

ENERGY

I. GENCO

1. Name of the Scheme - **R & M works of RPH (Rs.500 lakh)**

2. Aims and Objectives of the Scheme

RPH has two units of 67.5 MW capacity each. These units were supplied by M/s BHEL and commissioned in the year 1989. Technologies used in these machines have become obsolete and their spare parts are not available. It is therefore proposed to renovate and modernize the equipments /systems with the latest technology.

The break up of various schemes to be covered under R & M head are enclosed as Annexure I along with proposed breakup of expenditure.

After implementation of the proposed R & M Schemes, following are aimed to be achieved:

- The plant load factor improves and life of plant is extended
- The forced outages are minimized.
- The heat rate and efficiency of the plant is improved
- The plant attains 90% availability on annual basis.

3. Cost of the Scheme/Project, Major components Rs.3135 lakh

Date of approval : Aug.,2006

4. Year of Commencement, 2007-08
Target date of completion 2011-12

5. Outlay and expenditure (Rs. In lakh) for previous plans- NA

6. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08.

i) Total Plan Outlay Proposed:

- a. 11th Five Year Plan (2007-12) Rs.3000 lakh
- b. Annual Plan (2007-08) Rs.500 lakh

ii) Items of expenditure alongwith purchase of land, construction of buildings, purchase of machinery and equipments etc. are given below:-

7. Physical Targets & Achievements for previous plans - NA

8. Proposed Physical Targets for 11th Plan (2007-12) and Annual Plan (2007-08)
11th Plan 100% Annual Plan 2007-08 30

RAJGHAT POWER HOUSE

SN	Name of Scheme	Cost of Scheme	Expenditure (Rs. in Lakh)				
		Rs Laks	2007-08	2008-09	2009-10	2010-11	2011-12
1.	Augmentation of transformer.	450	-	450	-	-	-
2.	Installation of electronic governing system.	180	100	80	-	-	-
3.	Effluent treatment plant and water reclamation from ash pond to achieve zero discharge from station.	550	-	550	-	-	-
4.	Augmentation of chlorination system.	35	35	-	-	-	-
5.	Renovation & modernization of fire alarm and protection system.	50	-	50	-	-	-
6.	Replacement of LDO tanks.	40	40	-	-	-	-
7.	Installation of 2 nd DG set of 750 MVA.	60	-	-	60	-	-
8.	ABT based energy metering system.	30	15	15	-	-	-
9.	33 KV and 220 KV PTs/CVTs.	40	15	25	-	-	-
10.	R&M of loco engines.	140	70	70	-	-	-
11.	Installation of SPM level indicator.	40	20	20	-	-	-
12.	Fire tenders for fire station.	50	50	-	-	-	-
13.	DM water line inter connection of RPH and GT Stn.	20	20	-	-	-	-
14.	R&M of lifts.	10	10	-	-	-	-
15.	Replacement/Renovation of SWAS instrument.	45	45	-	-	-	-
16.	Side Stream filtration unit for cooling water.	20	-	-	20	-	-
17.	Up-gradation of ESP/flue gas conditioning.	750	50	500	200	-	-
18.	Provision of crane and fork lift	40	20	20	-	-	-
19.	Provision of boiler fill tank	25	-	25	-	-	-
20.	DVR unit # 1	60	-	-	60	-	-
21.	R&M of coal mills	140	-	70	70	-	-
22.	Refurbishment of turbine rotor	300	-	300	-	-	-
23.	Renovation of recorders monitoring of turbine drain's temperatures	30	-	15	15	-	-
24.	Air blasting of RC bunkers.	20	20	-	-	-	-
25.	Installation of road weigh bridge	10	10	-	-	-	-
	TOTAL	3135	520	2190	425		

1. Name of the Scheme - **R & M of CCGT [Rs.4446 lakh]**

2. Aims and Objectives of the Scheme

6X 30 MW GTPS was commissioned in 1986 to operate on liquid fuel during peak hours only. Since the installation of these machines the gas turbine technology has undergone a sea change and there is a lot of improvement in metallurgy and design of various components. With the innovation and new design concepts the efficiency and heat rate have also improved. It is proposed to replace the obsolete technology equipments and components with the latest technology equipments and components

After implementation of the proposed R & M Schemes, following are aimed to be achieved:

- The units are brought back to their rated capacity.
- The plant load factor improves and life of plant is extended
- The forced outages are minimized.
- The heat rate of the plant is improved to the present day expected level.
- The plant attains 90% availability on annual basis.

3. Cost of the Scheme/Project : Rs.12945 lakh
Date of approval : Aug.,2006

4. Year of Commencement, 2007-08
Target date of completion 2011-12

5. Outlay and expenditure (Rs.in lakh) for previous plans - NA

6. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08.

i) Total Plan Outlay Proposed:

- a. 11th Five Year Plan (2007-12) Rs.4800 lakh
- b. Annual Plan (2007-08) Rs.4446 lakh

1. Name of the Scheme - **350 MW PPCL, Phase II (Rs.15000 lakh)**

2. Aims and Objectives of the Scheme

To augment Delhi's own core generation capacity and increase the production of electricity in order to solve the power problem, a 350 MW (nominal capacity) Combined Cycle Gas based power station, named Pragati Phase –II Project is proposed to be set up near the existing Pragati Power Station.

3. Cost of the Scheme/ Project, Major component : Rs.1388 crore, of which 30% equity i.e. Rs.417 crore will be meet out from the plan funds.

Date of Approval: 23.10.06.

4. Year of Commencement, 2007-08
Target date of completion 2010-11
Present status Feasibility Report (FR) has been prepared and EIA study has been conducted. MOU with M/s Petronet LNG Ltd has been signed for supply of R-LNG.

5. Outlay and expenditure (Rs. In lacs) for previous plans - NA

6. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08.

i) Total Plan Outlay Proposed:

a. 11 th Five Year Plan (2007-12)	Rs. 417 crores
b. Annual Plan (2007-08)	Rs. 150 crores

ii) Items of expenditure alongwith purchase of land, construction of buildings, purchase of machinery and equipments etc.

Installation of one module of about 350 MW Combined Cycle Gas Turbine Plant including two Gas Turbines, One Steam turbine and auxiliaries.

7. Physical Targets & Achievements for previous plans - NA

8. Proposed Physical Targets for 11th Plan (2007-12) and Annual Plan (2007-08) list of works/activities to be completed /achieved

- Floating of NIT April 2007
- Tender opening July 2007
- Tender evaluation January 2008
- Award of Work/Zero date January 2008
- Gas availability(expected) May 2009
- Synchronization of Ist Gas Turbine 31st July 2009
- Synchronization of IInd Gas Turbine 31st October 2009
- Synchronization Steam Turbine 30th April 2010

1. Name of the Scheme

1500 MW Coal based power project - Jhajjar (Rs.34754 lakh)

2. Aims and Objectives of the Scheme

Govt. of NCT of Delhi has recently signed a MOU with Haryana Govt. and NTPC Limited for setting up of a 1500 MW Coal based power project in Distt. Jhajjar of Haryana. This project will be executed by M/s NTPC Limited and the power generated will be shared equally by Delhi and Haryana States.

3. Cost of the Scheme/Project, Major components and date of approval

Cost of the project (Rs. 8294 Cr.) will be shared in following manner:

Delhi 25% (Rs. 2073.50 Cr.), Haryana 25% and NTPC Ltd. 50%

30% of Rs.2073.50 crore i.e. Rs.622 crore will be required from the Plan Fund as equity.

3. Year of Commencement 2007-08

Target date of completion All efforts will be made to commission the first unit of this project before commonwealth games 2010. Remaining two units will be commissioned after a gap of six month each

4. Outlay and expenditure (Rs. In lakh) for previous plans - NA

5. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08.

i) Total Plan Outlay Proposed:

a. 11th Five Year Plan (2007-12) Rs. 506 Crores

b. Annual Plan (2007-08) Rs. 347.54 crore

1. Name of the Scheme
Pragati Phase III - 1000 MW Gas based Power Project at Bawana(Rs.30000 lakh)

2. Aims and Objectives of the Scheme
To augment Delhi's own core generation capacity and increase the production of electricity in order to solve the power problem a 1000 MW (nominal capacity) Combined Cycle Gas based power station, named Pragati Phase –III Project is proposed to be set up at Bawana.

3. Cost of the Scheme / Project, Major components Rs. 4500 crores. However 30% amount i.e. Rs. 1350 crores as equity will be required from the plan funds.

Date of approval: 21.11.06

4. Year of Commencement, 2007-08
Target date of completion 2011-12
Present status Feasibility Report (FR) has been prepared and EIA study has been conducted. MOU for supply of R-LNG with M/s Petronet LNG Ltd has been signed.

5. Outlay and expenditure (Rs. In lacs) for previous plans - NA

6. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08.

- i) Total Plan Outlay Proposed:
- | | |
|----------------------------------------------|-----------------|
| a. 11 th Five Year Plan (2007-12) | Rs. 1350 crores |
| b. Annual Plan (2007-08) | Rs. 300 crores |
- ii) Items of expenditure alongwith purchase of land, construction of buildings, purchase of machinery and equipments etc.

Installation of 1000 MW Nominal Capacity modules of Combined Cycle Gas Turbine Plant including Gas Turbines, Steam turbines and auxiliaries

7. Physical Targets & Achievements for previous plans - NA

8. Proposed Physical Targets for 11th Plan (2007-12) and Annual Plan (2007-08) list of works/activities to be completed/achieved

- Floating of NIT April 2007
- Tender opening July 2007
- Tender evaluation January 2008
- Award of Work/Zero date January 2008
- Gas availability(expected) May 2009
- Synchronization of Ist Gas Turbine 31st July 2009
- Synchronization of IInd Gas Turbine 31st October 2009
- Synchronization Steam Turbine 30th April 2010

1. Name of the Scheme

Establishment of LAN and computerization - Rs.50 lakh

2. Aims and Objectives of the Scheme

In present scenario, there is no IT policy in IPGCL/PPCL. The work style of our departments is still based on manual activities, which is the reason of existing problems in record keeping & information retrieval in the absence of IT activities. The information technology tools are the only mechanism to overcome this problem.

3. Cost of the Scheme/Project, Major components and date of approval

Rs.1.80 crore

3. Year of Commencement, 2007-08
Target date of completion 2011-12
Present status Appointment of consultant in progress.

4. Outlay and expenditure (Rs. in lakh) for previous plans - NA

5. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08 (in case of spill over scheme from 10th Plan, the same may be highlighted specifically).

i) Total Plan Outlay Proposed:

- a. 11th Five Year Plan (2007-12) Rs.1.00 crore
b. Annual Plan (2007-08) Rs.0.50 crore

ii) Items of expenditure alongwith purchase of land, construction of buildings, purchase of machinery and equipments etc. is given below :

6. Physical Targets & Achievements for previous plans - NA

7. Proposed Physical Targets for 11th Plan (2007-12) and Annual Plan (2007-08) (in case of spill over scheme from 10th Plan, the same may be highlighted specifically) list of works/activities (under some broad head) to be completed / achieved

11th Plan 100% Annual Plan 2007-08 30%

1. Name of the Scheme

New construction and R&M of existing civil structure (Rs.150 lakh)

2. Aims and Objectives of the Scheme

IPGCL is committed to share the O&M cost of Yamuna Barrage. IN the 11th Plan period 27 gates of this barrage will be replaced since they have outlived their life for which IPGCL is to provide Rs.740 lacs. In addition to this construction of a new Fire Station building and a Bund at Ash Pond is required. Also there is a need to renovate finance office building and corporate office building for which the funds are required.

2. Cost of the Scheme/Project, Major components and date of approval

Rs. 835 lacs

3. Year of Commencement, 2007-08
Target date of completion 2011-12

4. Outlay and expenditure (Rs. In lacs) for previous plans - NA

5. Outlay proposed for 11th Five Year Plan (2007-12) and for Annual Plan 2007-08.

i) Total Plan Outlay Proposed:

a.	11 th Five Year Plan (2007-12)	Rs. 800 lacs
b.	Annual Plan (2007-08)	Rs. 150 lacs

ii) Items of expenditure alongwith purchase of land, construction of buildings, purchase of machinery and equipments etc. is given below:-

6. Physical Targets & Achievements for previous plans - NA
Achievements upto 9th Plan, if any

7. Proposed Physical Targets for 11th Plan (2007-12) and Annual Plan (2007-08) (in case of spill over scheme from 10th Plan, the same may be highlighted specifically) list of works/activities (under some broad head) to be completed/achieved

11 th Plan	100%	Annual Plan 2007-08	50
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Development of Mara-II Mahan Coal Block-M.P. (Rs.600.00 lakh)

Government of India has allotted Mara-Mahan coal block in Madhya Pradesh jointly to Government of Delhi and Haryana. A Joint Venture Company will be formed in 2007-08 for carrying out detailed exploration, Geological Report preparation, environmental impact assessment study, selection of coal mine developer etc. Subsequently the coal will be utilized for power plants of Delhi and Haryana.

The capacity of NTPC plants at Badarpur and Dadri dedicated to meet the requirement of Delhi would also be augmented by 980 MW each.

A Power Purchase Agreement (PPA) has been signed with Damodar Valley Corporation for 2500 MW and Tehri Hydro Development Corporation for 800 MW.

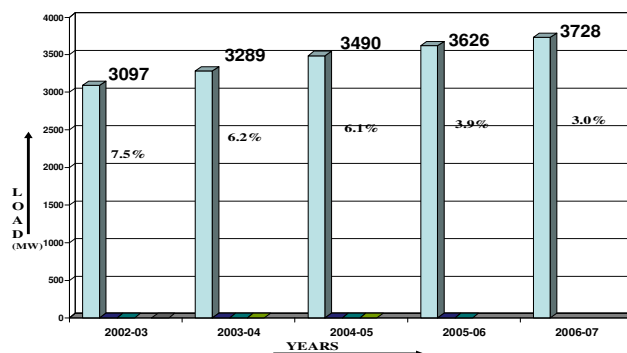
II. GENCO

Delhi Transco Limited is the State Transmission Utility of the National Capital Territory of Delhi. It is responsible for Transmission of Power at 220 KV and 400 KV level besides upgradation, operation and maintenance of EHV network and arranging Bulk Power Supply to Distribution Licensees. DTL is continuously improving the performance and availability of the system employing technology in a cost effective manner with due social concern and operations to the satisfaction of licensees and stake holders.

The development of land in Delhi is governed by Master plan prepared by Delhi Development Authority (DDA). In addition other agencies like MCD, CPWD, NDMC, and DSIDC also take up the development of land for residential, industrial & commercial purposes. DTL development activities are dependent on the programs and policies of such local bodies. Arrangements in a co-ordinated manner are being made for meeting the power requirement of such development in the National Capital Territory of Delhi.

Delhi has certain problems over the years causing increase in the power demand. These problems include drastic increase in population (app. 1.5 Crores), unplanned & haphazard growth of city, large no. of industrial units in non-conforming areas, unauthorized colonies, Jhuggi Jhopri Basties and so on. In addition, large no. of malls and multi storied buildings are coming up day by day and there is substantial increase in air conditioning load. For meeting the increasing power demand in Delhi, completion of the ongoing works assigned during 10th plan and 11th plan works should be on priority during the 11th plan period for strengthening the transmission system in Delhi.

The Peak demand in Delhi is increasing exponentially. The maximum demand



which was 3097 MW during 2002-2003 has already touched 3728 MW in May, 2006. Due to oncoming commonwealth game to be held in Delhi in 2010 the load in Delhi is likely to

grow to about 7000 MW by 2011-12, which has also been indicated in the draft 17 EPS of CEA.

The following steps are being taken by DTL to meet the load demand of Delhi for providing uninterrupted and quality power:-

- (i) A 400KV ring has been established around Delhi which will bring bulk of power to Delhi from Centrally sponsored schemes that are coming up in the Northern Region.
- (ii) A number of new project have been identified based upon the various studies conducted by DTL in consultation with Central Electricity Authority and action is being taken for their implementation. The details of these projects are given in the subsequent chapters.

REVIEW OF TENTH FIVE YEAR PLAN

An outlay of Rs.513 Crores was approved for 400KV and 220KV Transmission Works of Delhi Transco Limited. Against this approved Transmission outlay, the actual expenditure during the first four years was Rs.368.97 Crores and the expenditure of Rs.120 Crores is anticipated to be incurred during 2006-07. The total anticipated expenditure during 10th five year plan is Rs. 488.97 Crores.

400KV Works:

(A) 400 KV S/Stns

Transformation capacity approved under 10th plan was 1575 MVA, out of which 945 MVA has achieved in first four years (2002-06) and 315 MVA is anticipated in 2006-07.

400KV S/Stn. Maharani Bagh 2x315MVA is under execution by PGCIL. DTL will have 8 nos. of 220 KV GIS bays. 400 KV Mundka S/Stn. (2 x 315 MVA), work could not start because land handed over by DDA on 23.03.2006. NIT scheduled to be floated in December 2006.

(B) 400 KV Lines

Transmission line proposed under 10th plan was 206 Ckt Km. , out of which 104.80 Ckt. Km has achieved in first four years (2002-06) and 104.80 Ckt. Km. is anticipated in 2006-2007. (About 100 Ckt. Km. of feed to Maharani Bagh being executed by M/s PGCIL)

LILO Bawana –Bamnauli at Mundka could not materialize because Land for Mundka S/Stn was handed over by DDA on 23.03.2006.

220 KV Works:

A. 220 KV S/Stns

Transformation capacity proposed of 220 KV S/Stns. under 10th plan was 2300 MVA, out of which 1200 MVA has achieved in first four years (2002-06) and 820 MVA is anticipated in 2006-07. Some 220 KV Sub-stations in DTL during 10th Plan could not materialize due to litigation cases, non allotment of land, non clearance of schemes from DERC/CEA and other administrative problems. Requirement/Feasibility of these sub-stations during eleventh plan period has been examined and is being considered in 11th plan.

220 KV Geeta Colony (2 X 100 MVA) and Papankalan-II has already commissioned and Bawana DSIDC-I & Siri fort (Masjid Moth) are under construction. In addition, transformation capacity at Papankalan I, Rohini , Shalimar Bagh and Naraina 220 KV S/Stn. is in the process of augmentation.

B. 220 KV Lines

Transmission line proposed under 10th plan was 170 Ckt Km., out of which 53.646 Ckt. Km has achieved in first four years (2002-06) and 30.00 Ckt. Km. is anticipated in 2006-2007.

The following 220KV transmission Lines are already commissioned during 10th Five Year Plan.

1. LILO Mandola – PPG at South of Wazirabad
2. LILO South of Wazirabad – PPG at Geeta Colony
3. LILO IP – BTPS at Sarita Vihar
4. Bawana – Rohini
5. Bamnauli – Pappankalan – II
6. Mandola – Gopalpur
7. South of Wazirabad – Kashmiri Gate

APPROACH TO ELEVENTH PLAN 2007-2012

Eleventh Plan contains the spillover works of 10th FYP and new proposed/augmentation works.

A 400 KV double circuit ring has been commissioned around Delhi to draw power from the Northern Grid and also to receive power from other sources as well. The T&D system for 220 KV and below would also be adequately strengthened. Steps are also being taken to reduce the T&D losses. It is expected that with these measures, it would be possible to reduce the T&D losses considerably.

Minimum two transformers would be provided at the new proposed S/Stn. In view of the increasing rate of growth of load demand in Delhi which is being higher than the average load growth rate in other parts of the region and also keeping in view the limited space available in Delhi for establishing S/Stns, DTL proposed 160 MVA capacity transformers in place of the conventional 100 MVA transformers. DTL proposed to establish GIS S/Stn. in place of conventional S/Stn. where suitable size of land are not available due to scarcity of land in Delhi.

An outlay of Rs. 2496 Crore for eleventh plan 2007-2012 have been proposed by DTL for carrying out the various on going and new proposed works. In this proposed outlay, Rs. 375 Crores is anticipated to be incurred during 2007-08.

Proposed physical target for 11th plan for 400KV is 2520 MVA, out of which 315 MVA is anticipated in 2007-08 and for 220KV proposed physical target for 11th plan is 4600 MVA, out of which 720 MVA is anticipated in 2007-08. A brief of each scheme proposed to be taken up during the 11th Five Year Plan period is given in the subsequent chapter & in enclosed annexure.

1. 400KV Works (Rs.7510.00 lakh)

A. Ongoing Works

1 Maharani Bagh S/Stn.

The 8 Nos. of 220KV GIS bays are likely to be commissioned during 2006-07. However, some related balance work will be spill over to 11th FYP and S/Stn. will be completed in 2007-08, the first year of 11th FYP.

2. Mundka S/Stn. (4x315MVA)

Due to litigation case, the S/Stn. will be spill over to 11th FYP period and will be completed during 11th FYP. The land for S/Stn. has recently been handed over to DTL.

B. NEW WORKS

a. (400KV S/Stn.)

1 Maidan Garhi(2x315MVA)

The new 400KV sub-station has been proposed in the area based upon the system studies recommendation of CEA. The land for sub-station is yet to be allotted by DDA and it is expected that sub-station in maidan Garhi will be commissioned during 11th FYP

2. East of Loni Road (2x315MVA Pr. Tr.)

The new 400KV S/Stn. has been proposed in the area based upon the recommendations of Standing Committee of CEA. The S/Stn. will be commissioned during 11th FYP

b. 400KV Lines

1. **Feed to Maidan Garhi** - The associated feeding line to new sub-station will be laid from LILO of Bamnauli-Ballabgarh at Maidan Garhi. NIT shall be floated after land allotment for Maidan Garhi S/Stn.

2. **Feed to East of Loni Road** - The associated feeding line to new sub-station will be laid from LILO of Mandola – Dadri at East of Loni Road or direct feed from Mandola. NIT shall be floated after land allotment for East of Loni Road S/Stn.

2. 220KV Works(Rs.28408.00 lakh)

A. Ongoing works

Following sub-stations and associated transmission line of 10th FYP will be completed during 11th FYP which could not be completed during 10th FYP due to (1) litigation case (2) non-availability land (3) Revision of DTL system network by CEA/non-clearance by DERC.

- 1) Masjid Moth (2x100MVA)
- 2) 220KV GIS and 33KV AIS at Lodhi Road
- 3) Gopalpur (4th Transformer(1x100MVA)
- 4) 220KV GIS at Ridge Valley
- 5) Papankalan III(2x160 MVA)
- 6) Jhatikran Moth(2x160 M<VA)
- 7) Sultanpur(Peeragarhi(2x160 MVA)
- 8) Bawana DSIDC 1(2x160 MVA)

B. New Works

a. 220KV Sub-Station

The following works of sub-station will be taken up during 11th FYP in addition to ongoing works.

1. Bhaktawarpur(2x160MVA) – DDA is requested to allot the land.
2. Electric lane (GIS) (2x160MVA) - Land yet to be handed over by NDMC
3. Trauma Centre / AIIMS (GIS) (2x160MVA) - Land yet to be handed over by NDMC.
4. Wazirpur Industrial Area (GIS) (2x160MVA) - Land yet to be handed over by NDPL. NIT specification finalized.
5. Punjabi Bagh (GIS) (2x160MVA) - Land is available. NIT specification and lay out is being finalized.
6. Chandrawal (GIS) (2x160MVA) - Land is available. NIT specification finalized.
7. Hudco Palace (GIS) (3160MVA) - Land is available. It is an alternate to AIIMS S/Stn.
8. Rohini Phase-IV & V - Land finalized after joint inspection. Matter is pending with DDA Technical Committee.
8. Peera Garhi(GIS) - DDA is being requested to allot the land.

In addition to above, some additional transformation capacity be added to the existing sub-station i.e. Lodhi Road, South of Wazirabad, Sarita Vihar, Gazhipur etc.

b. 220KV Transmission Links

All the under ground links shall be through 220KV, 1x1200 sq.mm. XLPE cable

1. D/C U/G Maharani Bagh – Okhla - Route and scheme are being finalized
2. S/C U/G Kashmiri Gate – Subzi Mandi - NIT specification finalized
3. D/C U/G Shalimar Bagh – Wazirpur Industrial Area - Land for Wazirpur S/Stn. yet to be handed over by NDPL
4. LILO D/C Gopalpur – Subzi Mandi Line at Chandrawal - DERC clearance awaited.
5. LILO D/C Mundka – Peera Garhi - Land for Peera Garhi S/Stn. yet to be allotted by DDA.
6. D/C U/G Peera Garhi – Punjabi Bagh - Land for Peera Garhi S/Stn. yet to be allotted by DDA.
7. D/C U/G Punjabi Bagh – Wazirpur - Land for Wazirpur S/Stn. yet to be handed over by NDPL
8. LILO D/C Bawana – Rohini at Rohini (Ph-IV-V) – Land for Rohini(Phase IV & V) S/Stn. yet to be handed over by DDA
9. LILO Mandola – Narela at Baktawarpur - Land for Baktawarpur S/Stn. yet to be handed over by DDA
10. S/C U/G Naraina – Ridge Valley - Land for Ridge Valley ss/Stn. is yet to be handed over by BSES
11. S/C U/G Park Street – Electric Lane – Land for Electric Lane S/Stn. is yet to be handed over by NDMC.

12. U/G Okhla – Masjid Moth – New scheme revised on the recommendation of CEA for single core U/G cable.

The problem area / obstacles which are coming up for delay in execution of work are (1)litigation cases (2) non-availability of land for sub-station and ROW problems (3) Due to revision of DTL system study network by CEA and delay in clearance of schemes by DERC.

3. SLDC/SCADA system (Rs.110.00 lakh)

SCADA System in DTL has been established under Unified Load Dispatch and Communication (ULDC) by Power Grid. The funds were arranged by the Power Grid by DTL portion and the same is required to be repaid in monthly installments over a period of 15 years. The system under the scheme was put in the Commercial Operation w.e.f. 01.08.2002. The bill raised by Power Grid for repayment of loan comprises of two parts viz State Sector ULDC and Central Sector ULDC charges which are Rs.54.88 lakh and Rs.90 lakh respectively per month. An outlay of Rs.110 lakh is approved for Annual Plan 2007-08.

4. Computerization (Rs.312 .00 lakh)

It is proposed to install computers and up-gradation of IT System of DTL. An amount of Rs.3.12 crore is approved for Annual Plan 2007-08 for the establishment of Finance, Engg., Wings and non-engg. Wings at Jhandewalan, Commercial & Store Purchase Department including installation of Computers and IT up-gradation network of DTL.

5. Up-gradation of infrastructure (Rs.1160 lakh)

An outlay of Rs.1160 lakh is provided under Annual Plan 2007-08 for up-gradation of infrastructure.

POWER DEPTT.

1. Payment towards land premium/land acquisition for subsequent leasing to Discoms (Rs.1060 lakh)

The three Distribution Companies viz. NDPL, BRPL and BYPL have been pressing for allotment of land at concessional rate for creation of new infrastructure including Grid Stations, installation of Transformer etc. The Ministry of Urban Development, Government of India have decided as follows:-

- a. DDA will allot land to Government of NCT of Delhi (GNCTD) at Zonal Variant Rates for setting up of electric sub-stations, etc. by Power Distribution Companies.
- b. GNCTD may in turn allow the Power Distribution Companies to set up electric sub-stations etc. on "right to use" basis and on such terms and conditions as GNCTD may enter into with Power Distribution Companies.
- c. The land should be put to use only for the specific purpose of setting up of electric sub-stations etc. and in no way put up to any other use or commercially exploited. This should be specified in the allotment letter by DDA.
- d. DDA will allot only the minimum required land as per norms.

Subsequently, it has been decided in the Government of Delhi that GNCTD would make payment to DDA at Zonal Variant Rate alongwith ground rent, as applicable. Thereafter, GNCTD would sign a licence/lease agreement with the Distribution companies and would charge appropriate annual rent/licence fees from the Distribution companies. The licence deed would, inter alia, involve allowing the Distribution companies to use the land on "right to use" basis and on the basis condition that the land would be used only for the purpose of expansion of the distribution network and erection of related infrastructure and not for any other work.

As the land would be initially obtained from DDA by GNCTD, initial payment has to be made by Government of Delhi. A provision of Rs.1060 lakh is approved for 2007-08 for this scheme.

2. Establishment of special courts (Rs.150 lakh)

To curb the theft of Electricity, certain new provisions have been made in the Electricity Act, 2003. One such provision in this direction is made under Section 153 of the Electricity Act 2003, which provides for the constitution of Special Courts by the State Governments for the purposes of providing speedy trial of offences referred to in Section 135 to 139 of the said Act.

The sites for establishment of 5 Special Courts have been identified at Rohini, Vikas Puri, Wazirpur, Malviya Nagar and Patparganj. The sites have been inspected by the panel of officials, Registrar General (Admn.) and panel of Judges has approved its building plan. The buildings are being renovated, expenses of which would be incurred by Government of NCT of Delhi. As regards appointment of dedicated judiciary & allied staff for the Special Courts, it is informed that 45 posts (5 posts of judiciary cadre and 20 ancillary post) have already been sanctioned. The capital cost already borne by the Discom on creation of infrastructure of Special Court is to be submitted by Discom duly certified by their Auditors for the reimbursement by Power Department in consultation with PWD. An amount of Rs.150 lakh is approved for 2007-08 for the scheme.

3. Energy Conservation (Rs.200.00 lakh)

An amount of Rs.200.00 lakh is approved for Energy Conservation in Annual Plan 2007-08.

4. Delhi Electricity Regulatory Commission (Rs.450 lakh)

The Delhi Electricity Regulatory Commission (DERC) was notified on 3rd March, 1999 under Electricity Regulatory Commissions Act, 1998. The Chairman of the Commission was appointed in December 1999. The Commission has been made functional and 34 posts on temporary basis have been sanctioned by the Government.

An amount of Rs.450 lakh is approved for 2007-08 to meet the salary expenditure and other day-to-day expenditure of DERC.

5. Grievances Cell in Power Department (Rs.140.00 lakh)

A Public Grievances Cell headed by a retired Judge of Delhi High Court with a Technical Member has started functioning from January, 2007 to deal with the grievances of citizens relating to the supply of electricity. Since there have been complaints in the past about the quality of electronic meters, it has been decided to get the meters tested on voluntary basis through a local office of the Central Power Research Institute under Government of India. As a further measure, performance standards for distribution companies have been finalized by the Delhi Electricity Regulatory Commission. When notified, these standards will become mandatory and if not complied with, penalties can be imposed on the Discoms. An amount of Rs.140 lakh is approved for 2007-08 for this scheme.