

**ANNUAL REVENUE REQUIREMENT
&
FEES AND CHARGES FOR STATE LOAD
DESPATCH CENTER, ODISHA**

FOR THE YEAR FY 2013-14

SUBMITTED TO
ODISHA ELECTRICITY REGULATORY COMMISSION



ODISHA POWER TRANSMISSION CORPORATION,
JANPATH, BHUBANESWAR

**BEFORE THE ODISHA 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), Odisha for the FY 2013-14.

and

IN THE MATTER OF: Odisha 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 Odisha, Department 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 Odisha 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 Odisha 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 a 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*

Accordingly, the application for approval of Annual Revenue Requirement and Fees & Charges for SLDC for FY 2013-14 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 are 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, which is in final stage.

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 structure 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.

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 presently being used at SLDC is yet to be transferred, the ULDC asset recovery charges are not considered in the ARR. However the depreciation cost has been considered in anticipation of transfer of assets during the current FY: 2013-14.

Provision of CAPEX Plan

The CAPEX plan of SLDC for the FY 2011-12 has been approved by Hon'ble Commission vide OERC order dated 24.10.2011 which is under implementation. Hence, separate CAPEX expenditure has not been proposed for the ensuing FY 2013-14.

Organizational structure and their Functions (Provisional)

The man power structure proposed in the ARR is in line with ERLDC structure and as per the direction of the Commission in their previous order. The details of staffing structure is indicated at **Annexure-I**.

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 for dedicated server for providing uninterrupted Dashboard data management services to the users by making the website robust have also been included under R&M expenses.**

Computation of item wise Annual Revenue Requirement for FY 2013-14

1. **Annual Charges:** As per the OERC (Fees and Charges of State Load Despatch Center and other related matters) Regulations, 2010 the annual charges of State Load Despatch Center consists 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 resources expenses;
- f) Interest on working capital;

(a) Return on equity & (b) Interest on loan 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.

(c) Depreciation:

Depreciation for the assets in the Unified Load Despatch Center and offices in SLDC has been computed as Rs. **30.834** lacs as per CERC Regulation (Form-4B). The details of depreciation are indicated in **Form-6A & 6B**. The major amount of depreciation charges is for recovering the depreciation cost for Video Projection Screen (VPS) amounting Rs. **17.468** lacs and the depreciation cost for IT equipments at EASSC amounting Rs. **9.439** lacs.

(d) Operation and Maintenance expenses:

Operation and Maintenance expenses excluding Human Resources expenses for FY 2013-14 has been computed as **Rs.484.676 lacs (Form-7A)** considering the R&M expenditure proposed to be incurred for Facility Management Services (FMS),

Website charges, AMC charges for SCADA / EMS equipments, IT equipments and civil work / Electrical maintenance of office building and colony quarters 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 expenditure to be incurred during FY 2013-14. The escalated rate of 5.72% of previous year's expenditure as provided in the OERC Regulation has not been adopted in some of the items 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 manpower, which are under process.

Further, provision for dedicated server for providing uninterrupted Dashboard data management services to the users (Discoms) operating under intra-state ABT regime has been included under R&M expenses. The estimated cost for the required hardware and software is Rs 55 lacs, which has been prepared in consultation with ERLDC, as they are providing similar services to the constituents.

In the ARR for the FY 2012-13, the proposed expenses for civil works maintenance and electrical maintenance of SLDC building and colony quarters has not been approved as, the above assets were not transferred to SLDC. However, considering the assets to be transferred to SLDC before the commencement of FY-2013-14, provision of RS 10.00 lacs and 2.00 lacs have been kept for civil works maintenance and electrical maintenance of SLDC building and colony quarters respectively. Transfer of assets to SLDC is under progress.

e) Human resources expenses:

Human resources expenses have been computed as Rs.524.960 lacs. Hon'ble Commission have approved 81 numbers of personnel of different category to be deployed for carrying out SLDC function in line with ERLDC structure. Although the present staff strength of ERLDC is 87 nos., the total numbers of employees at SLDC is proposed as 81 nos. as per the direction of Hon'ble Commission. The salary and other remuneration of the employees have been computed by prorating existing salary to the required numbers as indicated in **Form-7B (4)**. The details of

Category of proposed Staffing structure are indicated in **Annexure-II**. The present staff strength of SLDC is 43 numbers as on 30.09.2012 excluding 16 numbers of Telecommunication personnel working at SLDC & Sub-LDCs. Posting of required number of executives are under process. Some of the executives transferred from different places have already joined at SLDC.

f) Interest on working capital:

The interest on working capital computed as Rs.**31.54** lacs as per OERC Regulation considering 12% rate of interest. The details are indicated in **Form-8**.

Abstract of expenses proposed for FY 2013-14:

Sl. No.	Particulars	2013-14
1	Return on Equity	0.000
2	Interest on Loan Capital	0.000
3	Depreciation	30.834
4.	O&M Expenses excluding human resource expenses	484.676
5.	Human resource expenses	524.960
6.	Interest on Working Capital	31.54
	Total expenses	1072.010

2. **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. Seven numbers of SLDC Executives have completed the Certification Training and successfully qualified. Thirteen numbers of SLDC Executives have completed the Certification Training and will appear the online examination on 16th December 2012. For future training programme, the expenditure for Training & Certification of LDC personnel has been projected as Rs **20** lacs for FY 2013-14 (7D-33).

3. **SLDC Assets:-** Most of the assets of SLDC along with sub-SLDC have been identified as per the direction of Hon’ble Commission. The evaluation of such assets is under progress and will be completed by the end of the current FY-2012-13.

4. **Determination of the Annual Charges:-** The Annual Charges for SLDC has been computed as per provision in Regulation 17, 18, 19, 20, 21 & 22 of OERC 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% on the basis of Ckt-Kms
- Generating Company & Seller - 45% on the basis of Installed capacity
- Distribution Licensee & buyers - 45% on 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 respectively.

For the purpose of determination of the above charges for CGPs, the maximum MW scheduled during April to October 2012 has been considered. The CGPs not injected power during the above period, have not been included for computation of Annual charges.

Abstract of collection of SLDC charges proposed for FY 2013-14:

(in Lacs)

Annual charges (AFC)	1072.010
System Operation Charges (SOC) (80% of the AFC)	857.608
Intra State Transmission Licensee @10% of SOC	85.761
Generating Station & Sellers @45% of SOC	385.923
Distribution Licensees & Buyers@45% of SOC	385.923
Market Operation Charges (MOC) (20% of the AFC)	214.402
Generating Station & Sellers @50% of MOC	107.201
Distribution Licensees & Buyers@50% of MOC	107.201

C) Registration Fee:-

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

5. **Application fee and scheduling charges:-** Application fee and Scheduling charges of Rs 5000/- per application and Rs.2000/- per day or part thereof respectively shall be paid by the short term open access Customers as per CERC Regulation.

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.1072.010 lacs** for FY 2013-14 towards State Load Dispatch Centre (SLDC) function separately and kindly allow recovering the same from the users.

Bhubaneswar
29th November 2012

BY THE APPLICANT
THROUGH

Sr. General Manager (PS)
OPTCL, Bhubaneswar

**BEFORE THE ODISHA ELECTRICITY REGULATORY COMMISSION
BHUBANESWAR**

**Case No.....
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IN THE MATTER OF: An application for determination of Annual Revenue Requirement and Fees and Charges of State Load Despatch Centre (SLDC), Odisha for the FY 2013-14.

and

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

... Applicant

Affidavit verifying the Application

I, Sri Prashanta Kumar Dash, son of Late Baikunthanath Dash, aged about 57 years, presently working at SLDC, Bhubaneswar do solemnly affirm and say as follows:

I am the Sr. General Manager (Power System) of Odisha 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

DEPONENT

29th November, 2012

LEVY AND COLLECTION OF FEES & CHARGES (` in Lacs)

Annual charges	1072.010
Total Cost (Annual Fixed Cost)	1072.010
System Operation Charges (SOC) (80% of the AFC)	857.608
Market Operation Charges (MOC) (20% of the AFC)	214.402
System Operation Charges (SOC)	857.608
Intra State Transmission Licensee @10% of SOC	85.761
Generating Station & Sellers @45% of SOC	385.923
Distribution Licensees & Buyers@45% of SOC	385.923
(a) Intra State Transmission Licensee (SOC per month)	7.147
(b) Generating Station & Sellers	385.923

(` in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	
			(Annual)	(Monthly)
A	State Generating Station			
1	OHPC	2027.5	167.021	13.918
2	OPGC	420	34.599	2.883
3	TTPS	460	37.894	3.158
B	Small Hydro & Bio-mass			
4	OPCL (Small Hydro)	20	1.648	0.137
5	Meenakshi (Small Hydro)	37	3.048	0.254
6	Shalivahana Green Energy Ltd	20	1.648	0.137
C	IPP			
7	Arati Steels (IPP)	50	4.119	0.343
8	Sterlite Energy Limited	600	49.427	4.119
D	CGPs	Maximum Scheduled (MW) (up to end of October-2012)		
9	Aarti Steel Ltd (CGP)	15	1.236	0.103
10	Action Ispat & Power Pvt. Limited	4.3	0.354	0.030
11	Aryan Ispat & Power Pvt. Ltd.	10.5	0.865	0.072
12	Bhusan Power & Steel Ltd.,Jharsuguda	75	6.178	0.515
13	Bhusan Steel Limited, Meramundali	90	7.414	0.618
14	FACOR Power Ltd.	18	1.483	0.124
15	HINDALCO	20	1.648	0.137
16	IFFCO	20	1.648	0.137
17	IMFA	30	2.471	0.206
18	Jindal Stainless Limited, Duburi	70	5.766	0.481
19	Jindal Steel & Power Ltd., Angul	261	21.501	1.792
20	Maithan Ispat Limited	6	0.494	0.041
21	MSP Metalicks Limited	6.5	0.535	0.045
22	NALCO, Angul	60	4.943	0.412
23	Narberham Power & Steel (P) Ltd	5	0.412	0.034
24	Nava Bharat Ventures Limited	64	5.272	0.439
25	Nilachal Ispat Nigam Limited	27	2.224	0.185
26	Orissa Sponge Iron Limited	6.5	0.535	0.045
27	Pattaniak Steel & Alloys Limited	6	0.494	0.041
28	Rathi Steel & Power Limited	4	0.330	0.027
29	RSP	4	0.330	0.027
30	Shree Ganesh Metalicks Limited	16	1.318	0.110
31	Shyam Metalicks & Energy Limited	8	0.659	0.055
32	Tata Sponge Iron Limited	17.5	1.442	0.120
33	Vedanta Aluminium Limited (Jharsuguda)	150	12.357	1.030
34	Vedanta Aluminium Limited (Lanjigarh)	7	0.577	0.048
35	VISA Steel Limited	46	3.789	0.316
36	Yazdani Steel & Power Limited	3	0.247	0.021
	Total	4684.8	385.923	32.160
(c)	Distribution Licensees & Buyers		385.923	
		% share		
37	CESU	35.68	137.698	11.475
38	NESCO	22.98	88.685	7.390
39	WESCO	28.14	108.599	9.050
40	SOUTHCO	13.20	50.942	4.245
	Total	100.00	385.923	32.160

Market Operation Charges (MOC)
(a) Generating Company

214.402
107.201

(` in Lacs)

Sl. No.	Generating Company / Sellers	Installed Capacity (MW)	Total amount	Total amount
			(Annual)	(Monthly)
A	State Generating Station			
1	OHPC	2027.5	46.395	3.866
2	OPGC	420	9.611	0.801
3	TTPS	460	10.526	0.877
B	Small Hydro & Bio-mass			
4	OPCL (Small Hydro)	20	0.458	0.038
5	Meenakshi (Small Hydro)	37	0.847	0.071
6	Shalivahana Green Energy Ltd	20	0.458	0.038
C	IPP			
7	Arati Steels (IPP)	50	1.144	0.095
8	Sterlite Energy Limited	600	13.730	1.144
D	CGPs	Maximum Scheduled (MW) (up to end of October-2012)		
9	Aarti Steel Ltd (CGP)	15	0.343	0.029
10	Action Ispat & Power Pvt. Limited	4.3	0.098	0.008
11	Aryan Ispat & Power Pvt. Ltd.	10.5	0.240	0.020
12	Bhusan Power & Steel Ltd.,Jharsuguda	75	1.716	0.143
13	Bhusan Steel Limited, Meramundali	90	2.059	0.172
14	FACOR Power Ltd.	18	0.412	0.034
15	HINDALCO	20	0.458	0.038
16	IFFCO	20	0.458	0.038
17	IMFA	30	0.686	0.057
18	Jindal Stainless Limited, Duburi	70	1.602	0.133
19	Jindal Steel & Power Ltd., Angul	261	5.972	0.498
20	Maithan Ispat Limited	6	0.137	0.011
21	MSP Metallicks Limited	6.5	0.149	0.012
22	NALCO, Angul	60	1.373	0.114
23	Narbheram Power & Steel (P) Ltd	5	0.114	0.010
24	Nava Bharat Ventures Limited	64	1.464	0.122
25	Nilachal Ispat Nigam Limited	27	0.618	0.051
26	Orissa Sponge Iron Limited	6.5	0.149	0.012
27	Pattaniak Steel & Alloys Limited	6	0.137	0.011
28	Rathi Steel & Power Limited	4	0.092	0.008
29	RSP	4	0.092	0.008
30	Shree Ganesh Metallicks Limited	16	0.366	0.031
31	Shyam Metallicks & Energy Limited	8	0.183	0.015
32	Tata Sponge Iron Limited	17.5	0.400	0.033
33	Vedanta Aluminium Limited (Jharsuguda)	150	3.432	0.286
34	Vedanta Aluminium Limited (Lanjigarh)	7	0.160	0.013
35	VISA Steel Limited	46	1.053	0.088
36	Yazdani Steel & Power Limited	3	0.069	0.006
	Total	4684.8	107.201	8.933

(b) Distribution Licensees & Buyers

107.201

Sl.		% share		
37	CESU	35.68	38.249	3.187
38	NESCO	22.98	24.635	2.053
39	WESCO	28.14	30.166	2.514
40	SOUTHCO	13.20	14.151	1.179
	Total	100	107.201	8.933

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

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(Ongoing)	
FORM- 4D	Financial Package up to COD	
FORM- 4E	Statement of Additional Capitalization after COD	
FORM- 4F	Statement of Capital cost	
FORM- 4G	Statement of Capital Woks in Progress	
FORM- 4H	Financing of Additional Capitalization	
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 Expense excluding human resource expenses	✓
FORM- 7B	Details of Human Resource Expenses	✓
FORM- 7C	Details of Repairs and Maintenance Expenses	✓
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 position wise Role & Responsibilities (Annexure-I)	✓
2	Category of proposed staffing structure (Annexure-II)	✓
3	Cash Flow Statement (Appendix-I)	✓
4	Details of development Fund (Appendix-II)	✓
5	Audited copy of SLDC development fund for FY 2009-10 to 2011-12 (Appendix-III)	✓

Summary Sheet**Form- 1****State Load Despatch Centre, Odisha**

(Rs. in lacs)

Sl.No.	Particulars	Form No	2013-14
1	2	3	4
1	Return on Equity		0.000
2	Interest on Loan Capital		0.000
3	Depreciation	6-A	30.834
4.	O&M Expenses excluding human resource expenses	7-A	484.676
5.	Human resource expenses	7-B(4)	524.960
6.	Interest on Working Capital	8	31.54
Total			1072.010

Statement of Depreciation**State Load Despatch Centre, Odisha**

(Amount in lacs)

Financial Year	2011-12	2012-13	2013-14
1	2	3	4
Recovery of Capital Cost (Amount to be recovered during the year)	0.000	0.000	0.000
Depreciation on existing assets	17.536	20.550	30.834
Cumulative depreciation on capital recovery and existing assets	17.536	20.550	30.834

**Calculation of depreciation
cost**

State Load Despatch Centre, Odisha

(Amount in lacs)

Sl. No.	Name of the Assets	Gross Block as on 31.03.2012	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount for the year 2012-13
	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	08.37	5.28%	0.442
6.	Isolation transformer & ACDB for UPS	11.05	5.28%	0.583
7.	Underground Cables	00.85	5.28%	0.045
8.	Over Head LT lines	00.00	5.28%	0.000
9.	AC Plant	00.17	5.28%	0.009
10.	Split type Air Conditioner	04.93	5.28%	0.260
11.	DG Set	05.19	5.28%	0.274
12.	Office Furnitures	00.82	6.33%	0.052
13.	Office equipment	00.08	6.33%	0.005
14.	Internal Wiring	00.08	6.33%	0.005
15.	Street Light	10.20	5.28%	0.538
16.	Communication Equipment (intercom system)	00.00	6.33%	0.000
17.	IT equipment such as computers, printers including equipments at EASS centre	62.93	15.00%	9.439
18.	Software for EASS	02.74	30.00%	0.823
19.	Video Projection System (VPS)	116.45	15.00%	17.468
20.	End User's equipments such as router etc. to receive the metering data	04.05	15.00%	0.608
21.	Vehicle	05.35	5.28%	0.282
	TOTAL	233.27		30.834
	Weighted Average Rate of Depreciation (%)	13.22		

*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, Odisha**

(Rs. In Lacs)

SL No	ITEMS	Form No	2011-12	2012-13	2013-14
1	2	3	4	5	6
1	Repairs and maintenance expenses	7-C	172.517	237.121	322.710
2	Administrative and general expenses, etc	7-D	94.529	126.682	161.966
	Total		267.046	363.804	484.676

Form - 7B(1)

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2011-12)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2012-13)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2012-13)
4. EXPECTED FOR ENSUING YEAR(2013-14)

State Load Despatch Centre, Odisha

Fig in Lacs

Sl.No.	Account Code	Particulars	Executive		Non-Executive		Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries						137.077
2.	Over-time						0.000
3.	Dearness Allowance						75.822
4.	Other Allowance such as shift, convenience, ABT, green card washing, type etc						10.001
5.	Bonus						
6.	Productivity Linked Incentive						
7.	Sub Total (1 to 6)						222.90
	OTHER STAFF COST						
8.	Reimbursement of Medical Expenses						7.578
9.	Leave Travel Concession						0.446
10.	Reimbursement of House Rent						18.922
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)						26.946
18.	Staff Welfare Expenses						0.082
19.	Terminal Benefits						0.130
20.	Provisions-Arrear Salary(RPP)						1.828
21.	Others (Specify)	Uniform & liveries					0.574
22.	Total (7+17+18+19+20+21)						252.462
23.	Revenue recovered, if any						0.000
24.	Net Total (22-23)						252.462

ADDITIONAL INFORMATION						
1.	No. of Employees as on :	31.03.2012				
	i) Executives		24	3		27
	ii) Non-Executives				7	9
	iii) Skilled					
	iv) Non-Skilled					
	Total					43
2.	No. of Employees per					
	i) MW handled					
	ii) MKwh handled					

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2011-12)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2012-13)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2012-13)
4. EXPECTED FOR ENSUING YEAR(2013-14)

State Load Despatch Centre, Odisha

Fig in Lacs

Sl.No	Account Code	Particulars	Executive		Non-Executive		Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries						63.734
2.	Over-time						0.000
3.	Dearness Allowance						42.118
4.	Other Allowance such as shift, convenience, ABT, green card washing, type etc						5.406
5.	Bonus						
6.	Productivity Linked Incentive						
7.	Sub Total (1 to 6)						111.26
	OTHER STAFF COST						
8.	Reimbursement of Medical Expenses						2.655
9.	Leave Travel Concession						
10.	Reimbursement of House Rent						9.203
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)						11.858
18.	Staff Welfare Expenses						0.000
19.	Terminal Benefits						0.027
20.	Provisions - RPP						1.185
21.	Others (Specify) (Uniform & Liveries)						0.034
22.	Total (7+17+18+19+20+21)						124.362
23.	Revenue recovered, if any						0.000
24.	Net Total (22-23)						124.362

ADDITIONAL INFORMATION							
1.	No. of Employees as on :	30.09.2012					
	i) Executives		25	3			28
	ii) Non-Executives				7	8	15
	iii) Skilled						
	iv) Non-Skilled						
	Total						43
2.	No. of Employees per						
	i) MW handled						
	ii) MKwh handled						

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2011-12)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2012-13)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2012-13)
4. EXPECTED FOR ENSUING YEAR(2013-14)

State Load Despatch Centre, Odisha

Fig in Lacs

Sl.No.	Account Code	Particulars	Executive		Non-Executive		Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries						75.000
2.	Over-time						
3.	Dearness Allowance						55.000
4.	Other Allowance such as shift, conveyance, ABT, green card washing, type etc						7.000
5.	Bonus						
6.	Productivity Linked Incentive						
7.	Sub Total (1 to 6)						137.00
	OTHER STAFF COST						
8.	Reimbursement of Medical Expenses						4.000
9.	Leave Travel Concession						2.000
10.	Reimbursement of House Rent						12.000
11.	Interim Relief to Staff						
12.	Encashment of Earned Leave						
13.	Honorarium						
14.	Payment under Workmen compensation Act						
15.	Ex-gratia						1.000
16.	Expenditure on VRS						
17.	Sub Total (8 to 16)						19.000
18.	Staff Welfare Expenses						1.000
19.	Terminal Benefits						
20.	Provisions- RPP (25 Nos.)						25.000
21.	Others (Specify)						0.000
22.	Total (7+17+18+19+20+21)						182.000
23.	Revenue recovered, if any						0.000
24.	Net Total (22-23)						182.00
	ADDITIONAL INFORMATION						
1.	No. of Employees as on :	30.09.2012					
	i) Executives		25	3			28
	ii) Non-Executives				7	8	15
	iii) Skilled						
	iv) Non-Skilled						
	Total						43
2.	No. of Employees per						
	i) MW handled						
	ii) MKwh handled						

Details of Human Resource Expenses

1. ACTUALS FOR PREVIOUS YEAR (2011-12)
2. ACTUALS FOR IST SIX MONTHS OF THE CURRENT YEAR (2012-13)
3. EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR(2012-13)
4. EXPECTED FOR ENSUING YEAR(2013-14)

State Load Despatch Centre, Odisha

Fig in Lacs

Sl.No.	Account Code	Executive		Non-Executive		Total
		Technical	Non-Tech.	Technical	Non-Tech.	
1.	Salaries	155.746	13.217	18.210	29.808	216.981
2.	Over-time					
3.	Dearness Allowance	131.667	11.667	15.429	25.500	184.262
4.	Other Allowance such as shift, conveyance, ABT, green card washing, type etc	15.643	0.961	1.767	2.065	20.437
5.	Bonus					
6.	Compensation for LDC Personnel					12.000
7.	Sub Total (1 to 6)	303.056	25.845	35.406	57.373	433.680
	OTHER STAFF COST					
8.	Reimbursement of Medical Expenses	8.937	0.661	0.911	1.491	11.999
9.	Leave Travel Concession	2.000	0.500	1.000	1.500	5.000
10.	Reimbursement of House Rent	33.600	1.200	2.006	6.375	43.181
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)	44.537	2.361	3.916	9.366	60.180
18.	Staff Welfare Expenses	0.300	0.100	0.100	0.500	1.000
19.	Terminal Benefits	0.000	0.000	0.000	0.000	0.000
20.	Provisions - RPP for 15 executives	30.000				30.000
21.	Others (Specify) (Uniform & Liveries))			0.050	0.050	0.100
22.	Total (7+17+18+19+20+21)	377.893	28.306	39.472	67.289	524.960
23.	Revenue recovered, if any					0.000
24.	Net Total (22-23)	377.893	28.306	39.472	67.289	524.960
	ADDITIONAL INFORMATION					
1.	No. of Employees as on :					
	i) Executives	50	5			55
	ii) Non-Executives			9	17	26
	iii) Skilled					
	iv) Non-Skilled					
	Total					81
2.	No. of Employees per					
	i) MW handled					
	ii) MKwh handled					

Repairs and Maintenance Expenses

State Load Despatch Centre, Odisha

Fig in Lacs

Sl.No.	Description	Actuals for previous Financial Year 2011-12	Current Financial Year			Estimates for ensuing year 2013-14
			Actual For First Six Months Up to Sept' 12	Projection For Balance Six Months of current year	Total during the current year	
1	Consumption of stores and spares	0.000	0.000	0.000	0.000	0.000
2	Loss of stores and spares	0.000	0.000	0.000	0.000	0.000
3	Plant & Machinery repairs and maintenance (R/M of 2 nos light vehicle)	0.262	0.270	0.220	0.490	0.500
4	Civil works repairs and maintenance (Leak proof treatment to roofs & maintenance of residential buildings)	0.000	0.000	0.000	0.000	10.000
5	Electrical maintenance of Office Building, Colony quarters including Street light.	1.968	0.000	0.000	0.000	2.000
6	Leased Internet connectivity	0.000	0.000	1.500	1.500	0.500
7	Hiring/Rent of BSNL link for data transfer from 3 nos. Sub-LDCs to SLDC.	0.000	0.000	20.000	20.000	20.000
8	Dedicated web server with Firewalls configuration for dashboard management to provide un interrupted services to the users	0.000	0.000	0.000	0.000	55.000
9	AMC charges for:-					
9a	Leased Internet connectivity & RF Link	0.000	0.000	0.750	0.750	1.450
9b	Website service charges		0.990	1.500	2.490	3.000
9c	Band width charges for WAN		0.000	0.000	0.000	0.000
9d	SCADA / EMS equipment & VPS		93.000	115.000	208.000	225.000
9e	APS equipment		0.000	0.000	0.000	0.000
9f	Computers and peripharals, Software		1.284	1.500	2.784	4.000
9g	FAX , Photo copier , Air Conditioners etc		0.107	0.900	1.007	1.060
9h	Repair of furnitures & fixures	0.000	0.000	0.100	0.100	0.200
10	Total (1 to 9)	172.517	95.651	141.470	237.121	322.710
11	Revenue recoveries, if any	0.000	0.000	0.000	0.000	0.000
12	Net Total (7-8)	172.517	95.651	141.470	237.121	322.710

Details of Administrative and General (A&G) expenses
State Load Despatch Centre, Odisha

Fig in Lacs

Sl. No.	Description	Actuals for previous Financial Year 2011-12	Current Financial Year			Estimates for ensuing year 2013-14
			Actual For First Six Months (up to Sept, 2012)	Projection For Balance Six Months	Total	
PROPERTY RELATED EXPENSES						
1	Licence Fees		0.243	0.000	0.243	0.200
2	Rent					
3	Rates & Taxes					
4	Insurance	0.042	0.212	0.000	0.212	0.200
5	Contribution to accident reserve fund		0.000	0.000	0.000	0.000
6	Sub total :	0.042	0.456	0.000	0.456	0.456
COMMUNICATION						
7	Telephone & Trunk Call	4.306	1.999	4.000	5.999	7.000
8	Postage & Telegram, Telex, Teleprinter Charges, Telefax	0.249	0.177	0.500	0.677	1.000
9	Courier Charges	0.008	0.000	0.010	0.010	0.010
10	Other	0.000	0.000	0.000	0.000	0.000
11	Sub total :	4.563	2.176	4.510	6.686	8.010
PROFESSIONAL CHARGES						
12	Legal expenses	2.420	0.002	5.000	5.002	5.000
13	Consultancy & Facility Management Service	16.140	7.325	15.200	22.525	30.000
14	Technical fees	0.000	0.000	0.000	0.000	0.000
15	Audit fees	0.000	0.000	0.000	0.000	0.000
16	Other charges	0.000	0.000	0.000	0.000	0.000
17	Sub total :	18.559	7.327	20.200	27.527	35.000
CONVEYANCE & TRAVELLING						
18	Conveyance expenses (Fuel)	2.365	1.184	1.500	2.684	3.000
19	Travelling expenses	6.214	2.900	3.500	6.400	7.000
20	Hire charges of vehicle	2.844	1.143	3.000	4.143	4.500
21	Others	0.000	0.000	0.000	0.000	0.000
22	Sub total :	11.424	5.227	8.000	13.227	14.500
OTHER EXPENSES						
23	Electricity charges	31.996	14.732	20.350	35.082	38.000
24	Fees & Subscription	0.000	0.000	0.000	0.000	0.000
25	Books & Periodicals	0.087	0.012	0.050	0.062	0.200
26	Printing & Stationery	1.167	0.201	1.000	1.201	1.500
27	Advertisement	1.474	0.000	2.500	2.500	4.000
28	Entertainment	0.104	0.050	0.070	0.120	0.200
29	Watch & Ward	5.426	2.254	7.500	9.754	12.000
30	Miscellaneous	0.895	0.486	1.500	1.986	2.500
31	Organisational Development Expenses Cultural, Sports etc	0.000	0.000	0.000	0.000	0.100
32	Outsourcing of collection of Metering data from regional interconnection points	11.484	4.515	11.000	15.515	20.000
33	Training (including certification of operators)+ERP Training, Data entry & data integration	6.063	3.475	5.000	8.475	20.000
34	Sub total :	58.696	25.724	48.970	74.694	98.500
MATERIAL RELATED EXPENSES						
35	Demurrage and Wharfage on materials	0.000	0.000	0.000	0.000	0.000
36	Clearing & forwarding charges	0.000	0.000	0.000	0.000	0.000
37	Transit insurance	0.000	0.000	0.000	0.000	0.000
38	Sub total :	0.000	0.000	0.000	0.000	0.000
39	Others (Specify)	0.000	0.000	0.000	0.000	0.000
40(a)	Gardening	0.020	0.000	2.000	2.000	2.500
40(b)	Meetings	0.345	0.193	0.800	0.993	1.500
40(c)	Office up-keeping	0.880	0.400	0.700	1.100	1.500
41	Sub total :	1.245	0.593	3.500	4.093	5.500
42	Total (6+11+17+22+34+38+41)	94.529	41.502	85.180	126.682	161.966
43	Revenue recoveries, if any	0.000	0.000	0.000	0.000	0.000
44	Net Total (42-43)	94.529	41.502	85.180	126.682	161.966

Calculation of Interest on Working Capital**State Load Despatch Centre, Odisha**

Sl. No.	Particulars	Amount Lacs
1	2	3
1	O & M expenses for one month excluding human resource expenses(7-A)	40.390
2	Human resource expenses for one month (7-B4)	43.747
3	Receivables (2 months of SOC & MOC)	178.668
4	Total Working Capital	262.805
5	Rate of Interest	12.00%
6	Interest on Working Capital	31.54

ANNEXURE-I

Position wise Role & Responsibilities proposed

1. Chief Load Dispatcher

The SLDC function shall be headed by a Chief Load Dispatcher in the rank of a Director. He shall be assisted by two Sr. Load Dispatchers one in the rank of CGM and the other in the rank of SGM for conducting the real time grid operation / support services and commercial activities respectively. For technical assistance one Executive Assistant in the rank of Manager and one no. of Private Secretary / PA shall be attached to the Chief Load Dispatcher. All technical function heads shall be reporting to their respective Sr. Load Dispatchers. The position wise role and responsibility are detailed in the tables.

2. Grid Operation headed by CGM (Grid Operation)

The details of manpower and functions under CGM (Grid Operation) are given in the table below.

Work	Function	Manpower
A. Real time operation headed by GM(Elect), Operation:		
Real Time Operation	<p>Generation Dispatch</p> <ul style="list-style-type: none"> • Real time generation dispatch as per merit • Scheduling revisions <p>Transmission Dispatch</p> <ul style="list-style-type: none"> • Network monitoring and control • Congestion management • Voltage & VAr control <p>Sub-SLDC function</p> <ul style="list-style-type: none"> • Monitoring of communication link and RTU availability • Co-ordination with SLDC SCADA unit 	<p>1 No DGM (Elec) SLDC – 4 groups 5 Nos. of Executives in each group consisting of 1 No. AGM 1 No. Manager 2 Nos. Dy. Manager 1 No. DM(T) Sub-SLDC - 3 nos. 5 executives in each Sub-SLDC consisting of 1 No Manager (E) 4 Nos DM (T) in shift Total - 36 nos.</p>
Operational Planning	<ul style="list-style-type: none"> • Operational System Analysis • Shutdown planning • Operational report preparation • Management of data base • Transmission / Generation availability Monitoring • EMS 	<p>1 No. Manager 1 Nos of Dy. Managers Total-2 nos.</p>
B. Operation services, MIS & Regulatory Affairs headed by G.M(Elect). (OS, MIS& RA)		
Operation Services Group	<ul style="list-style-type: none"> • Demand forecast- Short term (Day ahead & Month ahead) 	<p>1 No DGM 1 No. Manager 1 No Dy. Manager</p>

Work	Function	Manpower
	<ul style="list-style-type: none"> • Day ahead scheduling of generation and optimization, in coordination with the State generators, ISGS allotment and neighboring utilities such as CGP, DISCOMs, etc. • Scheduling of drawl of DISCOMs • 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 	Total- 3 nos.
MIS & RA	<ul style="list-style-type: none"> • Data Archiving & Management report preparation • System Study • Incident Reporting & Disturbance Analysis • Meetings • Technical Library • OERC Reporting • ARR • Regulation and Regulatory matters 	1 No Manager 2 Nos Dy. Manager Total-3 nos.

3. **Commercial Group headed by Sr. General Manager (Commercial)**

The details of manpower and functions under Sr. General Manager (Commercial) are given in the table below.

Work	Function	Manpower
Sr. GENERAL MANAGER (Elect) (Commercial, TS & C & M):		
A. Commercial Group	<ul style="list-style-type: none"> • 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 	1 No. GM 1 No AGM 1 No Managers 3 Nos D.M, Total - 06 nos.

Work	Function	Manpower
	<ul style="list-style-type: none"> of State Energy Accounting and Bills for State Distribution Utilities. 	
B. Technical Services / Contract & Material Management Group	<ul style="list-style-type: none"> 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. 	1 Nos. Dy. Manager Total - 1 nos.
C. SCADA/EMS Group	<ul style="list-style-type: none"> Monitoring of communication link availability such as Optical Fiber, MW, PLCC etc.(to be maintained by STU) Monitoring of RTU availability in coordination with STU Telecom Dept. 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. Co-ordination with all Sub-SLDCs 	1 Nos. Manager(T) 1 No. Dy. Manager(T) Total - 2 nos.

4. SUPPORT SERVICES FOR SLDC UNDER DIRECTOR, SLDC

The functions directly controlled by Director, SLDC are given in the Table below.

A. HUMAN RESOURCES MANAGEMENT	<ul style="list-style-type: none"> Manpower planning, Training, Budgeting & placement Personal services (Leave / Loan / Recoveries etc) Installation Security and safety Human resource development Public Relation Administration. 	1 No Asst. Manager Total - 1 no.
B. FINANCE	<ul style="list-style-type: none"> Drawing and Disbursing functions Auditing Reconciliation Maintenance of asset registers Budget Accounts 	1 No Manager 1 Nos Asst Manager Total - 2 nos.

Abstract of Staff Requirement for SLDC

Executive Staff Requirement:

Sl. No.	Category of Posts	Total Nos.
1	Director (Chief Load Despatcher)	01
2	Executive Assistant to Director [Manager(E)]	01
A. GRID OPERATION		
REAL TIME OPERATION		
3	CGM (Elect)	01
4	General Manager (Elect)	01
5	DGM (Elect)	01
6	AGM (Elect)	04
7	Manager (Electrical)	04
8	Deputy Manager (Electrical)	08
9	Deputy Manager (Telecom)	04
Sub LDC (3 nos)		
10	Manager (Elect)	03
11	Deputy Manager (Telecom)	12
OPERATIONAL PLANNING		
12	AGM (Elect)	
13	Manager (Electrical)	01
14	Deputy Manager (Electrical)	01
B. OS, RA & MIS		
15	General Manager (Elect)	01
16	DGM (Elect)	01
OPERATION SERVICES		
17	Manager (Electrical)	01
18	Deputy Manager (Electrical)	01
MIS & Regulatory Affairs		
19	Manager (Electrical)	01
20	Deputy Manager (Electrical)	02
C. COMMERCIAL SERVICES		
21	Sr. General Manager (Elect)	01
Commercial, Tech Services, Contract & Material Management		
22	General Manager (Commercial, TS, C&M)	01
COMMERCIAL		
23	DGM(Elect)	
24	AGM (Elect)	01
25	Manager (Electrical)	01
26	Deputy Manager (Electrical)	03
TECHNICAL SERVICES / CONTRACT & MATERIAL MANAGEMENT		
27	Deputy Manager (Electrical)	01
SCADA		
28	AGM (Telecom)	
29	Manager (Telecom)	01

Sl. No.	Category of Posts	Total Nos.
30	Deputy Manager (Telecom)	01
1.4 HRM		
31	Assistant Manager (HR)	01
1.5 FINANCE		
32	Manager (Finance)	01
33	Assistant Manager (Finance)	01
1.6 SECRETARIAL		
34	PS to Director	01
	TOTAL EXECUTIVES	63

Non-Executive Staff Requirement:

Sl. No.	Category of Posts	Total Nos.
1	Steno / Typist / Comp. Asst.	02
2	Office Assistant(Gr-I, II & LDC)	03
3	Semi skilled Assistant / Operator	03
4	Helper for Real time	05
5	Peon/Attendant	04
6	Driver	01
	TOTAL NON-EXECUTIVES	18

Total Staff Requirement proposed for SLDC=A+B =63+18=81 Nos.

ANNEXURE - II

**Category of proposed staffing structure
State Load Despatch Centre, Odisha**

Sl. No.	Category	Electrical	Telecom	Total
Technical				
1	Director (Chief Load Despatcher)	1		1
2	CGM	1		1
3	Sr. General Manager	1		1
4	General Manager	3		3
5	Dy. General Manager	2		2
6	Asst. General Manager	5		5
7	Manager	12	1	13
8	A.M. / Dy. Manager	16	17	33
Non-Technical				
9	Manager (F)		1	1
10	Asst. Manager (HRM)		1	1
11	Asst. Manager (F)		1	1
12	Private Secretary		1	1
Non-Executive Staff				
13	Grade -I	1		1
14	Grade -II	1		1
15	L.D.Asst.	1		1
16	Steno / Computer Asst.	2		2
17	Fax Operator	3		3
18	Driver	1		1
19	Helper (Real Time)	5		5
20	Peon	4		4
	Total			81

APPENDIX-I

STATE LOAD DESPATCH CENTRE , ODISHA
CASH FLOW STATEMENT FOR THE PERIOD : APRIL'2012 TO SEPTEMBER'2012

PARTICULAR	APRIL'12	MAY'12	JUNE'12	JULY'12	AUGUST'12	SEPTEMBER'12
OB	14877405.35	10619614.35	8630132.85	7891231.85	10104482.85	8185876.85
RECEIPT						
COLLECTION FROM DEBTORS	10072548.50	4435251.50	4956024.00	12028403.00	6632775.00	5496779.00
SCHEDULING CHARGES	136760.00	102800.00	166000.00	180760.00	257560.00	118000.00
REGISRATION FEES	100000.00	100000.00	0.00	100000.00	0.00	0.00
APPLICATION FEES	15000.00	5000.00	15000.00	15000.00	45000.00	160000.00
SECURITY DEPOSIT	0.00	346538.00	273980.00	27368.00	0.00	0.00
INVESTMENT MATURED			25000000.00	40000000.00		
INTEREST ON INVESTMENT		0.00	2306987.00	1716557.00	0.00	0.00
TERMINAL BENEFIT FROM TRUST	2064859.00		783585.00	58740.00		220280.00
OTHER RECEIPTS	239641.50	30911.00	62331.00	72043.00	33965.00	657797.00
TOTAL	12628809.00	5020500.50	33563907.00	54198871.00	6969300.00	6652856.00
PAYMENT						
CAPITAL EXPENDITURE	241327.00	270193.00	233450.00	739445.00	1133945.00	21421.00
R & M EXPENSES	24019.00	3884807.00	561187.00	35827.00	3913542.00	2090715.00
EMPLOYEES COST	1973786.00	2221330.00	2134121.00	2274949.00	3285195.00	1779565.00
A & G EXPENSES	866423.00	633552.00	585165.00	853584.00	555224.00	777739.00
OTHER EXPENSES	4200.00	100.00	5300.00	18855.00	0.00	0.00
INVESTMENT IN FD	13776845.00		30000000.00	48000000.00	0.00	0.00
SECURITY DEPOSIT REFUND	0.00			4220.00	0.00	0.00
TERMINAL BENEFIT PAID		2064859.00	783585.00	58740.00		220280.00
TOTAL	16886600.00	7009982.00	34302808.00	51985620.00	8887906.00	4889720.00
CLOSING BALANCE	10619614.35	8630132.85	7891231.85	10104482.85	8185876.85	9949012.85
DIFFERENCE IN OB&CB	(4257791.00)	(1989481.50)	(738901.00)	2213251.00	(1918606.00)	1763136.00

APPENDIX- II**A) APPLICATION FEE AND SCHEDULING CHARGES FOR STOA TRANSACTIONS**

The amount received for application fee and scheduling charges from STOA customers for the period from 01.04.2008 to 30.11.2011 is as tabled below.

(in ` lacs)

Sl. No.	Details of charges	FY 2008-09	FY 2009-10	FY 2010-11	FY 2011-12	FY 2012-13 (up to 10/2012)
1.	Application fee charge	13.43	14.95	6.30	4.500	3.400
2.	Scheduling Charges		21.81*	22.17*	1.118	12.338
3.	Total	13.43	36.76	28.47	5.618	15.738

*Inclusive of Transmission Charges which has been adjusted during FY 2011-12

B) Details of Registration Fee Received

(in ` lacs)

Sl. No.	Financial Year	Amount
1	2009-10	Nil
2	2010-11	35
3	2011-12	4
4	2012-13 (up to October'12)	3

C) SLDC Development Fund:

a) Opening Balance as on 01.04.2010	: ` 622.87 lakhs
b) Amount deposited during FY 2010-11	: ` 239.69 lakhs
c) Amount deposited during FY 2011-12	: ` 167.87 lakhs
d) Amount deposited during FY 2012-13 (up to September, 2012 * unaudited)	: ` 119.50 lakhs
<hr/>	
Total Amount available	: ` 1149.93 lakhs
e) Capital Expenditure made during Financial Year:	
(i) 2010-11	: ` 69.99 lakhs
(ii) 2011-12	: ` 213.35 lakhs
(iii) 2012-13 (Unaudited)	: ` 8.93 lakhs

Amount deposited during FY 2012-13 (from April-September, 2012) under this head with details thereof:

(i) Application Fees	- `	3.400 lacs
(ii) Scheduling charges	- `	12.338 lacs
(iii) Registration Fees	- `	3.000 lacs
(iv) Unspent amount deposited	- `	100.762 lacs

SLDC DEVELOPMENT FUND

	A/C HEAD	DETAILS	Fig. as per T.B		
			2009-10	2010-11	2011-12
REVENUE	61942	System Operating Charges	96172000		
	61943	Scheduling Charges	2180576	4736345.6	119805.4
	61948	Registration Fees		3500000	400000
	61949	Application Fees	1495000	630000	450000
	61944	System Operating Charges		63478797.32	70939504
	61945	Market Operating Charges		15912160.88	17756989
		A	99847576	88257303.8	89666298.4
EXPENDITURE	14	Capital Expenditure	1559875	6999236	21335461
	74	O & M Expenditure	3700646	18696572	17251750
	75	Employees Cost	28796694	31858780	25246163
	76	A & G Expeness	3413803	6547765	8260177
	78	Discount to customers & Bank Charges	1020	124543	740573
	81	Service TAX	85321	61141	44858
		B	37960359	64288037	72878982
SURPLUS FUND		A-B	62287217	23969266.8	16787316.4
					103043800.2

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[Signature]
Asst. Manager (Finance) PS
SLDC, OPTCL, BBSR-17



[Signature]
DDO, POWER SYSTEM
OPTC Ltd., BBSR-17

[Signature]
Prabhakar Kumar Das

APPENDIX - III