacitor to be erected (10/20 KVAR) | 25/25 Nos |
| viii. | Procurement of T&P items | |
| ix. | Providing telephone facilities. | |
| x. | Procurement of vehicles. | |

4. Remarks : Continuing Scheme

Creation of functional and ministerial posts

Scheme No. 6

Sector : POWER

Implementing Department : ELECTRICITY

- 1. Name of the Scheme :** Extension and development of power supply to Industries.
- 2. Objective of the Scheme :**

To provide adequate and comprehensive infra structure facilities for the Industries development. To improve the distribution system so as to ensure reliable power supply.

3.(a) Actual physical Achievement 2004-05 :

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|------|-------------------------|---|-----------|
| i. | Transformer energized | - | 26 Nos |
| ii. | Transformer enhanced | - | 20 Nos |
| iii. | HT Line laid | - | 5.078 Kms |
| iv. | LT Line laid | - | 5.555 Kms |
| v. | LT Line Strengthened | - | 1.685 Kms |
| vi. | HT Industries energized | - | 18 Nos |
| vii. | LT Industries energized | - | 163 Nos |

(b) Anticipated Physical Achievement 2005-06 :

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|------|------------------------------|-----------|
| i. | Transformers to be energized | 29 Nos |
| ii. | Transformers to be enhanced | 17 Nos |
| iii. | HT Lines to be laid | 6.000 Kms |

iv.	LT Lines to be laid	6.000	Kms
v.	LT Lines to be strengthened	3.000	Kms
vi.	HT Industries energized	11	Nos
vii.	LT Industries energized	135	Nos
viii.	Procurement of Vehicles (Two Wheelers)	2	Nos
ix.	Procurement of T&P items		
x.	Construction of office building at Boomianpet, Sedurapet and Bahour and Construction of additional staff quarters at Main office, Pondicherry.		
xi.	Providing telephone facilities		

(c) Programme envisaged for Annual Plan 2006-07 :

i.	Transformers to be energized	29	Nos
ii.	Transformers to be enhanced	17	Nos
iii.	HT Lines to be erected	6.000	Kms
iv.	LT Lines to be erected	6.000	Kms
v.	LT Lines to be strengthened	3.000	Kms
vi.	HT Industries	11	Nos
vii.	LT Industries	135	Nos
viii.	Procurement of vehicle		
ix.	Procurement of T&P Items		
x.	Construction of office buildings at Boomianpet, Sedarapet and Bahour and construction of additional Staff quarters at Main office, Pondicherry.		
xi.	Providing telephone facilities		

4. Remarks : Continuing Scheme

Creation of functional posts

Scheme No. 7

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Extension and development of power supply to Domestic, Commercial and Agricultural Services.

2. Objective of the Scheme :

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.

3.(a) Actual physical Achievement 2004-05 :

i.	Transformers energized	6	Nos
ii.	Transformers enhanced	4	Nos
iii.	HT Line laid	1.630	Kms
iv.	LT Line laid	42.569	Kms
v.	LT Line Strengthened	4.005	Kms
vi.	Domestic Services effected	9589	Nos

vii.	Commercial Services effected	1455	Nos
viii.	Agriculture Services effected	53	Nos
ix.	LT UG Cable laid	0.970	Kms.
xi.	Procurement of one Tempo Trax		

(b) Anticipated Physical Achievement 2005-06 :

i)	Transformer to be energized	6	Nos
ii)	Transformer to be enhanced	4	Nos
iii)	HT Lines to be laid	2.000	Kms
iv)	LT Lines to be laid	35.500	Kms
v)	LT Lines to be strengthened	5.500	Kms
vi)	Domestic Services to be effected	8700	Nos
vii)	Commercial Services to be effected	1250	Nos
viii)	Agricultural Services to be effected	40	Nos
ix)	Procurement of one lorry.		
x)	Procurement of T&P items		
xi)	Provision of telephone facilities		

(c) Programme envisaged for Annual Plan 2006-07 :

i)	Transformer to be energized	6	Nos
ii)	Transformer to be enhanced	4	Nos
iii)	HT Lines to be laid	2.000	Kms
iv)	LT Lines to be laid	35.500	Kms
v)	LT Lines to be strengthened	5.500	Kms
vi)	Domestic services to be effected	8700	Nos
vii)	Commercial services to be effected	1250	Nos
viii)	Agricultural services to be effected	40	Nos
ix)	Procurement of T&P items		
x)	Procurement of vehicle		
xi)	Provision of telephone facilities		

4. Remarks : Continuing Scheme

Creation of functional posts

Scheme No. 8

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Extension and development of power supply to EWS and street lights.

2. Objective of the Scheme :

To provide additional street lights to ensure better living conditions of the public. To compare the living conditions of hut dwellers both in urban and rural areas by extending Electricity facility at free of cost. To extend Electricity at free of cost to the houses

constructed under Chief Minister's 5000 houses programme and by the Directorate of Welfare of adi-dravidar castes.

3.(a) Actual physical Achievement 2004-05 :

Transformers energized		1	No.
Transformers enhanced		1	No.
HT line laid		0.400	Kms.
LT Line laid		40.670	Kms
LT Line strengthened		4.435	Kms
One Hut One Bulb	OC	452	Nos
	SC	424	Nos
	Total	876	Nos
Street lights	OC	1397	Nos
	SC	247	Nos
	Total	1644	Nos
Conversion of Street lights		274	

(b) Anticipated Physical Achievement 2005-06 :

Energisation of Transformer		2	Nos.
Enhancement of Transformer		1	No.
LT Lines		25.000	Kms
Strengthening of LT lines		4.000	Kms.
One Hut One Bulb Services	OC	525	Nos
	SC	200	Nos
	Total	725	Nos
Street lights energized	OC	1100	Nos
	SC	240	Nos
	Total	1340	Nos
Conversion of Street lights		200	Nos.
Procurement of three nos. of Hydraulic Access Platform facilities.			
Procurement of T&P items			
Providing telephone facilities			
Construction of building			

(c) Programme envisaged for Annual Plan 2006-07 :

Energisation of Transformer		2	Nos.
Enhancement of Transformer		1	No.
LT Lines		25.000	Kms
Strengthening of LT lines		4.000	Kms.
One Hut One Bulb Services	OC	525	Nos
	SC	200	Nos
	Total	725	Nos
Street lights energized	OC	1100	Nos
	SC	240	Nos
	Total	1340	Nos
Conversion of Street lights		200	Nos.
Procurement of three nos. of Hydraulic Access Platform facilities.			
Procurement of T&P items			
Providing telephone facilities			
Construction of building			

4. Remarks : Continuing Scheme
Creation of functional posts

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Upgradation of the existing primary main sub-station and providing new primary main sub-station and EHT lines in the Union Territory of Pondicherry.

2. Objective of the Scheme :

To meet the additional Power demand to locate the EHV Sub-station at load centres and to reduce transmission losses.

3.(a) Actual physical Achievement 2004-05 :

- i) Additional land measuring 0-07-00 HA acquired from Hindu Religious Institution for the establishment of 110/22 KV Korkadu Sub-Station.
- ii) 22/11 KV capacitor banks were erected and commissioned at Marapalam, Villianur, Thirubuvanai, Thethambakkam, Eripakkam, Sorakudy and Mahe EHV Sub-Stations.
- iii) The second 16 KVA power transformer was commissioned at Pillaitheeruvasal sub-station.
- iv) Part payment made to POWER GRID towards the establishment of 110/22 KV Korkadu sub-station.
- v) Part payment made to POWER GRID towards renovation and modernisation works at Kurumbapet EHV sub-stations.
- vi) Part payment made to POWER GRID towards augmentation of 132/11KV Mettakur Sub-Station at Yanam by erecting additional 132/33 KV power transformer, erection of new 33/11 KV Mettakur Sub-Station at Adavipolam, Yanam, alongwith erection of a 33 KV Single Circuit line from existing 132/11 KV Mettakur Sub-Station, Yanam, to the newly proposed 33/11 KV sub-station at Adavipolam.
- vii) Part Payment made to Power Grid towards erection of 110 KV line from Thirubuvanai to the Thembakkam EHV Sub-Station.
- viii) Payment made towards shifting of 10 MVA power transformer from Marapalam to Villianur EHV Sub-Stations.
- ix) Balance payment made to POWER GRID towards erection of 110 KV line from Sederapet to Kalapet EHV Sub-Stations.
- x) Part payment made to POWER GRID towards erection of 110 KV line from Kurumbapet to Sederapet EHV Sub-Stations.
- xi) Part payment made to POWER GRID towards erection of 110 KV line from Bahour 230 KV Auto Sub-Station to Bahour 110 KV Suh-Station.
- xii) Procurement of one number Tempo Trax and one number of Mahindra Max vehicle.
- xiii) Erection of HT lines - 3.695 Kms.
- xiv) Strengthening of HT lines - 6.616 Kms.

(b) Anticipated Physical Achievement 2005-06 :

- i) One number of 10 MVA power transformer has been shifted from Marapalam to Villianur EHV Sub-Station, erected and commissioned.
- ii) The 110/22 KV Korkadu Sub-Station with 2 Numbers of 16 MVA power transformers has been commissioned along with the associated 110 KV lines.

- iii) 110 KV bays have been erected and commissioned at Thethambakkam and Thirubuvanai EHV Sub-Stations.
- iv) Part payment made to POWER GRID towards erection of 110 KV line from Thirubuvanai to the Thethambakkam EHV sub-stations alongwith bay extension works at both sub-stations.
- v) Balance payment made to POWER GRID towards establishment of 110/22 KV Korkadu Sub-Station along with 110 KV line.
- vi) Part payment to POWER GRID towards augmentation of 132/11 KV Sub-Station at Yanam by erecting an additional 16 MVA power transformer and erection of 33/11 KV Sub-Station at Adavipolam, Yanam.
- vii) Payment to Nettapakkam commune Panchayat towards provision of water connection to the newly established Korkadu EHV Sub-Station.
- viii) Payment of additional land compensation against court cases relating to land acquisition for the establishment of Eripakkam EHV substation.
- ix) Payment of fees to Government pleader towards land acquisition court cases and Newspaper advertisement charges, relating to issue of Notification for EHV works etc.,
- x) Renovation and Modernization of Villianur 110/22 KV substation.
- xi) Balance payment to POWER GRID towards erection of 110 KV line from Bahour 230 KV Auto Sub-Station to Bahour 110/22 KV Sub-Station.
- xii) Balance payment to POWER GRID towards renovation and modernisation of Kurumbapet EHV Sub-Station.
- xiii) Part payment to POWER GRID towards erection of 110 KV line from Sederapet to Kurumbapet EHV Sub-stations.
- xiv) Part payment to POWER GRID towards augmentation of Marapalam 110/22 KV Sub-Station by erecting a 25 MVA power transformer with associated equipments.
- xv) Balance payment for the work of shifting of 10 MVA power transformer from Marapalam to Villianur 110 KV Sub-Stations.
- xvi) Balance payment for the work of erection of 22/11 KV shunt capacitors at various EHV Sub-Stations.
- xvii) Renovation and Modernisation works at Marapalam 110/22-11KV Sub-Station.
- xviii) Erection of 22/11 KV feeders and related line strengthening works.
- xix) Procurement of four nos. of Tempo Trax Vehicles.

(c) Programme envisaged for Annual Plan 2006-07 :

- i) Balance payment to POWER GRID towards augmentation of 132/11 KV Sub-Station at Yanam by erecting an additional 16 MVA power transformer and erection of a 33/11 KV sub-Stations at Adavipolam, Yanam.
- ii) Balance payment to POWER GRID towards erection of 110 KV line from Sederapet to Kurumbapet EHV Sub-Stations.
- iii) Balance payment to POWER GRID towards augmentation of Marapalam EHV Sub-Station by erecting an additional 25 MVA power transformer with associated equipments.
- iv) Renovation and Modernisation of Villianur 110/22 KV sub-station.
- v) Renovation and Modernisation of Marapalam 110/22-11 KV Sub-Station.
- vi) Strengthening of 110KV line from Villianur Auto Sub-Station to Bahour 110/22 KV sub-station.
- vii) Preliminary works towards enhancement of power transformers from 16 MVA to 25 MVA at the following sub-stations:-
 1. Marapalam EHV Sub-Station
 2. Thirubuvanai EHV sub-Station
 3. Eripakkam EHV Sub-Station
 4. Kurumbapet EHV Sub-Station
 5. Sederapet EHV Sub-Station
 6. Thethambakkam EHV Sub-Station

- viii) Acquisition of land for Lawspet, Thirubunaipalayam and Thavalakuppam EHV Sub-Stations.
- ix) Erection of 22 and 11 KV feeders and related line strengthening works.
- x) Procurement of vehicles.
- xi) Creation of posts.

4. Remarks : Continuing Scheme

Creation of functional and ministerial posts

Scheme No. 10

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Modernisation of billing methods & development and e-governance initiatives.

2. Objective of the Scheme :

To modernise issue of bills for current consumption charges, payments and other commercial and technical activities by introducing computers.

3.(a) Actual physical Achievement 2004-05 :

- i) Upgrading of existing Network and Computer systems.
- ii) Procurement of additional computer systems like diskless workstations, personal computers with floppy drive, Printers and Uninterrupted Power supply units.
- iii) Procurement of data processing forms and consumables.
- iv) Introduction of Spot billing system in parts of Boomianpet, Lawspet, Gorimedu Operation & Maintenance Sections.
- v) Finalization of Annual maintenance contract for computer systems and UPS units.

(b) Anticipated Physical Achievement 2005-06 :

- i) Upgrading of existing Network and Computer systems.
- ii) Procurement of additional computer systems like diskless workstations, personal computers with floppy drive, Printers and Uninterrupted Power supply units.
- iii) Procurement of system software packages.
- iv) Procurement of furniture, fixtures, machinery and equipment and other tools and plants.
- v) Procurement of data processing forms and consumables.
- vi) Introduction of Spot billing system in parts of Boomianpet, Villianur, Lawspet, Gorimedu, Sedarapet, TA Koil, and Thavalakuppam Operation & Maintenance Sections.
- vii) Computerization of sub-urban collection centres.
- viii) Finalization of Annual Maintenance Contract for computer systems and UPS units.
- ix) Provision of communication facilities for Inter-Connection of regions and offices through computers.
- x) Introduction of E-Governance as per Government of India guidelines.
- xi) Provision of ISDN & Leased Line connection for interconnection of Sub-divisional offices of Division I,IV & IX with main computer centre.

- xii) Development of Internet web pages for the Department.
- xiii) Imparting training on "Office Automation" to the Officers and staff of this Department.
- xiv) Procurement of UPS units for computerized Bill Collection Centres.
- xv) Development of Intra Departmental Intranet pages within the Department.
- xvi) Payment of Consultancy charges for carrying out various reforms process as per Electricity Act 2003.
- xvii) Establishment of Call Centre for attending Fuse off call complaints round the clock.

(c) Programme envisaged for Annual Plan 2006-07 :

- i) Upgrading of existing Network and Computer systems.
- ii) Procurement of additional computer systems like diskless workstations, personal computers with floppy drive, Printers and Uninterrupted Power supply units.
- iii) Procurement of system software packages.
- iv) Procurement of furniture, fixtures, machinery and equipment and other tools and plants.
- v) Procurement of data processing forms and consumables.
- vi) Introduction of Spot billing system in TA Koil, Ramanadhapuram, Kirumampakkam Kariamanikkam and Thavalakuppam.
- vii) Computerization of sub-urban collection centres.
- viii) Finalization of Annual Maintenance Contract for computer systems and UPS units.
- ix) Provision of communication facilities for Inter-Connection of regions and offices through computers.
- x) Introduction of E-Governance as per Government of India guidelines.
- xi) Provision of ISDN & Leased Line connection for interconnection of Sub-divisional offices of Division I,IV & IX with main computer centre.
- xii) Development of Internet web pages for the Department.
- xiii) Imparting training on "Office Automation" to the Officers and staff of this Department.
- xiv) Procurement of tubular batteries for UPS units.
- xv) Development of Intra Departmental Intranet pages within the Department.
- xvi) Payment of Consultancy charges for carrying out various reforms process as per Electricity Act 2003.
- xvii) Establishment of Call Centre for attending Fuse off call complaints round the clock.
- xviii) Procurement of vehicle.

4. Remarks : Continuing Scheme.

Creation of functional posts

Scheme No. 11

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Providing communication network for Electricity Department.

2. Objective of the Scheme :

To establish effective communication network among various sub-stations and O&M sections for minimizing power interruption period.

3.(a) Actual physical Achievement 2004-05 :

i) Procurement of Ni-Cd Hand set batteries	-	16 Nos.
ii) Procurement of RF cable	-	2 Nos.
iii) Procurement of Ground plan antenna	-	5 Nos.
iv) Procurement of spare batteries for Handset	-	7 Nos.
v) Procurement of battery charger	-	5 Nos.
vi) Procurement of Motorola Hand set	-	10 Nos.
vii) Payment made for license fees		
viii) Payment made for servicing of VHF sets		

(b) Anticipated Physical Achievement 2005-06 :

i) Procurement of VHF base stations	-	55 Nos.
ii) Procurement of Ground plan antenna	-	50 Nos.
iii) Procurement of Motorola VHF synthesized transreceiver with alpha numeric keypad and audio accessories	-	30 Nos.
iv) Procurement of single unit rapid rate charger	-	30 Nos.
v) Procurement of Metal Hydride Battery	-	30 Nos.
vi) Procurement of VHF repeater station & accessories	-	1 No.
vii) Procurement of RF Cable with connectors	-	1 No.

(c) Programme envisaged for Annual Plan 2006-07 :

i) Procurement of VHF base stations	-	10 Nos.
ii) Procurement of VHF hand sets	-	10 Nos.
iii) Procurement of Repeater station and accessories	-	1 No.

4. Remarks : Continuing Scheme

Scheme No. 12

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Establishment of Computer based system monitoring centre at 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.(a) Actual physical Achievement 2004-05 :

Payment of ULDC charges, Insurance charges, SCADA and M/W AMC charges to Power Grid Corporation Of India Limited (PGCIL)

(b) Anticipated Physical Achievement 2005-06 :

Payment of ULDC charges including the 30% balance charges for the period from July '02, besides payment of AMC for SCADA, MW, AC etc.,

(c) Programme envisaged for Annual Plan 2006-07 :

Payment of ULDC charges, SCADA, MW, AC and power supply equipments AMC charges.

4. Remarks : Continuing Scheme.

Scheme No. 13

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Research and Development - setting up of standard laboratory.

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.(a) Actual physical Achievement 2004-05 :

- i) Purchase of tamper proof seals, Insulation Sleeves, Red Tape insulation etc.
- ii) Purchase of CMRI
- iii) Testing of scientific instruments at GES lab at Chennai.
- iv) Calibration of the Trivector meters at all the EHT/HT services.
- v) Enhancing the Rolling Stock of static Trivector meters.
- vi) Procurement of scientific instruments for testing and calibration of electro mechanical type energy meters and static type energy meters.
- vii) Enhancement of rolling stock electro mechanical and static type energy meters.
- viii) Procurement of vehicles (Tempo traveler - 1 No., Mahindra Max – 2 Nos. and Tempo Trax – 1 No

(b) Anticipated Physical Achievement 2005-06 :

- i) Calibration and testing of the CT operated meters in all the EHT/HT/LT services.
- ii) Enhancing the Rolling Stock of Static Trivector meters
- iii) Upgrading the MRT Laboratory with latest Reference Standard Meters.
- iv) Creation / Enhancement of Rolling Stock Static type Energy Meters.
- v) Procurement of testing equipments for switch gear and Sub-station maintenance.
- vi) Procurement of scientific equipments for testing and calibration of Static type Energy Meters.
- vii) Procurement of single phase and three phase test benches.
- viii) Provision of remote access facility for downloading data from the meters installed in major power consumers.
- ix) Building Programme works.
- x) Procurement of vehicles.

(c) Programme envisaged for Annual Plan 2006-07 :

- i) Calibration and testing of the CT operated meters in all the EHT/HT/LT services.
- ii) Enhancing the Rolling Stock of Static Trivector meters

- iii) Upgrading the MRT Laboratory with latest Reference Standard Meters.
- iv) Creation / Enhancement of Rolling Stock Static type Energy Meters.
- v) Procurement of testing equipments for switch gear and Sub-station maintenance.
- vi) Procurement of scientific equipments for testing and calibration of Static type Energy Meters.
- vii) Procurement of single phase and three phase test benches.
- viii) Provision of remote access facility for downloading data from the meters installed in major power consumers.
- ix) Building Programme works.
- x) Procurement of vehicles.

4. Remarks : Continuing Scheme.
Creation of functional and ministerial posts

Scheme No. 14

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.(a) Actual physical Achievement 2004-05 :

Procured Stationery items for Licensing Board.

(b) Anticipated Physical Achievement 2005-06 :

Procurement of stationary and computer consumables for Licensing Board.

(c) Programme envisaged for Annual Plan 2006-07 :

Procurement of stationary and computer consumables for Licensing Board.

4. Remarks : Continuing Scheme.

Scheme No. 15

Sector : POWER Implementing Department : ELECTRICITY

1. Name of the Scheme : Rural Electrification (Bharat Nirman Programme)

2. Objective of the Scheme :

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

3.(a) Actual physical Achievement 2004-05 :

i) Transformers energised	-	8 Nos.
ii) Transformer enhanced	-	29 Nos.
iii) HT lines laid	-	2.673 Kms.
iv) LT lines laid	-	2.732 Kms.
v) LT UG cable laid	-	2.515 Kms.

(b) Anticipated Physical Achievement 2005-06 :

i) Energisation of Transformers	-	6 Nos.
ii) Enhancement of Transformers	-	20 Nos.
iii) HT Lines	-	1.500 Kms.
iv) Strengthening of LT lines	-	8.000 Kms.

(c) Programme envisaged for Annual Plan 2006-07 : Nil

4. Remarks : Continuing Scheme.

Scheme No. 16

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.(a) Actual physical Achievement 2004-05 :

i) Celebrated Energy Conservation Week during December 2004		
ii) Internal training of Engineers	-	54 Nos.
iii) Internal training of Line Staff	-	58 Nos.
iv) External training of Engineers	-	7 Nos.
v) External training of Line staff	-	8 Nos.

(b) Anticipated Physical Achievement 2005-06 :

i) Celebration of Energy conservation week		
ii) Internal Training of Officers	-	30 Nos.
iii) Internal Training of staffs	-	40 Nos.
iv) External Training of Officers	-	10 Nos.
v) External Training of staffs	-	5 Nos.

- vi) Purchase of books for Technical Library, setting up of video library at TTC. Provision of AC in the Demonstration room, 4 purchase of Laptop computer, Xerox machine and Computer Peripherals.

(c) Programme envisaged for Annual Plan 2005-06 :

- i) Provision of Air-Conditioner in the Demonstration room.
- ii) Purchase of computer peripherals.
- iii) Celebration of Energy Conservation week.
- iv) Internal training of Engineers. - 30 Nos.
- v) Internal training of Line Staff. - 40 Nos.
- vi) External training of Engineers. - 10 Nos.
- vii) External training of Line Staff. - 5 Nos.
- viii) Purchase of books for technical Library.
- ix) Setting up of Video Library at TTC.
- x) Displaying materials.

Scheme No. 17

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Providing meters for all consumers under cent percent 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.(a) Actual physical Achievement 2004-05 :

- i) Electronic type meters have been provided in 4 Numbers of Distribution Transformers.
- ii) Electro-mechanical meters have been converted into Electro Static Meters in 37 Numbers of HT services and Numbers of LT Industrial services.
- iii) Insulation sleeves have been provided in HT Services.

(b) Anticipated Physical Achievement 2005-06 :

- i) Provision of electronic type meters for distribution transformers.
- ii) Provision of electronic meters in street lights.
- iii) Conversion of electro mechanical meters to electro static meters in all the HT services and LT industrial services whose connected load is more than 30 HP
- iv) Provision of Higher Accuracy Static Check meters for EHT and major power consuming HT Consumers.
- v) Strengthening of existing metering arrangement for EHT and major power consuming HT consumers by providing of cable type metering cubicle system.
- vi) Provision of Remote Access facility for downloading data from the meters installed in sub-stations.

(c) Programme envisaged for Annual Plan 2005-06 :

- i) Provision of electronic type meters for distribution transformers.
- ii) Provision of electronic meters in street lights.
- iii) Conversion of electro mechanical meters to electro static meters in all the HT services and LT industrial services whose connected load is more than 30 HP
- iv) Provision of Higher Accuracy Static Check meters for EHT and major power consuming HT Consumers.
- v) Strengthening of existing metering arrangement for EHT and major power consuming HT consumers by providing of cable type metering cubicle system.
- vi) Provision of Remote Access facility for downloading data from the meters installed in sub-stations.

4. Remarks : Continuing Scheme.

Scheme No. 18

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Establishment of third 230 KV Sub-station with 2 nos. of Auto Transformers at Thondamanatham.

2. Objective of the Scheme :

To meet the growing Power demand of Pondicherry region.

3.(a) Actual physical Achievement 2004-05 : --

(b) Anticipated Physical Achievement 2005-06 : --

(c) Programme envisaged for Annual Plan 2006-07 :

Payment of initial installment towards establishment of third 230 KV sub-station at Pondicherry to Power Grid Corporation of India Limited.

4. Remarks : Continuing Scheme.

Scheme No. 19

Sector : POWER

Implementing Department : ELECTRICITY

1. Name of the Scheme : Erection of 230 KV lines from Villianur 230 KV sub-station to the proposed 230 KV sub-station.

2. Objective of the Scheme :

For inter-connecting the existing Villianur 230/110 KV Sub-station with the proposed Third 230/110 KV Sub-station to meet the growing Power demand of Pondicherry region.

- 3.(a) **Actual physical Achievement 2004-05** : --
- (b) **Anticipated Physical Achievement 2005-06** : --
- (c) **Programme envisaged for Annual Plan 2006-07 :**

Erection of 230 KV lines in Pondicheery Region for evacuation of power supply from the proposed Ramanadhapuram 400/230 KV sub-station to be erected by the Power Grid Corporation of India Limited.

4. **Remarks** : Continuing Scheme.

Scheme No. 20

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : Creation of infrastructural facilities in Tsunami affected areas.
2. **Objective of the Scheme** :

Providing of electrical distribution network in the Tsunami affected areas in the coastal belt of Pondicherry and Karaikal regions.

- 3.(a) **Actual physical Achievement 2004-05** : --
- (b) **Anticipated Physical Achievement 2005-06** : --

- i) Laying of LT UG cables - 40.00 kms.
ii) Erection of Pillar Box - 30 Nos.

- (c) **Programme envisaged for Annual Plan 2006-07 :**

- i) Laying of LT UG cables - 40.00 kms.
ii) Erection of Pillar Box - 30 Nos.

4. **Remarks** : Continuing Scheme.

Creation of necessary functional posts.

Scheme No. 21

Sector : POWER

Implementing Department : ELECTRICITY

1. **Name of the Scheme** : Establishment of Gas Insulated Sub Station, Pondicherry.
2. **Objective of the Scheme** :

To cater to the growing Power demand of the Pondicherry Town areas and to provide alternate source of supply to 11 KV feeders fed by Marapalam EHV Sub-station.

- 3.(a) Actual physical Achievement 2004-05 : --**
- (b) Anticipated Physical Achievement 2005-06 : --**
- (c) Programme envisaged for Annual Plan 2006-07 :**

Initial payment to the Power Grid Corporation of India towards establishment of Gas Insulated Sub Station at Pondicherry with associated 110 KV Under Ground cables.

- 4. Remarks : New Scheme.**