

**BEFORE THE ORISSA ELECTRICITY REGULATORY COMMISSION
BHUBANESWAR**

**Case No.....
Filing No- 1**

IN THE MATTER OF: An application for determination of Annual Revenue Requirement and Fees and Charges of State Load Despatch Centre (SLDC), Orissa for the FY 2011-12.

AND

IN THE MATTER OF: Orissa Power Transmission Corporation Limited.,
Janpath, Bhubaneswar.

... Applicant

The Humble Applicant above named

MOST RESPECTFULLY SHOWETH THAT:

Section 31(1) of the Electricity Act, 2003, provides that the State Government shall establish a State Load Despatch Centre (SLDC). Section 31(2) provides that the said SLDC shall be operated by a Government company / authority / corporation constituted by or under any State Act and that until such company / authority / corporation is notified by the State Government, the State Transmission Utility (STU) shall operate the SLDC.

Government of Orissa, Deptt. of Energy vide Notification No.6892 dated 09.06.2005 issued the Orissa Electricity Reform (Transfer of Transmission and Related Activities) Scheme 2005 and have notified Orissa Power Transmission Corporation Ltd. (OPTCL) as the State Transmission Utility (STU) and have vested the State Load Despatch functions with OPTCL till further orders of the State Government from the date of transfer.

As per Section 32 of the Act, SLDC shall be the apex body to ensure integrated operation of the power system in a State and shall discharge functions as mentioned under Section 32(2) (a) (b) (c) (d) & (e).

Section 32 (3) of the Act provides for levy and collection of such fees and charges from the Generating companies and other licensees engaged in the intra-state transmission of electricity as may be specified by the State Commission.

The Govt. of India, Ministry of Power vide Order dated 04.02.2008 constituted a Committee under the Chairmanship of Sri Gireesh B Pradhan, Additional Secretary to MoP to examine the issues for ring fencing of State Load Despatch Centres to ensure their functional autonomy and give recommendation.

The relevant extracts from the recommendation of the above committee for functional autonomy of the Load Despatch Centres are as follows:

- (a) The Load Despatch Centre should be ring fenced suitably to ensure their functional autonomy by taking the following steps.
 - (i) The Appropriate Government should take suitable steps to facilitate independent functioning of the Load Despatch Centres in line with the Electricity Act 2003 and National Electricity Policy. To begin with, the State Governments are urged to create a separate representative board structure for governance of LDCs on the lines of wholly owned subsidiary being created for the independent System Operation of RLDCs and NLDC.
 - (ii) The financial accounts should be separated for all LDCs by 31st March 2009 with the appropriate Electricity Regulatory Commissions (ERC) specifying the fees and charges payable.
- (b) For making Load Despatch Centres financially self-reliant, the Electricity Regulatory Commission should recognize the three distinct revenue streams mentioned as under;
 - (i) Fees and charges for system operation
 - (ii) Tariff for decision support system and IT infrastructure (currently only ULDC tariff)
 - (iii) Operating charges for scheduling, metering and settlement for market players.

Hon'ble Commission under Section 86(2)(iii) of the Act 2003 advised the State Govt. for recognition and restructuring of SLDC separating from OPTCL- the STU notifying an appropriate Transfer Scheme by 31.12.2008 positively.

OERC vide letter No. 1313 dated 04.08.2007 issued a road map for implementation of levy of annual fee and operating charges for SLDC functions in Orissa in order to separate SLDC charges from the existing transmission charges of OPTCL with effect from 01.04.2008 to make SLDC self –reliant.

As per direction of Hon'ble Commission, separate application for approval of Annual Fees and Operating Charges for SLDC function is being filed by OPTCL since FY. 2009-10.

Further, in the report submitted by the "Task Force on Capital Expenditure and issues related to Emolument for Personnel in Load Despatch Centres" in the Salient points of part-I 1, it is mentioned that:

- (a) Ownership of new RTUs should rest with the entities in whose premises these RTUs would be located. Regarding ownership of existing as well as work-in-progress RTUs in central sector stations and state sector stations, these could rest with the CTU and STUs / SEBs respectively as per the prevailing arrangement. However in due course of time, modalities for their transfer to actual entities can be planned by mutual consent.*
- (b) The responsibility of owning and providing the communication system from sub-station to the nearest control centers as well as between control centers should continue to be that of CTU or STUs / SEBs. However, in case of any special requirements the LDCs can access, plan and take on lease such communication system from other telecom service providers also.*
- (c) The computer system along with software and peripherals located in the control center building of NLDC/RLDCs and SLDC/Sub-LDCs should be transferred to respective entities managing these LDCs*

As per the direction of Hon'ble Commission, vide letter No Dit(T)-365/2009/2508 dated 09.11.2009, the application for approval of Annual Revenue Requirement and Fees & Charges for SLDC for FY. 2011-12 has been prepared in line with the provision mentioned in the CERC (Fees & Charges of RLDC & other related matters) Regulations, 2009, OERC (Fees & Charges of SLDC & other related matters) Regulations, 2010 and considering the following recommendation of the MOP Committee Report.

- (A)** SLDC is to be equipped suitably to play the pivotal role of an Independent System Operator (ISO).
- (B)** Power system operation is the core activity of LDCs. Efficient load dispatching also requires a deep understanding of Transmission, Generation and Distribution technology. In view of the above, the executives shall be from electrical engineering discipline. Efforts to be made to supplement them with interdisciplinary learning and development.

M/s. NPC has been entrusted for preparation of a report on the manpower structuring of OPTCL as well as of SLDC.

However, as per the directions of Hon'ble Commission vide order dated 20.03.09, the functional organizational structure of SLDC has been prepared in line with ERLDC for discharging SLDC functions smoothly as per the provisions of the Act to facilitate an independent system operator in order to ensure an efficient, reliable and secure power system operation and merit order dispatch of electricity pending finalisation of NPC structure.

The annual charges of SLDC have been computed in line with OERC (Fees & Charges of State Load Despatch Centre and other related matters) Regulations, 2010.

As per the recommendation in the report of the task force committee on "Capital Expenditure and Issues related to Emoluments for Personnel in Load Despatch Centres", the assets pertaining to the Control Centre (SLDC) has to be handed over to the State Load Despatch Centres. Provision for recovery of the outstanding amount for investments made by the POWERGRID on ULDC project shall be kept in the ARR of SLDC.

As per the Taskforce report, SLDC is liable to pay the recovery cost of control center equipments only. Since the assets belongs to SLDC is yet to transferred the ULDC asset recovery charges is not considered in the ARR. However the depreciation cost has been considered in anticipation of transfer of assets during the current FY-2011-12.

Computation of Annual Charges

As per the OERC (Fees and Charges of State Load Despatch Center and other related matters) Regulations, 2010 the annual charges shall consist of the following components:

- a. Return on Equity
- b. Interest on Loan Capital
- c. Depreciation
- d. Operation & Maintenance expenses excluding Human Resource expenses
- e. Human Resource expenses

f. Interest on working capital

Since no equity has been invested by SLDC and there is no outstanding loan on SLDC, item (a)& (b) are not considered in the ARR.

Provision of AMC charges for SCADA, Facility Management Services (FMS) for providing IT support, Website Charges for maintenance of SLDC website, have been made under O&M expenses.

Provision of CAPEX Plan

Provision of Wide Area Network (WAN) for collection of metering data from the grid sub-stations, Precision AC for data centre (EASS), provision of UPS, Enterprise Resource Planning (ERP) solutions, establishment of Video Conferencing System at SLDC, Replacement of 25 nos of Air conditioner at Control Room and radio Room and 5 nos at SLDC office premises along with provision for improvement of residential building, drainage & sewerage system and other civil works maintenance have been kept in the Capital Expenditure (CAPEX) plan.

Organisational structure and their Functions (Provisional)

1. The man power structure provided in the ARR is in line with ERLDC pending finalisation of NPC Report as abstracted below.

SLDC function shall be headed by Chief Load Despatcher in the rank of Director. He shall be assisted by two Sr. Load Despatchers one in the rank of CGM and the other in the rank of SGM. For technical assistance one Executive Assistant in the rank of AGM is being attached to Chief Load Despatcher. Besides one no. of Private Secretary/ Private Secretary shall be attached to each of the above officers. All technical function heads shall be reporting to their respective Sr. Load Despatchers. Details of activities and hierarchy chart are enclosed as **ANNEXURE-I** & **ANNEXURE-II** respectively.

Computation of item wise Annual Revenue Requirement for FY 2011-12

1. **Annual Charges:** The annual charge of State Load Despatch Center consist of the following components.
 - (a) Return on equity;
 - (b) Interest on loan capital;
 - (c) Depreciation;

- (d) Operation and maintenance expenses excluding human resource expenses;
- (e) Human resources expenses;
- (f) Interest on working capital;

(a) Return on equity:

Since no equity has been provided, there is no return on equity.

(b)Interest on loan capital:

There is no out standing loan /loan proposed for SLDC expenditure.

(c)Depreciation:

Depreciation for the assets in the unified load despatch center and Offices in SLDC has been computed as Rs 17.536 lacs as per CERC Regulation (Form-4B). Depreciation towards recovery of capital expenditure has been proposed as Rs 294.5 lacs considering all amount to be recovered during the financial year Cumulative depreciation cost computed as **Rs.312.036 lacs..** The details of depreciation are indicated in **Form-6A**.

(d)Operation and Maintenance expenses:

Operation and maintenance expenses excluding human resources expenses for FY 2011-12 has been computed as **Rs.215.78 lacs(Form-7A)** considering the R&M expenditure proposed to be incurred for FMS, rent of lease lines, Web site charges, AMC charges for SCADA/EMS equipments, IT equipments and civil work maintenance of office building and colony etc and A&G expenses considering Office expenses, Training and certification programme of operators and executives, professional charges, communication system, gardening, meeting expenses etc., which are detailed at Form-7C and Form-7D respectively.

The O & M expenses have been projected considering actual works to be taken up during FY 2011-12. The escalated rate of 5.72% of previous year's expenditure as provided in the OERC Regulation has not been adopted due to less expenditure incurred during the current financial year. The expenditure could not be made by SLDC due to non transfer of assets and deployment of required man power which are under process.

(e) Human resources expenses:

Human resources expenses has been computed as Rs.611.572 lacs, considering the organisation structure proposed in line with ERLDC structure (**Annexure-3**).. The details calculation sheet of Human resources expenses are indicated in **Form-7B(4)**.

(f) Interest on working capital:

The interest on working capital computed as Rs.31.02 lacs as per CERC Regulation considering 11.75% rate of interest. The details are indicated in **Form-8**.

2. **Capital Expenditure (CAPEX) Plan:-** The capital expenditure proposed includes Procurement of computer, Precession AC for EASS center, UPS, Fire fighting equipments, Hiring of BSNL line for secondary communication link to three nos data hub stations (Sub-LDCs), establishment of WAN for collection of metering data from the Discom inter connection points, ERP Licensing, ERP implementing & Oracle user license, establishment of Video Conferencing System at SLDC etc. The CAPEX Plan costing Rs. 294.50 lacs is proposed to be incurred during the implementation period i.e FY 2011-12. The details of CAPEX for SLDC is depicted in **form 4B**.

The Commission has already approved Establishment of EASS during the FY 2010-11. Most of the equipment have been received for the above centre but the expenditure could not be booked due to turn key payment mechanism. It is expected to receive all the materials during the current FY 2010-11. Provision has been made for the balance work of EASS for FY 2011-12.

3. **Certification for LDC personnel:-** The recommendation No. (4) in Clause 6.4 of Report of the Committee on “Manpower, Certification and Incentives for System Operation and Ring fencing Load Despatch Centres” has envisaged that the highly specialized and technical nature of LDC function necessitates a suitable compensation structure to attract and retain talent. The committee recommended the compensation structure, innovative incentive schemes for higher learning and monetary incentives based on their ratings. Hence, the expenditure for Training & Certification of LDC personnel have been projected as Rs 60 lacs for FY 2011-12 (7D-33).

4. **SLDC Assets:-**Pursuant to the Transfer Scheme of 2005 as Notified by Govt. of Orissa, OPTCL, the State Transmission Utility, has been vested with State Load Despatch functions until further orders of the State Govt. Pursuant to the said Notification, the said vesting is with effect from 01.04.2005. Hon'ble Commission had directed to transfer all assets belonging to SLDC vide Order dated, 20.03.2010 in Case No. 146/2010. However action has been taken by OPTCL to transfer all assets to SLDC.
5. **Determination of the Annual Charges:-** The Annual Charges for SLDC has been computed as per provision in Regulation 20, 21, 22, 23 & 24 of CERC Regulation as detailed below:

Annual charges: Annual charges computed shall comprise of

A) System Operation Charges (SOC) i.e. 80 % of Annual charge

B) Market Operation Charges (MOC) i.e. 20 % of Annual charge

System Operation Charges (SOC) shall be collected from the users in the following ratio

- Intra State Transmission Licensee-10% in the basis of Ckt-KMs
- Generating Company & Seller - 45% in the basis of Install capacity
- Distribution Licensee & buyers - 45% in the basis of allocation

Market Operation Charges (MOC) shall be collected equally from the Discoms and Generating Companies apportioning to the entitlement and installed Capacity.

For the purpose of determination of the above charges, cost of proposed capital expenditure (CAPEX) plan and expenditure towards compensation (incentives) have been considered along with annual charges.

The detail of charges are indicated.

C)Registration Fee:-

Besides the above charges, provision for collection of registration fee@ Rs1.00 lac from all users has been made as per CERC Regulation.

D) Application fee and scheduling charges:-

Application fee and Scheduling charges of **Rs 5000/- per application and Rs.2000/- per day** or part there of shall be paid by the short term open access Customers.

Detail Generating Capacities for FY 2011-12 is shown below.

Sl No.	Name of the Power source	Installed Capacity (MW)	Firm Power Availability (MW)	Power Available for 2011-12 (MW)
1	HPS	347.5	134	130
2	Balimela	510	135	134
3	Rengali	250	60	93
4	Upper Kolab	320	95	94
5	Indravati	600	224	225
6	Total OHPC	2027.5	30	30
7	TTPS	460	360	352
8	OPGC	420	340	320
9	OPCL (Small Hydro)	20		
10	Meenakshi (Small Hydro)	37		
11	Arati Steels (IPP)	50		40
12	Sterlite (IPP)	600		500
13	CGP (max injection)	1046		1046
	Total	4660.5		

That the Applicant reserves its right to make further submissions as may in the circumstances be deemed necessary in the interest of justice.

Prayer

Considering the submission made above, OPTCL prays Hon'ble Commission to approve the Annual Revenue Requirement of **Rs.1170.408 lacs** for FY 2011-12 towards State Load Dispatch Centre (SLDC) function separately and kindly allow to recover the same

Bhubaneswar
30th November 2010

BY THE APPLICANT
THROUGH

Sr.General Manager (PS)
OPTCL, Bhubaneswar

**BEFORE THE ORISSA ELECTRICITY REGULATORY COMMISSION
BHUBANESWAR**

**Case No.....
Filing No- 1**

IN THE MATTER OF: An application for determination of Annual Revenue Requirement and Fees and Charges of State Load Despatch Centre (SLDC), Orissa for the FY 2011-12.

AND

IN THE MATTER OF: Orissa Power Transmission Corporation Limited.,
Janpath, Bhubaneswar.

... Applicant

Affidavit verifying the Application

I, Sri Pradipta Kumar Behura, son of Late Padmalava Behura, aged about 56 years, presently working at SLDC, Bhubaneswar do solemnly affirm and say as follows:

I am the Sr. General Manager (Power System) of Orissa Power Transmission Corporation Limited, the applicant in the above matter, and am duly authorized by the said applicant to make this affidavit on its behalf.

The statements made here in the above are based on information and I believe them to be true.

Bhubaneswar

30th November, 2010

DEPONENT

LEVY AND COLLECTION OF FEES & CHARGES

Annual charges	1170.408
Total Cost (Annual Fixed Cost)	1170.408
System Operation Charges (SOC) (80% of the AFC)	936.327
Market Operation Charges (MOC) (20% of the AFC)	234.082

System Operation Charges (SOC)	936.327
Intra State Transmission Licensee @10% of SOC	93.633
Generating Station & Sellers @45% of SOC	421.347
Distribution Licensees & Buyers@45% of SOC	421.347

(a) Intra State Transmission Licensee (SOC per month) 7.803

(b) Generating Station & Sellers 421.347

Sl. No.	Generating Company / Sellers	Installed Capacity	Total amount	Total amount
			(Annual)	(Monthly)
A	SGS & IPPs			
1	OHPC	2027.5	183.302	15.275
2	OPGC	420	37.971	3.164
3	TTPS	460	41.588	3.466
4	OPCL (Small Hydro)	20	1.808	0.151
5	Meenakshi (Small Hydro)	37	3.345	0.279
6	Arati Steels (IPP)	50	4.520	0.377
7	Sterlite (IPP)	600	54.245	4.520
B	CGPs			
8	NALCO	30	2.712	0.226
9	IMFA	58	5.244	0.437
10	HINDALCO	15	1.356	0.113
11	RSP	5	0.452	0.038
12	VAL(J)	370	33.451	2.788
13	VAL(L)	6	0.542	0.045
14	BSL:(MM)	40	3.616	0.301
15	BPSL(JSG)	30	2.712	0.226
16	JSL	215	19.438	1.620
17	NINL	21	1.899	0.158
18	VISA	20	1.808	0.151
19	SHYAM DRI	22	1.989	0.166
20	TSIL	18	1.627	0.136
21	PSL(keonjhar)	10	0.904	0.075
22	RATHI	5	0.452	0.038
23	IFFCO	25	2.260	0.188
24	Aryan Ispat	14	1.266	0.105
25	Arati Steel	26	2.351	0.196
26	NBVL	82	7.413	0.618
27	OSIL	15	1.356	0.113
28	Dinabandhu Steel & Power Ltd.	6	0.542	0.045
29	Maheswary Ispat Ltd	10	0.904	0.075
30	Nebheram Power & Steel (P) Ltd	3	0.271	0.023
	Total	4660.5	421.347	35.112

(c) Distribution Licensees & Buyers

		% share		
31	CESU	31.87	134.283	11.190
32	NESCO	23.93	100.828	8.402
33	SOUTHCO	12.36	52.078	4.340
34	WESCO	31.84	134.157	11.180
	Total	100	421.347	35.112

Market Operation Charges (MOC)
(a) Generating Company

234.082
117.041

Sl. No.	Generating Company / Sellers	Installed Capacity	Total amount	Total amount
			(Annual)	(Monthly)
A	SGS & IPPs		0.000	0.000
1	OHPC	2027.5	50.917	4.243
2	OPGC	420	10.548	0.879
3	TTPS	460	11.552	0.963
4	OPCL (Small Hydro)	20	0.502	0.042
5	Meenakshi (Small Hydro)	37	0.929	0.077
6	Arati Steels (IPP)	50	1.256	0.105
7	Sterlite (IPP)	600		
B	CGPs		0.000	0.000
8	NALCO	30	0.753	0.063
9	IMFA	58	1.457	0.121
10	HINDALCO	15	0.377	0.031
11	RSP	5	0.126	0.010
12	VAL(J)	370	9.292	0.774
13	VAL(L)	6	0.151	0.013
14	BSL:(MM)	40	1.005	0.084
15	BPSL(JSG)	30	0.753	0.063
16	JSL	215	5.399	0.450
17	NINL	21	0.527	0.044
18	VISA	20	0.502	0.042
19	SHYAM DRI	22	0.552	0.046
20	TSIL	18	0.452	0.038
21	PSL(keonjhar)	10	0.251	0.021
22	RATHI	5	0.126	0.010
23	IFFCO	25	0.628	0.052
24	Aryan Ispat	14	0.352	0.029
25	Arati Steel	26	0.653	0.054
26	NBVL	82	2.059	0.172
27	OSIL	15	0.377	0.031
28	Dinabandhu Steel & Power Ltd.	6	0.151	0.013
29	Maheswary Ispat Ltd	10	0.251	0.021
30	Nebheram Power & Steel (P) Ltd	3	0.075	0.006
	Total	4660.5	101.973	8.498

(b) Distribution Licensees & Buyers

117.041

Sl.		% share		
31	CESU	31.87	37.301	3.108
32	NESCO	23.93	28.008	2.334
33	SOUTHCO	12.36	14.466	1.206
34	WESCO	31.84	37.266	3.105
	Total	100	117.041	9.753

**Checklist of Forms and other information/ documents for tariff filing for State
Load Despatch Center, Orissa**

Form No.	Tariff Filing Formats (SLDC)	Tick
FORM- 1	Summary Sheet	✓
FORM- 2	Normative Parameters considered for tariff calculations	
FORM- 3	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM- 4A	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	
FORM- 4B	Element wise Break-up of Capital Cost	✓
FORM- 4C	Break-up of Construction/Supply/Service packages(On going)	✓
FORM- 4D	Financial Package upto COD	
FORM- 4E	Statement of Additional Capitalisation after COD	
FORM- 4F	Statement of Capital cost	
FORM- 4G	Statement of Capital Woks in Progress	
FORM- 4H	Financing of Additional Capitalisation	
FORM- 4I	Details of Foreign Equity	
FORM- 5A	Calculation of Interest on Normative Loan	
FORM- 5B	Calculation of Weighted Average Rate of Interest on Actual Loans ¹	
FORM- 5C	Details of Foreign loans	
FORM- 5D	Details of Project Specific Loans	
FORM- 5E	Details of Allocation of corporate loans to various RLDCs	
FORM- 6A	Statement of Depreciation	✓
FORM- 6B	Calculation of Depreciation Rate	✓
FORM- 7A	Details of Operation and Maintenance Expensese excluding human resource expenses	✓
FORM- 7B	Details of Human Resource Expenses	✓
FORM- 7C	Details of Repairs and Maintenance Expensese	✓
FORM- 7D	Details of Administrative and General expenses	✓
FORM- 8	Calculation of Interest on Working Capital	✓
FORM- 9	Draw Down Schedule for Calculation of IDC & Financing Charges	
FORM- 10	Actual cash expenditure	
Other Information/		
Documents		
1	Proposed Organisational structure (Annexure-I)	✓
2	Proposed Organisational structure (Annexure-II)	✓

Summary Sheet**Form- 1****State Load Despatch Center, Orissa**

(Rs. in lacs)

S.No.	Particulars	Form No	2011-12
1	2	3	4
1	Return on Equity		0.000
2	Interest on Loan Capital		0.000
3	Depreciation (inculding capital recovery cost)	6-A	312.036
4.	O&M Expenses excluding human resource expenses	7-A	215.780
5.	Human resource expenses	7-B(4)	611.572
6.	Interest on Working Capital	8	31.020
Total			1170.408

Abstract of Admitted Capital Cost for the existing Projects**State Load Despatch Center, Orissa**

Capital cost as admitted	
Capital cost admitted for FY 2011-12	294.500
Foreign Component, if any (In Million US \$ or the relevant Currency):	0.000
Domestic Component (Rs. lacs.):	294.500
Foreign Exchange rate considered for the admitted cost:	
Hedging cost, if any, considered for the admitted Capital cost	
Total Project cost admitted (Rs. Lacs):	294.500

Element wise Break-up of Capital Cost

FY-2011-12

State Load Despatch Centre, Orissa

Rs in lacs

Sl.No.	Details	Provision	Admitted Cost
1	2	5	8
1	Civil Works		
1.1	Renovation of Residential building in SLDC colony at Mancheswar	25.000	25.000
1.2	Construction of Drainage & sewerage system at SLDC colony	10.000	10.000
1.3	Street Light (including all materials & fittings)for SLDC colony	12.000	12.000
1.4	Ceiling Fan for colony Quarters & Office Building	1.500	1.500
	Total Civil Works	48.500	48.500
2	Equipments (New)		
2.1	Computer (12nos.), Laser Printer (2nos.)	7.000	7.000
2.2	Laptop (2 nos)	1.000	1.000
2.3	20kVA UPS (3 nos.) for each floor	21.000	21.000
	Total Equipments	29.000	29.000
3	Miscellaneous		
3.1	Hiring of BSNL link for data transfer from 3 nos. hub stations at Jaynagar, Meramundali, Budhipadar as secondary communication link	20.000	20.000
3.2	Establishment of Wide Area Network (WAN) for collection of metering data from DISCOM interconnection points to EASS centre at SLDC.	14.500	14.500
3.3	ERP Licensing Cost for 20 nos. Licences	9.000	9.000
3.4	ERP Modules implementation efforts	50.000	50.000
3.5	Oracle User Licence	25.000	25.000
3.6	Air conditioner with Voltage stabilizer, 30 nos @ Rs. 40,000 /- (25 nos replacement in SLDC Control Room & 5 nos. new for SLDC office)	12.000	12.000
3.7	EPABX system (60 Users)	2.000	2.000
3.8	Furnitures & Fixtures	1.500	1.500
3.9	Video Conferencing System at SLDC	20.000	20.000
	Total Miscellaneous	154.000	154.000
4	Energy Accounting & Settlement System (EASS)		
4.1	Cost of Hardware and software for EASS (Balance Work)	20.000	20.000
4.2	Precision AC (3 units) for EASS	21.000	21.000
4.3	Access Control System	3.500	3.500
4.4	Voltage Surge Suppressor	0.500	0.500
4.5	Fire Fighting Equipment	3.000	3.000
4.6	RF Link	5.000	5.000
4.7	Other Miscleneous expenses	10.000	10.000
	Total EASS	63.000	63.000
	Total Capital cost	294.500	294.500

Break-up of Construction / Supply / Service packages (on going)**State Load Despatch Center, Orissa**

S.No	Construction/supply / service package	Scope of works	Value of Award in (Rs. lacs.)	Firm or with Escalation in price	Actual expenditure till the completion or up to COD whichever is earlier (Rs. lacs.)	Status of Work	Rs in lacs	
							Expected Expenditure during the current year	Expected Expenditure during FY 2011-12.
1	Energy Accounting & Settlement Services	Establishment of Energy Accounting & Settlement Service centre at SLDC building with all hardware and software and civil works	149.00	0.00	0.00	Most of the materials have been received.	129.000	20.000

Form - 6A

Statement of Depreciation

State Load Despatch Center, Orissa

(Amount in lacs)

Financial Year	2009-10	2010-11	2011-12
1	2	3	4
Recovery of Capital Cost (Amount to be recovered during the year)	0.000	578.100	294.500
Depreciation on existing assets		27.802	17.536
Cumulative depreciation on capital recovery and existing assets		605.902	312.036

Form- 6B

Calculation of depreciation cost

State Load Despatch Center, Orissa

(Amount in lacs)

Sl. No.	Name of the Assets	Gross Block as on 31.03.2011	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for the year 2011-12
	1	2	3	4=Col.2 X Col.3
1.	Land	00.00	0.00%	0.000
2.	Office Building	00.00	1.63%	0.000
3.	Residential Building	00.00	1.63%	0.000
4.	Roads	00.00	100.00%	0.000
5.	Battery	09.33	5.28%	0.493
6.	Isolation transformer & ACDB for UPS	12.31	5.28%	0.650
7.	Underground Cables	00.95	5.28%	0.050
8.	Over Head LT lines	00.00	5.28%	0.000
9.	AC Plant	00.19	5.28%	0.010
10.	Split type Air Conditioner	05.49	5.28%	0.290
11.	DG Set	05.79	5.28%	0.306
12.	Office Furnitures	00.94	6.33%	0.059
13.	Office equipment	00.09	6.33%	0.006
14.	Internal Wiring	00.09	6.33%	0.006
15.	Street Light	11.37	5.28%	0.600
16.	Communication Equipment (intercom system)	00.00	6.33%	0.000
17.	IT equipment such as computers, printers including equipments at EASS centre	83.30	15.00%	12.495
18.	Software for EASS	05.60	30.00%	1.680
19.	End User's equipments such as router etc. to receive the metering data	05.61	15.00%	0.842
20.	Vehicle	00.95	5.28%	0.050
	TOTAL	142.01		17.536
	Weighted Average Rate of Depreciation (%)	12.35		

*Assets of ULDC projects except battery, UPS & DG Set have not been considered for computation of depreciation cost as they are owned by PGCIL.

* Assets such as Land & Building, Road have not been handed over to SLDC and hence not been considered for calculation of depreciation.

Details of Operation and Maintenance Expense excluding human resource expenses

State Load Despatch Centre, Orissa

SL No	ITEMS	Form No	2009-10	2010-11	2011-12
1	2	3	4	5	6
1	Repairs and maintenance expenses	7-C	3.781159	19.493	23.170
2	Administrative and general expenses, etc	7-D	34.09	96.642	192.610
	Total		37.868	116.135	215.780

(Rs. In Lacs)

Note: 1. Detail of these expenditure as per formats enclosed to be furnished

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2009-10)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2010-11)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2010-11)
4. EXPECTED FOR ENSUING YEAR(2011-12)

State Load despatch Centre, Orissa

Sl.No.	Account Code	Particulars	Executive		Non-Executive		Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries						220.796
2.	Over-time						0.000
3.	Dearness Allowance						25.460
4.	Other Allowance such as shift, convenience, ABT, green card washing, type etc						8.343
5.	Bonus						0.000
6.	Productivity Linked Incentive						0.000
7.	Sub Total (1 to 6)						254.599
	OTHER STAFF COST						
8.	Reimbursement of Medical Expenses						7.089
9.	Leave Travel Concession						0.70434
10.	Reimbursement of House Rent						26.949
11.	Interim Relief to Staff						0.000
12.	Encashment of Earned Leave	included in salary					0.000
13.	Honorarium						0.000
14.	Payment under Workmen compensation Act						0.000
15.	Ex-gratia						0.000
16.	Expenditure on VRS						0.000
17.	Sub Total (8 to 16)						34.742
18.	Staff Welfare Expenses						0.070
19.	Terminal Benefits						22.280
20.	Provisions						0.000
21.	Others (Specify)	Uniform & liveries					0.144
22.	Total (7+17+18+19+20+21)						311.836
23.	Revenue recovered, if any						0.000
24.	Net Total (22-23)						311.836

	ADDITIONAL INFORMATION						
1.	No. of Employees as on :						
	i) Executives	26	25	1			26
	ii) Non-Executives	22					0
	iii) Skilled				6	5	11
	iv) Non-Skilled					11	11
	Total	48	25	1	6	16	48
2.	No. of Employees per						
	i) MW handled						
	ii) MKwh handled						

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2009-10)
2. **ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2010-11)**
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2010-11)
4. EXPECTED FOR ENSUING YEAR(2011-12)

State load Despatch Center, Orissa

Sl.No	Account Code	Particulars	Executive		Non-Executive		Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries						195.16797
2.	Over-time						0
3.	Dearness Allowance						58.55039
4.	Other Allowance such as shift, convenience, ABT, green card washing, type etc						3.98812
5.	Bonus						0.00000
6.	Productivity Linked Incentive						0.00000
7.	Sub Total (1 to 6)						257.706
	OTHER STAFF COST						
8.	Reimbursement of Medical Expenses						4.06883
9.	Leave Travel Concession						0.00000
10.	Reimbursement of House Rent						12.51740
11.	Interim Relief to Staff						0.00000
12.	Encashment of Earned Leave						0.00000
13.	Honorarium						0.00000
14.	Payment under Workmen compensation Act						0.00000
15.	Ex-gratia						0.00000
16.	Expenditure on VRS						0.00000
17.	Sub Total (8 to 16)						16.586
18.	Staff Welfare Expenses						0.000
19.	Terminal Benefits						0.000
20.	Provisions						0.000
21.	Others (Specify) (Uniform & Liveries)						0.09334
22.	Total (7+17+18+19+20+21)						274.386
23.	Revenue recovered, if any						0.000
24.	Net Total (22-23)						0.000
							0.000
	ADDITIONAL INFORMATION						0
1.	No. of Employees as on :						0
	i) Executives		25	1			26
	ii) Non-Executives				5	17	22
	iii) Skilled						
	iv) Non-Skilled						
	Total						
2.	No. of Employees per						
	i) MW handled						
	ii) MKwh handled						

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2009-10)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2010-11)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2010-11)
4. EXPECTED FOR ENSUING YEAR(2011-12)

State Load Despatch Center, Bhubaneswar

Sl.No.	Account Code	Particulars	Executive		Non-Executive		Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries		48.98220	0.80130	8.20220	13.82520	71.81090
2.	Over-time		0.00000	0.00000	0.00000	0.00000	0.00000
3.	Dearness Allowance		21.69120	0.60780	3.39600	6.22140	31.91640
4.	Other Allowance such as shift, convenience, ABT, green card washing, type etc		4.48230	0.07800	0.57850	1.13198	6.27078
5.	Bonus		0.000	0.000	0.000	0.000	0.000
6.	Productivity Linked Incentive		0.000	0.000	0.000	0.000	0.000
7.	Sub Total (1 to 6)		75.156	1.487	12.177	21.179	109.998
	OTHER STAFF COST						0.000
8.	Reimbursement of Medical Expenses		2.41020	0.06760	0.37740	0.69120	3.546
9.	Leave Travel Concession		1.20000	0.00000	0.20000	0.40000	1.800
10.	Reimbursement of House Rent		8.76240	0.27012	0.53580	1.30380	10.872
11.	Interim Relief to Staff						0.000
12.	Encashment of Earned Leave						0.000
13.	Honorarium						0.000
14.	Payment under Workmen compensation Act						0.000
15.	Ex-gratia						0.000
16.	Expenditure on VRS						0.000
17.	Sub Total (8 to 16)		12.373	0.338	1.113	2.395	16.219
18.	Staff Welfare Expenses					0.060	0.060
19.	Terminal Benefits						0.000
20.	Provisions		0.000				0.000
21.	Others (Specify)		0.000				0.000
22.	Total (7+17+18+19+20+21)		87.528	1.825	13.290	23.634	126.277
23.	Revenue recovered, if any						0.000
24.	Net Total (22-23)						0
	ADDITIONAL INFORMATION						0
1.	No. of Employees as on :						0
	i) Executives		25	1			26
	ii) Non-Executives				5	17	22
	iii) Skilled						
	iv) Non-Skilled						
	Total						
2.	No. of Employees per						
	i) MW handled						
	ii) MKwh handled						

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2009-10)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2010-11)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2010-11)
4. EXPECTED FOR ENSUING YEAR(2011-12)

State Load Despatch Center, Bhubaneswar

Sl.No.	Account Code	Executive		Non-Executive		Total
		Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries	182.706	6.602	40.417	38.532	268.257
2.	Over-time					
3.	Dearness Allowance	82.218	2.971	18.188	17.339	120.716
4.	Other Allowance such as shift, convenience, ABT, green card washing, type etc	16.495	0.624	3.008	3.063	23.190
5.	Bonus					
6.	Compensation for LDC Personnel					12.000
7.	Sub Total (1 to 6)	281.418	10.197	61.613	58.934	424.163
	OTHER STAFF COST					
8.	Reimbursement of Medical Expenses	8.870	0.541	1.962	1.870	13.243
9.	Leave Travel Concession	3.680	0.000	1.040	1.082	5.802
10.	Reimbursement of House Rent	32.246	0.541	1.962	3.528	38.277
11.	Interim Relief to Staff					0.000
12.	Encashment of Earned Leave					0.000
13.	Honorarium					0.000
14.	Payment under Workmen compensation Act					0.000
15.	Ex-gratia					0.000
16.	Expenditure on VRS					0.000
17.	Sub Total (8 to 16)	44.795	1.082	4.965	6.481	57.322
18.	Staff Welfare Expenses	0.276	0.000	0.312	0.162	0.750
19.	Terminal Benefits	43.139	0.000	24.970	10.888	78.997
20.	Provisions - Arrear Salary RPP for 20 executives	50.000				50.000
21.	Others (Specify)			0.040	0.300	0.340
22.	Total (7+17+18+19+20+21)	419.628	11.279	91.901	76.765	611.572
23.	Revenue recovered, if any					0.000
24.	Net Total (22-23)	419.628	11.279	91.901	76.765	611.572
	ADDITIONAL INFORMATION					
1.	No. of Employees as on :					
	i) Executives	46	4			50
	ii) Non-Executives			13	23	36
	iii) Skilled					
	iv) Non-Skilled					
	Total					
2.	No. of Employees per					
	i) MW handled					
	ii) MKwh handled					

Repairs and Maintenance Expenses**State Load Despatch Center, Bhubaneswar**

Sl.No.	Description	Actuals for previous Financial Year 2009-10 in Rs	Current Financial Year			Estimates for ensuing year 2011-12
			Actual For First Six Months Up to Sept' 10	Projection For Balance Six Months of current year	Total during the current year	
1	Consumption of stores and spares		0	0	0	0
2	Loss of stores and spares		0	0	0	0
3	Plant & Machinery repairs and maintenance (R/M of 2 nos light vehicle)	44333	13219	135000	148219	150000
4	Civil works repairs and maintenance (Leak proof treatment to roofs & maintenance of residential buildings)	0	0	0	0	2000000
5	Web site service charges	36180	35808	300000	335808	300000
6	Band width charges for WAN					
7	AMC charges for:-					
7a	SCADA / EMS equipment	3700646	7571150	11000000	18571150	20000000
7b	APS equipment					
7c	Computers and peripharals, Software		55509	100000	155509	200000
7d	FAX , Photo copier , Air Conditioners etc		7043	75000	82043	120000
7e	Repair and maintenance of Furniture and fixtures including Elec. Maint.		0	200000	200000	400000
8	Total (1to7)	3781159	7682729	11810000	19492729	23170000
9	Revenue recoveries, if any					
10	Net Total (8-9)	3781159	7682729	11810000	19492729	23170000

Details of Administrative and General (A&G) expenses**State Load Despatch Center, Bhubaneswar**

Sl. No.	Description	Actuals for previous Financial Year 2009-10 in Rs.	Current Financial Year			Estimates for ensuing year 2011-12
			Actual For First Six Months (up to Sept, 2010)	Projection For Balance Six Months	Total	
	PROPERTY RELATED EXPENSES					
1	Licence Fees		0.00	0.00	0.00	0.00
2	Rent		0.00	0.00	0.00	0.00
3	Rates & Taxes		0.00	0.00	0.00	0.00
4	Insurance	7430.00	5616.00	0.00	5616.00	6000.00
5	Contribution to accident reserve fund					
6	Sub total :	7430.00	5616.00	0.00	5616.00	6000.00
	COMMUNICATION					
7	Telephone & Trunk Call	447694.00	228135.00	350000.00	578135.00	700000.00
8	Postage & Telegram, Telex, Teleprinter Charges, Telefax	16424.00	12810.00	30000.00	42810.00	60000.00
9	Courier Charges	350.00		2000.00	2000.00	5000.00
10	Other					
11	Sub total :	464468.00	240945.00	382000.00	622945.00	765000.00
	PROFESSIONAL CHARGES					
12	Legal expenses	0.00	0.00	0.00	0.00	1000000.00
13	Consultancy charges + FMS Charges	86774.00	58570.00	2000000.00	2058570.00	3000000.00
14	Technical fees		0.00	0.00	0.00	0.00
15	Audit fees		0.00	0.00	0.00	0.00
16	Other charges		0.00	0.00	0.00	0.00
17	Sub total :	86774.00	58570.00	2000000.00	2058570.00	4000000.00
	CONVEYANCE & TRAVELLING					
18	Conveyance expenses (Fuel)	161467.00	89945.00	120000.00	209945.00	250000.00
19	Travelling expenses	440652.00	130341.00	300000.00	430341.00	500000.00
20	Hire charges of vehicle	111611.00	92824.00	250000.00	342824.00	400000.00
21	Others		0.00	0.00	0.00	0.00
22	Sub total :	713730.00	313110.00	670000.00	983110.00	1150000.00
	OTHER EXPENSES					
23	Electricity charges	804.00	605.00	3000000.00	3000605.00	3500000.00
24	Fees & Subscription					
25	Books & Periodicals	3365.00	1169.00	10000.00	11169.00	50000.00
26	Printing & Stationery	133406.00	24552.00	100000.00	124552.00	200000.00
27	Advertisement	33081.00	56051.00	200000.00	256051.00	500000.00
28	Entertainment	5965.00	2986.00	3000.00	5986.00	20000.00
29	Watch & Ward	618523.00	223062.00	450000.00	673062.00	600000.00
30	Miscellaneous	68475.00	36826.00	60000.00	96826.00	150000.00
31	Organisational Development Expenses Cultural, Sports etc	0.00	0.00	0.00	0.00	200000.00
32	Outsourcing of collection of Metering data from regional interconnection points	1029433.00	430600.00	550000.00	980600.00	1200000.00
33	Training (including certification of operators)+ERP Training, Data entry & data integration	151867.00	61331.00	250000.00	311331.00	6000000.00
34	Sub total :	2044919.00	837182.00	4623000.00	5460182.00	12420000.00
	MATERIAL RELATED EXPENSES					
35	Demurrage and Wharfage on materials		0.00	0.00	0.00	0.00
36	Clearing & forwarding charges		0.00	0.00	0.00	0.00
37	Transit insurance		0.00	0.00	0.00	0.00
38	Sub total :	0.00	0.00	0.00	0.00	0.00
39	Others (Specify)					
40(a)	Gardening	1100.00	2000.00	400000.00	402000.00	500000.00
40(b)	Meetings	29430.00	13871.00	50000.00	63871.00	120000.00
40(c)	Office up-keeping	60800.00	32890.00	35000.00	67890.00	300000.00
41	Sub total :	91330.00	48761.00	485000.00	533761.00	920000.00
42	Total (6+12+18+23+35+39+40)	3408651.00	1504184.00	8160000.00	9664184.00	19261000.00
43	Revenue recoveries, if any	0.00	0.00	0.00	0.00	0.00
44	Net Total (41-42)	3408651.00	1504184.00	8160000.00	9664184.00	19261000.00

Calculation of Interest on Working Capital**State Load Despatch Center, Bhubaneswar**

Sl. No.	Particulars	Amount Lacs
1	2	3
1	O & M expenses for one month excluding human resource expenses(7-A)	17.98
2	Human resource expenses for one month (7-B4)	50.96
3	Receivables (2 months of SOC & MOC)	195.07
4	Total Working Capital	264.01
5	Rate of Interest	11.75%
6	Interest on Working Capital	31.02

ANNEXURE-I

GRID OPERATION HEADED BY C.G.M. (GRID OPERATION)

1.1 REAL TIME OPERATION HEADED BY GM, OPERATION

A. Real time Operation

- Generation Despatch
 - Real time generation dispatch as per merit
 - Scheduling revisions
- Transmission Despatch
 - Network monitoring and control
 - Congestion management
 - Voltage & VAr control

Manpower: 16 Nos Executives

4 Nos of executives in each group consisting of 1 No. DGM, 1 No. AGM, 1No. Manager & 1 No. Dy. Manager (4 Groups) and 3 Nos of Manager for Sub-LDC (one for each)

B. Operational Planning

- Operational System Analysis
- Shutdown planning
- Operational report preparation
- Management of data base
- Transmission / Generation availability Monitoring
- EMS

Manpower: 1No Manager & 2 Nos Dy. Managers

1.2 OPERATION SERVICES, MIS & REGULATORY AFFAIRS HEADED BY GM [OS, MIS & RA]

A. Operation Services Group

- Demand forecast- Short term (Day ahead, Month ahead, Year ahead)
- Day ahead scheduling of generation and optimization, in coordination with the State generators, ISGS allotment and neighboring utilities such as CGP, Discoms etc.
- Disco drawal Scheduling.
- Maintenance of Historical data and database.
- Short term transaction (Open Access) coordination with traders
- Off-line load flow study for outage planning and real time operation
- Network Security and disturbance Analysis
- Protection coordination
- Implementation plan for intra state ABT

Manpower: 1 No AGM, 1 No Manager & 1 No Dy. Manager

A. MIS & RA

- Data Archiving & Management report preparation
- System Study
- Incident Reporting & Disturbance Analysis
- Meetings
- Technical Library
- OERC Reporting

- ARR
- Regulation and Regulatory matters.

Manpower: 1 No AGM, 1 No Manager & 1 No Dy. Manager

1.3 COMMERCIAL HEADED BY SR. GENERAL MANAGER (COMMERCIAL)

GENERAL MANAGER (COMMERCIAL, TS, C & M, SCADA)

A. Commercial Group

- Reviewing Long term contracts and short term contracts
- Energy meter data collection & compilation
- Review of metering arrangement for Short-term contracts.
- Development of Billing & Settlement procedures and keeping of accounts of energy transacted.
- Preparation of UI bill for intra state utilities in case of implementation of Intra state ABT.
- Preparation of State energy Accounting and Bills for State distribution utilities.

Manpower: 1No AGM, 2 Nos Manager & 1 No Dy. Manager

B. Technical Services / Contract & Material management Group

- AC/DC auxiliary supply
- Diesel generator operation and maintenance
- UPS, battery, battery charger maintenance
- Safety
- Civil works maintenance.
- Air conditioning plant maintenance.
- Award of contract and contract execution
- Material management and maintenance of stores.

Manpower: 1No AGM, 1 No Manager & 1 No Dy. Manager

C. SCADA/EMS Group

- Monitoring of communication link availability such as Optical Fibra, MW, PLCC etc.(to be maintained by STU)
- Monitoring of RTU availability in coordination with STU Telecom deptt.
- SCADA System (hardware) maintenance.
- To develop suitable MIS for grid monitoring.
- Maintaining Historical database.
- Interface with ULDC project.
- To build up accounting oriented information system.

Manpower: 1No DGM, 1No AGM, 1 No Manager & 1 No Dy. Manager

1.4 FUNCTIONS DIRECTETLY UNDER DIRECTOR, SLDC

A. HUMAN RESOURCES MANAGEMENT

- Manpower planning, Training & placement
- Personal services (Leave / Loan / Recoveries etc)
- Installation Security and safety
- Human resource development
- Administration

Manpower: 1 No Asst. Manager, 1 No. Junior Manager

B. FINANCE

- Drawing and Disbursing functions
- Auditing
- Reconciliation
- Maintenance of asset registers
- Budget
- Accounts

Manpower: 1 No Assistant Manager, 1 No. Junior Manager

Total Executive staff requirement:

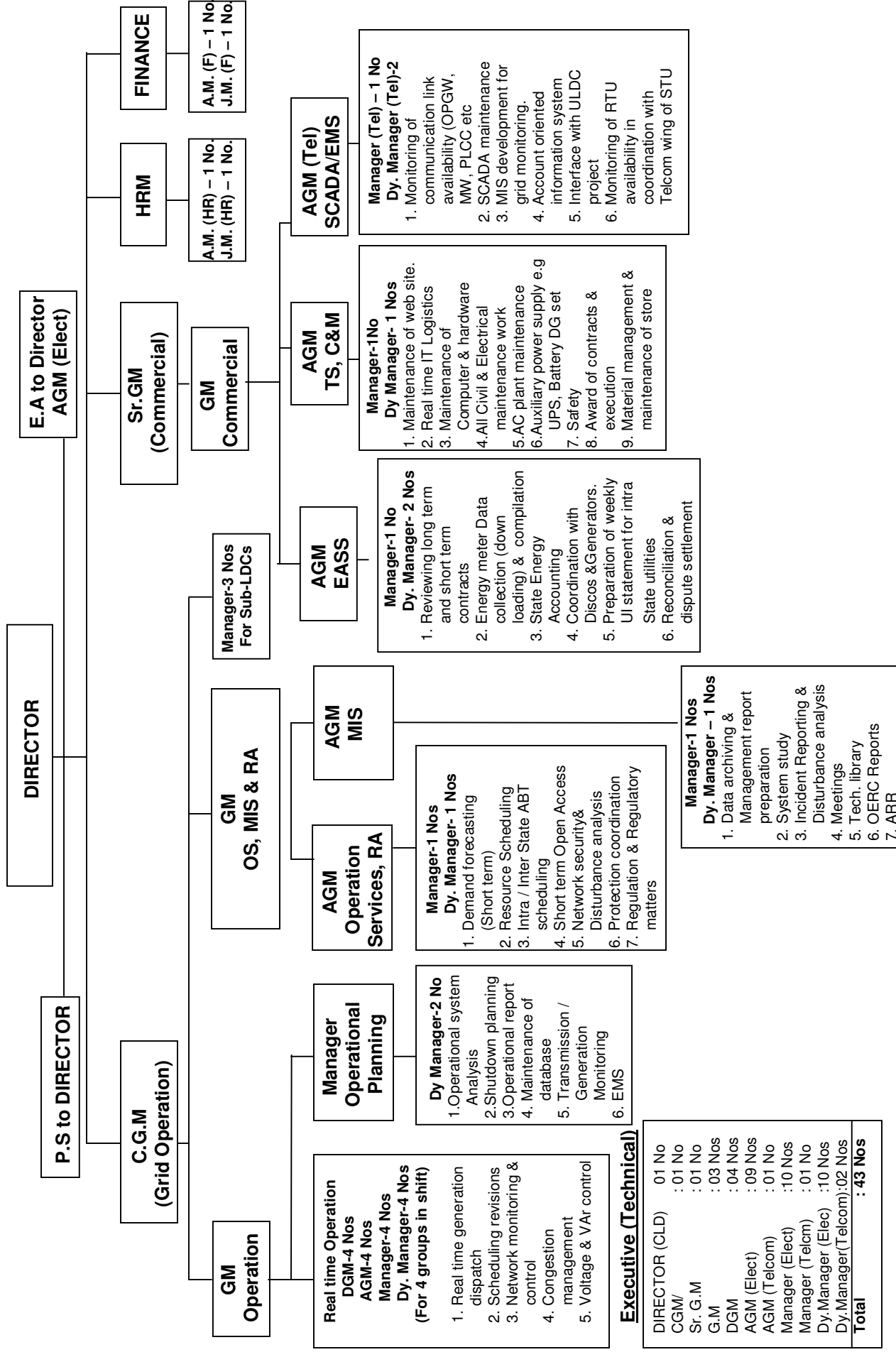
Sl.No	Category of Posts	Total Nos
1	Director	01
2.	Sr. Executive Assistant to Director (AGM)	01
1.1 GRID OPERATION		
A.	REAL TIME OPERATION	
3	CGM (Elect)	01
4	General Manager (Elect)	01
5	DGM (Elect)	04
6	AGM (Elect)	04
7	Manager (Electrical)	07
8	Deputy Manager (Electrical)	04
B.	OPERATIONAL PLANNING	
9	Manager (Electrical)	01
10	Deputy Manager (Electrical)	02
1.2 OS, RA & MIS		
11	General Manager (Elect)	01
A.	OPERATION SERVICES	
12	AGM (Elect)	01
13	Manager (Electrical)	01
14	Deputy Manager (Electrical)	01
B.	MIS & RA	
15	AGM (Elect)	01
16	Manager (Electrical)	01
17	Deputy Manager (Electrical)	01
1.3 COMMERCIAL SERVICES		
18	Sr. General Manager (Elect)	01
	COMMERCIAL, TS, C&M	
19	General Manager (Commercial, TS, C&M)	01
A	COMMERCIAL	
20	AGM (Elect)	01

21	Manager (Electrical)	01
22	Deputy Manager (Electrical)	02
B. TECHNICAL SERVICES / CONTRACT & MATERIAL MANAGEMENT		
23	AGM (Elect)	01
24	Manager (Electrical)	01
25	Deputy Manager (Electrical)	01
C	SCADA	
26	DGM (Telecom)	01
27	AGM (Telecom)	01
28	Manager (Telecom)	01
29	Deputy Manager (Telecom)	01
1.4 HRM		
30	Assistant Manager (HRD)	01
31	Junior Manager (HRD)	01
1.5 FINANCE		
31	Assistant Manager (Finance)	01
32	Junior Manager (Finance)	01
	TOTAL EXECUTIVES	50

Total Non-Executive staff requirement:

Sl.No	Category of Posts	Total Nos
1	Sr. PS to Director	01
2	PS to CGM (GO)	01
3	PA to Sr. GM (Commercial)	01
4	Section Officer	01
5	Accountant	01
6	Gr. I Assistant	01
7	Gr. II Assistant	02
8	L.D. Asst	03
9	Steno / Typist/ Comp. Asst.	05
10	Store Keeper	01
11	Record keeper	01
12	Fax Operator	05
13	Technician Electrical	01
14	Attendant /Messenger	10
15	Driver	02
	TOTAL NON-EXECUTIVES	36

Functional Chart of SLDC, Bhubaneswar (Draft)



ANNEXURE - III

Details of Human Resource Expenses for Proposed staffing structure of SLDC

State Load Despatch Center, Bhubaneswar

Sl.No	Category	Electrical	Telecom	Total	Total salary for one month per man (Rs.)	Total for one month (Rs.)	Total for 12 months 2011-12
Technical							
1	Director (SLDC)	1		1	46400	46400	556800
2	CGM	1		1	46400	46400	556800
3	Sr.General Manager	1	0	1	46200	46200	554400
4	General Manager	3	0	3	46200	138600	1663200
5	Dy. General Manager	4	1	5	42000	210000	2520000
6	Asst. General Manager	9	1	10	34000	340000	4080000
7	Manager	12	1	13	30000	390000	4680000
8	Dy. Manager	11	1	12	25000	300000	3600000
Non-Technical							
9	Asst. Manager (HRM)	1		1	20000	20000	240000
10	Asst. Manager (F)	1		1	20000	20000	240000
11	Jr. Manager (HRM)	1		1	18000	18000	216000
12	Jr. Manager (F)	1		1	18000	18000	216000
Non-Executive Staff							
13	Private Secretary	2		2	18000	36000	432000
14	PA	1		1	16000	16000	192000
15	Section officer	1		1	16000	16000	192000
16	Accountant	1		1	16000	16000	192000
Ministerial Staff							
17	Grade -I	1		1	15000	15000	180000
18	Grade -II	2		2	14000	28000	336000
19	L.D.Asst.	5		5	13000	65000	780000
20	Steno/Computer Asst.	5		5	14000	70000	840000
21	Fax Operator	5		5	13000	65000	780000
22	Technicians (Electrical)/Communication)	1		1	12000	12000	144000
23	Messenger/Peon/Group C/D	10		10	10000	100000	1200000
24	Driver / transport (for chief Load Despatcher)	2		2	11000	22000	264000
Total				86	860000	2054600	24655200

Depreciation Schedule

Sr. No.	Asset Particulars	Depreciation Rate
		SLM
A	Land under full ownership	0.0%
B	Land under lease	
(a)	for investment in the land	3.34%
(b)	For cost of clearing the site	3.34%
C	Other Assets	
a	Building & Civil Engineering works	
(i)	Offices and residential	1.63%
(ii)	Containing plant and equipments	3.34%
(iii)	Temporary erections such as wooden structures	3.34%
(iv)	Roads other than Kutcha roads	100.0%
(v)	Others	1.63%
b	Transformers, Kiosk, sub-station equipment & other fixed apparatus (including plant foundation)	
(i)	Transformers including foundations having rating of 100 KVA and over	5.28%
(ii)	Others	5.28%
c	Switchgear including cable connections	5.28%
d	Lightning arrestor	
(i)	Station type	5.28%
(ii)	Pole type	5.28%
(iii)	Synchronous condensor	5.28%
e	Batteries	5.28%
(i)	Underground cable including joint boxes and disconnected boxes	5.28%
(ii)	Cable duct system	3.34%
f	Overhead lines including cable support systems	
(i)	Lines on fabricated steel operating at terminal voltages higher than 66 KV	3.34%
(ii)	Lines on steel supports operating at terminal voltages higher than 13.2 KV but not exceeding 66 KV	5.28%
(iii)	Lines on steel on reinforced concrete support	5.28%
(iv)	Lines on treated wood support	5.28%
g	Meters	5.28%
h	Self propelled vehicles	9.50%
i	Air Conditioning Plants	
(i)	Static	5.28%
(ii)	Portable	6.33%
j(i)	Office furniture and furnishing	6.33%
(ii)	Office equipment	6.33%
(iii)	Internal wiring including fittings and apparatus	6.33%
(iv)	Strret Light fiittings	5.28%
k	Apparatus let on hire	
(i)	Other than motors	9.50%
(ii)	Motors	6.33%
l	Communication equipment	
(i)	Radio and high frequency carrier system	6.33%
(ii)	Telephone lines and telephones	6.33%
m	I. T. equipments	15.00%
n	Softwares	30.00%
o	Any other assets not covered above	5.28%