

TARIFF FILING FORMS (NLDC/RLDCs)

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Tariff Filing Forms and other information / documents for tariff filing for NLDC/RLDCs

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Actual Demand Served on Regional basis in year 2008-09

(As per CEA Report PEAK DEMAND MET April-08- March-09)

Region	All India	Northern Region	Western Region	Eastern Region	Southern Region	North Eastern Region
Demand Met (MW)	99049	29,504	30,153	11,789	26,245	1,358
Ratio (All india vs Regions)	1.000	0.298	0.304	0.119	0.265	0.014
% Demand met	100.00	29.80	30.40	11.90	26.50	1.40

All figures in Rs lakhs

	2009-10	2010-11	2011-12	2012-13	2013-14
Total Annual NLDC Charges	2453.04	3328.36	3985.80	4472.61	4831.26
NR Proportion	730.69	991.43	1187.26	1332.27	1439.10
WR Proportion	746.77	1013.24	1213.38	1361.58	1470.76
ER Proportion	291.97	396.15	474.40	532.34	575.03
SR Proportion	649.98	881.91	1056.12	1185.11	1280.14
NER Proportion	33.63	45.63	54.65	61.32	66.24

**Name of NLDC/RLDCs : National Load Despatch Centre
Summary Sheet**

Fig: Rs.in Lakhs.

Sr. No.	Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7
1	Return on Equity	158.98	217.65	265.70	283.88	300.25
2	Interest on Loan Capital	92.77	109.84	108.08	70.79	33.10
3	Depreciation	365.83	490.29	588.43	477.40	391.74
4	O & M Expenses excl Human Resource Expenses	1138.51	1204.43	1274.19	1524.32	1612.52
5	Human Resource Expenses	696.94	1306.15	1749.39	2116.22	2493.66
	Total	2453.04	3328.36	3985.80	4472.61	4831.26

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**Name of NLDC/RLDCs : National Load Despatch Centre
Normative Parameters considered for Tariff Calculations**

Fig: Rs.in Lakhs.

Particulars	Unit	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7
Base rate of Return on Equity	%	16.00%	16.00%	16.00%	16.00%	16.00%
Tax Rate	%	33.99%	33.99%	33.99%	33.99%	33.99%
Receivables in months for WC	Months	2	2	2	2	2
O&M excluding Human Resource expenses in months for WC	Months	1	1	1	1	1
Human Resource Expenses in months for WC	Months	1	1	1	1	1
NLDC Charges in months for WC	Months	1	1	1	1	1
Prime lending Rate of SBI as on 01/04/09	%	12.25%	12.00%	12.00%	12.00%	12.00%

EQUITY AS ON 1.4.2009		582.14	582.14	582.14	582.14	582.14
ADD CAP 2009-10 (AVG EQUITY DURING THE YEAR)		73.77	147.53	147.53	147.53	147.53
ADD CAP 2010-11 (AVG EQUITY DURING THE YEAR)			168.26	336.52	336.52	336.52
ADD CAP 2011-12 (AVG EQUITY DURING THE YEAR)				30.00	60.00	60.00
ADD CAP 2012-13 (AVG EQUITY DURING THE YEAR)					45.00	90.00
ADD CAP 2013-14 (AVG EQUITY DURING THE YEAR)						22.50
TOTAL EQUITY		655.91	897.94	1096.20	1171.20	1238.70
RATE OF RETURN ON EQUITY		24.2388%	24.2388%	24.2388%	24.2388%	24.2388%
REUERN OF EQUITY		158.98	217.65	265.70	283.88	300.25

NOTE: Income tax rate applicable for financial year 2009-10 is taken as projected income tax rate for the entire control period of 2009-14

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**Name of NLDC/RLDCs : National Load Despatch Centre
Abstract of Admitted Capital Cost for the existing Projects**

Fig: Rs.in Lakhs.

Capital as admitted by CERC	
Capital cost admitted as on (DOCO)	
(Give reference of the CERC relevant Order with Petition No. & Date)	
Capital cost after depreciation as on 01.04.09	
Foreign Component, if any (In Million US \$ or the relevant Currency):	
Domestic Component (Rs.in Lakhs)	
Foreign Exchange rate considered for the admitted cost: (Rs.)	
Hedging cost, if any, considered for the admitted Capital cost	
Total Project cost admitted (Rs.Lakhs)	

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Name of NLDC/RLDCs : National Load Despatch Centre
Abstract of Admitted Capital Cost Estimates and schedules of Commissioning for
NEW PROJECTS
CAPITAL COST ESTIMATES

Fig: Rs.in Lakhs.

Board of director / agency approving the Capital Cost Estimates :	Letter no 12/15/2003-PG of MOP	
Date of Approval of the Capital Cost Estimates	20-May-05	
	Present Day Cost	Competed Cost
Price Level of Approved Estimates	As of end of 4th Qtr of the year 2004	As on scheduled COD of the station
Foreign Exchange Rates considered for the Capital Cost Estimates		
Capital Cost Excl IDC and FC		
Foreign Components if any		
Domestic Components		
Capital Cost Excl IDC, FC, FERV and Hedging Cost	2673.28	1766.45
IDC, FC, FERV, Hedging Cost		
Foreign Components if any		
Domestic Components		
Total IDC, FC, FERV, Hedging Cost	109.52	174.02
Rate of taxes and Duties Considered		
Capital Cost incl IDC, FC, FERV and Hedging Cost		
Foreign Components if any		
Domestic Components		
Capital Cost incl IDC, FC	2782.80	1940.47
<u>Schedule of Commissioning</u>	36 months from the date of investment approval (25 May-2008)	

Note :

1. Copy of approval letter should be enclosed
2. Details of Capital cost are to be furnished as per Form - 4B or 4C as applicable
3. Details of IDC and FC (Financing Charges) are to be furnished as per Form 9
4. IEFC and IDC have been calculate by taking out communication part in proportion to the capital cost as per auditor certificate

**Name of NLDC/RLDCs : National Load Despatch Centre
Element wise break-up of Capital Cost (POSOCO Portion)**

Lakhs.

Fig: Rs.in Lakhs.

Sl.No.	Break Down	As per original estimates	As on COD	Liabilities / Provision	Variation	Reasons for variation	Admitted cost
1	2	3	4	5	6	7	8
A	Preliminary works & Land						
1.1	Design & Engineering						
1.2	Land						
1.3	Site preparation						
1.0	Total Preliminary works & land						
B	Civil Works						
2.1	Control Room & Office Building including HVAC						
2.2	Township & Colony						
2.3	Roads & Drainage						
2.4	Foundation of structures						
2.5	Misc. Civil works (Infrastructure, Building, Colony)	71.00	567.28	150.00	646.28	Increase in scope of work -civil work at back up NLDC at Kolkata, exterior of NLDC building and infrastructure of NLDC	
2.0	Total Civil works	71.00	567.28	150.00	646.28		
C	Equipments						
3.1	Computer System (Including SCADA & Power Supplies)	1948.00	1160.59	494.83	-292.58	Awarded cost lesser than estimated cost	
3.2	Terminal Equipments (ER/WR)						
3.3	Terminal Equipments (NR)						
3.4	VSAT System						
3.5	Inland Freight and insurance @ 4% of CIF/Ex Works	80.76	included in 3.1				
3.6	Erection Testing and Commissioning	154.54	included in 3.1				
3.0	Total Equipments	2183.30	1160.59	494.83			
D	Miscellaneous Tools						
4.1	Misc. Tools and Plants @ 1% of Equipment cost	22.54	included in 3.1				
4.2	Maintenance at 1% of equipment cost	22.54	included in 3.1				
4.3							
4.0	Total Spares*	45.08	included in 3.1				
E	Taxes & Duties						
5.1	Service Tax on Erection/consultancy/training @10.2%	12.65	included in 3.1				
5.2	Other Taxes & Duties						
5.0	Total Taxes & Duties	12.65	included in 3.1				

F	Others						
6.1	Consultancy @ 3% of equipment cost	67.63	38.59		-29.04	AppORTioned for NLDC POSOCO portion	
6.2	Training @ 3% of equipment cost	56.36	included in 3.1				
6.3	Construction Insurance				0.00		
6.0	Total	123.99	38.59	0.00	-29.04		
G	Overheads						
7.1	Establishments @ 7.5% of equipment cost	169.07	124.83				
7.2	Losses on stocks @ 0.25% of equipment cost	0.56					
7.3	Contingency @ 3% of equipment cost	67.63					
7.0	Total Overheads	237.26	124.83	0.00	-112.43		
8.0	Capital cost excluding IDC, FC, FERV & Hedging cost	2673.28	1891.28	644.83	504.80	As per actuals	
H	IDC, FC, FERV & Hedging cost	109.52	49.19		-60.33		
9.1	Interest during construction (IDC)						
9.2	Financing Charges (FC)						
9.3	Foreign Exchange Rate Variation (FERV)						
9.4	Hedging cost						
9.0	Total IDC, FC, FERV & Hedging cost	109.52	49.19	0.00	-60.33		
10.0	Communication expenditure on account of lease charges of fibres	0	0	569.13	569.13	Payment yet to be released	
11.0	Capital cost including IDC, FC, FERV & Hedging cost	2782.80	1940.47	1213.96	371.63	As per actuals	

1

In case of time & cost over run, a detailed note giving reasons of such time & cost over run should be submitted clearly bringing out the agency responsible and whether such time & cost over run was beyond the control of the generating company

2 IDC, FC, FERV & Hedging cost, includes FERV loss of 39.64 lakhs

* As on COD cost of spares and overheads included in equipment cost and civil works cost.

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**Name of NLDC/RLDCs : National Load Despatch Centre
Financial Package upto COD**

Project Cost as on COD^{1/ 1.4.2009}

Rs. 1940.47 Lakhs

Date of Commercial Operation of the Transmission element²

Fig.: Rs.in Lakhs.

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
	Currency and Amount ³		Currency and Amount ³		Currency and Amount ³	
	2	3	4	5	6	7
Loan 1 IBRD II			INR		INR	
Loan 2 IBRD III				600.02		
Loan 3 BOND XXv & XXVIII				758.31		
and so on				0.00		
Total Loan	1947.96			1358.33		
Equity-						
Foreign	-			0.00		
Domestic	INR		INR	582.14	INR	
Total Equity	834.84			582.14		
Total Cost	2782.8			1940.47		
Debt : Equity Ratio						
Debt				70.00		
Equity				30.00		

1 .Date of Commercial Operation means Commercial Operation of the transmission element

	CAP COST	NOTIONAL DEBT	NOTIONAL EQUITY
ADD CAP 2009-10	491.77	344.24	147.53
ADD CAP 2010-11	1121.74	785.22	336.52
ADD CAP 2011-12	200.00	140.00	60.00
ADD CAP 2012-13	300.00	210.00	90.00
ADD CAP 2013-14	150.00	105.00	45.00
TOTAL ADD CAP DURING 2009-14	2263.51	1584.46	679.05

**TOTAL COST AS ON
31.3.2014**

4203.98

**Name of NLDC/RLDCs : National Load Despatch Centre
Statement of Additional Capitalisation after COD**

Fig.: Rs.in Lakhs.

Sl. No.	Year	Work/Equipment added after COD up to Cut off Date / Beyond Cut off Date	Amount Capitalised / Proposed to be capitalised					Justification as per purpose	Regulation under which covered	Admitted Cost ^I	
			2009-10	2010-11	2011-12	2012-13	2013-14				TOTAL
1	2	3									
1	From 1-4-2009 to 31-03-2014	1.SCADA	334.84	148.60	0.00	0.00	0.00	483.44	Balance Payment under NLDC scheme	Regulation 7	
		2.Others	0	569.13	0	0	0	569.13	Leasing charges of fibres for commissioning of NLDC system form 1.04.2009 to 31.03.2009	Regulation 7	
		3.IT SYSTEMS	0	350.00	100	300	150	900.00	CAPEX*	Regulation 7	
		4. AUXILLARY SUPPLY SYSTEM	6.93	4.01	0	0	0	10.94	Balance Payment under NLDC scheme	Regulation 7	
		5.CIVIL WORKS	150	50	100	0	0	300.00	Balance Payment under NLDC scheme for 2009-10 and CAPEX 2010-11 onwords*	Regulation 7	
	TOTAL		491.77	1121.74	200.00	300.00	150.00	2263.51			
2	Balance expected beyond 31-03-2014	Expenditure incurred on Land ,Building ,Substation & Transmission Line									
3		Expenditure incurred on Building & Transmission Line									
	Total		491.77	1121.74	200.00	300.00	150.00	2263.51			

Note:

- 1 Fill the form in chronological order year wise along with detailed justification clearly bring out the
2 In case initial spares are purchased alongwith any equipment, then the cost of such spares should be indicated separately.

*Capital Expenditure (CAPEX) of Rupees 900 lakhs would be incurred progressively from 2010-11 onwards for renovation and modernisation of the NLDC building, IT applications, Software for Open Access, Power Exchange Scheduling, SAP, Data ware house for NLDC etc.

Name of NLDC/RLDCs : National Load Despatch Centre
Statement of Capital Cost
(To be given for relevant dates and year wise)

Fig.: Rs.in Lakhs.

As on relevant date¹

A	a) Opening Gross Block Amount as per books	
	b) Amount of capital liabilities in A(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in A(a) above	
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	
B	a) Addition in Gross Block Amount during the period	
	b) Amount of capital liabilities in B(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in B(a) above	
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	
C	a) Closing Gross Block Amount as per books	
	b) Amount of capital liabilities in C(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in C(a) above	
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in C(a) above	

1 Relevant date/s means date of COD of unit/s,station and financial year start date and end date

PETITIONER

Name of NLDC/RLDCs : National Load Despatch Centre
Statement of Capital Work in Progress
(To be given for relevant dates and year wise)

Fig.: Rs.in Lakhs.
As on relevent date¹

A	a) Opening CWIP Amount as per books	
	b) Amount of capital liabilities in A(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in A(a) above	
B	a) Addition/Adjustment in CWIP Amount during the period	
	b) Amount of capital liabilities in B(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in B(a) above	
C	a) Capitalisation / Transfer to fixed asset of CWIP Amount during the period	
	b) Amount of capital liabilities in C(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in C(a) above	
D	a) Closing Gross Block Amount as per books	
	b) Amount of capital liabilities in D(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in D(a) above	

1 Relevant date/s means date of COD of unit/s,station and financial year start date and end date

PETITIONER

**Name of NLDC/RLDCs : National Load Despatch Centre
Financing of Additional Capitalisation**

Fig: Rs.in Lakhs.

Financial Year (Starting from COD)	Projected / Actual					Admitted				
	2009-'10	2010-'11	2011-'12	2012-'13	2013-'14	Year1	Year2	Year3	Year4	
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work/Equipment	491.77	1121.74	200.00	300.00	150.00					
Financing Details										
Loan-1										
Loan-2	344.24	785.22	140.00	210.00	105.00					
Loan-3										
Loan-4										
Loan-5										
Loan-6										
Total Loan²										
Equity	147.53	336.52	60.00	90.00	45.00					
Internal Resources										
Others										
Total	491.77	1121.74	200.00	300.00	150.00					

NOTE

Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.

Loan Detail for meeting the additional requirement should be given as per FORM-5B

Petitioner

Name of NLDC/RLDCs : National Load Despatch Centre

Details of Foreign Equity

(Details only in respect of Equity infusion if any applicable to the project under petition)

Fig: Rs.in Lakhs.

Sl.	Financial Year (Starting 1	Year 1				Year 2				Year 3 and so on			
		2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)
	Currency1¹												
A1	At the date of Infusion ²												
A2													
A3													
A4													
	Currency2¹												
B1	At the date of Infusion ²												
B2													
B3													
B4													
	Currency3¹												
C1	At the date of Infusion ²												
C2													
C3													
C4													
	Currency4¹ and so on												
D1	At the date of Infusion ²												
D2													
D3													
D4													

1 Name of the currency to be mentioned e.g. US \$, DM, etc. etc.

2 In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

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Name of NLDC/RLDCs : National Load Despatch Centre
Calculation of Interest on Normative Loans

Fig: Rs.in Lakhs.

Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6
ACTUAL LOAN					
Gross loan - Opening	1358.33	1702.57	2487.79	2487.79	2487.79
Cum.repayments of Normative Loans upto previous year	0.00	365.83	856.12	1444.55	1921.95
Net Normative loan - Opening	1358.33	1336.74	1631.67	1043.24	565.84
Increase/Decrease due to ACE during the Year	344.24	785.22	140.00	210.00	105.00
Repayments of Normative Loans during the year	365.83	490.29	588.43	477.40	391.74
Net loan Normative- Closing	1336.74	1631.67	1183.24	775.84	279.10
Average Normative Net Loan	1347.53	1484.20	1407.45	909.54	422.47
Weighted average Rate of Interest on actual Loans	6.8843%	7.4007%	7.6790%	7.7829%	7.8359%
Interest on Normative loan	92.77	109.84	108.08	70.79	33.10

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Repayment Schedule of IBRD-III			NLDC		NLDC		NLDC	
				Exch rate		Exch rate		Exch rate
			NLDC (DOCO : 01.04.2009)	51.55	NLDC (DOCO : 01.04.2009) DRAWL DATE 12.5.2009	49.33	NLDC (DOCO : 01.04.2009) DRAWL DATE 15.5.2009	50.681
Date of Payment	BALANCE O/S	Total IBRD-III	Gross Loan as on DOCO (USD in lakh)	Gross Loan as on DOCO (Rs. in lakh)	Gross Loan as on DOCO (USD in lakh)	Gross Loan as on DOCO (Rs. in lakh)	Gross Loan as on DOCO (USD in lakh)	Gross Loan as on DOCO (Rs. in lakh)
		Instalment	9.250	476.84	2.160	106.55	0.330	16.72
	USD	USD	Instalment (USD in lakh)	Instalment (Rs. in lakh)	Instalment (USD in lakh)	Instalmen t (Rs. in lakh)	Instalmen t (USD in lakh)	Instalmen t (Rs. in lakh)
15-Sep-11	400000000.00	9630000	0.22	11.48	0.05	2.57	0.01	0.40
15-Mar-12	390370000.00	9835000	0.23	11.72	0.05	2.62	0.01	0.41
15-Sep-12	380535000.00	10050000	0.23	11.98	0.05	2.68	0.01	0.42
15-Mar-13	370485000.00	10265000	0.24	12.24	0.06	2.73	0.01	0.43
15-Sep-13	360220000.00	10485000	0.24	12.50	0.06	2.79	0.01	0.44
15-Mar-14	349735000.00	10710000	0.25	12.77	0.06	2.85	0.01	0.45
15-Sep-14	339025000.00	10940000	0.25	13.04	0.06	2.92	0.01	0.46
15-Mar-15	328085000.00	11175000	0.26	13.32	0.06	2.97	0.01	0.47
15-Sep-15	316910000.00	11415000	0.26	13.61	0.06	3.04	0.01	0.48
15-Mar-16	305495000.00	11660000	0.27	13.90	0.06	3.11	0.01	0.49
15-Sep-16	293835000.00	11915000	0.28	14.20	0.06	3.17	0.01	0.50
15-Mar-17	281920000.00	12170000	0.28	14.51	0.07	3.24	0.01	0.51
15-Sep-17	269750000.00	12430000	0.29	14.82	0.07	3.31	0.01	0.52
15-Mar-18	257320000.00	12700000	0.29	15.14	0.07	3.38	0.01	0.53
15-Sep-18	244620000.00	12970000	0.30	15.46	0.07	3.45	0.01	0.54
15-Mar-19	231650000.00	13250000	0.31	15.79	0.07	3.53	0.01	0.55
15-Sep-19	218400000.00	13535000	0.31	16.14	0.07	3.61	0.01	0.57
15-Mar-20	204865000.00	13825000	0.32	16.48	0.07	3.68	0.01	0.58
15-Sep-20	191040000.00	14125000	0.33	16.84	0.08	3.76	0.01	0.59
15-Mar-21	176915000.00	14425000	0.33	17.20	0.08	3.84	0.01	0.60
15-Sep-21	162490000.00	14735000	0.34	17.56	0.08	3.93	0.01	0.62
15-Mar-22	147755000.00	15055000	0.35	17.94	0.08	4.01	0.01	0.63
15-Sep-22	132700000.00	15380000	0.36	18.34	0.08	4.10	0.01	0.64
15-Mar-23	117320000.00	15710000	0.36	18.73	0.08	4.18	0.01	0.66
15-Sep-23	101610000.00	16045000	0.37	19.13	0.09	4.27	0.01	0.67
15-Mar-24	85565000.00	16390000	0.38	19.54	0.09	4.37	0.01	0.68
15-Sep-24	69175000.00	16745000	0.39	19.96	0.09	4.46	0.01	0.70
15-Mar-25	52430000.00	17105000	0.40	20.39	0.09	4.56	0.01	0.71
15-Sep-25	35325000.00	17470000	0.40	20.83	0.09	4.65	0.01	0.73
15-Mar-26	17855000.00	17855000	0.41	21.28	0.10	4.76	0.01	0.75
TOTAL		400000000.00	9.250	476.83	2.160	106.55	0.330	16.72

Calculation of Weighted Average Rate of Interest on Actual Loans¹

Name of the Company

Name of Region:

Name of NLDC/RLDCs : National Load Despatch Centre
Calculation of Weighted Average Rate of Interest on Actual Loans¹

FORM- 5B

Fig.: Rs.in Lakhs.						
Sr. No.	Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	4	5	6	7	8
1	Loan-1 (BOND-XXV)					
	Gross loan - Opening	3.00	3.00	3.00	3.00	3.00
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.25	0.50
	Net loan - Opening	3.00	3.00	3.00	2.75	2.50
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00		0.25	0.25	0.25
	Net loan - Closing	3.00	3.00	2.75	2.50	2.25
	Average Net Loan	3.00	3.00	2.88	2.63	2.38
	Rate of Interest on Loan	10.10%	10.10%	10.10%	10.10%	10.10%
	Interest on loan	0.30	0.30	0.29	0.27	0.24
2	Loan- (BOND-XXVIII)					
	Gross loan - Opening	755.31	755.31	755.31	755.31	755.31
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	62.94
	Net loan - Opening	755.31	755.31	755.31	755.31	692.37
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year					62.94
	Net loan - Closing	755.31	755.31	755.31	692.37	629.43
	Average Net Loan	755.31	755.31	755.31	723.84	660.90
	Rate of Interest on Loan	9.33%	9.33%	9.33%	9.33%	9.33%
	Interest on loan	70.47	70.47	70.47	67.53	61.66
3	Loan- (IBRD III 9.25 LACS @ 51.55)					
	Gross loan - Opening	476.84	476.84	476.84	476.84	476.84
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	23.20	47.42
	Net loan - Opening	476.84	476.84	476.84	453.64	429.42
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year				23.20	25.27
	Net loan - Closing	476.84	476.84	453.64	429.42	404.15
	Average Net Loan	476.84	476.84	465.24	441.53	416.78
	Rate of Interest on Loan	3.24%	3.24%	3.24%	3.24%	3.24%
	Interest on loan	15.45	15.45	15.07	14.31	13.50
4	Loan- (IBRD III 2.16 LACS @ 49.33)					
	Gross loan - Opening	106.55	106.55	106.55	106.55	106.55
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	5.18	10.59
	Net loan - Opening	106.55	106.55	106.55	101.37	95.96
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year				5.18	5.64
	Net loan - Closing	106.55	106.55	101.37	95.96	90.32
	Average Net Loan	106.55	106.55	103.96	98.67	93.14
	Rate of Interest on Loan	3.24%	3.24%	3.24%	3.24%	3.24%
	Interest on loan	3.45	3.45	3.37	3.20	3.02
5	Loan- (IBRD III 0.33 LACS @ 50.381)					
	Gross loan - Opening	16.63	16.63	16.63	16.63	16.63
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.81	1.66
	Net loan - Opening	16.63	16.63	16.63	15.82	14.97
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year				0.81	0.89
	Net loan - Closing	16.63	16.63	15.82	14.97	14.08
	Average Net Loan	16.63	16.63	16.22	15.39	14.52
	Rate of Interest on Loan	3.24%	3.24%	3.24%	3.24%	3.24%
	Interest on loan	0.54	0.54	0.53	0.50	0.47
6	Loan- (PROPOSED LOAN DURING 2009-10)					
	Gross loan - Opening	0.00	344.24	1129.46	1269.46	1479.46
	Cumulative repayments of Loans upto previous year		0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	344.24	1129.46	1269.46	1479.46
	Add: Drawal(s) during the Year	344.24	785.22	140.00	210.00	105.00
	Less: Repayment (s) of Loans during the year					123.29
	Net loan - Closing	344.24	1129.46	1269.46	1479.46	1461.17
	Average Net Loan	172.12	736.85	1199.46	1374.46	1470.31
	Rate of Interest on Loan	8.80%	8.80%	8.80%	8.80%	8.80%
	Interest on loan	15.15	64.84	105.55	120.95	129.39
	Total					
	Gross loan - Opening	1358.33	1702.57	2487.78	2627.78	2837.78
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	29.44	123.11
	Net loan - Opening	1358.33	1702.57	2487.78	2598.34	2714.67
	Add: Drawal(s) during the Year	344.24	785.22	140.00	210.00	105.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	29.44	93.67	218.28
	Net loan - Closing	1702.57	2487.78	2598.34	2714.67	2601.39
	Average Net Loan	1530.45	2095.17	2543.06	2656.51	2658.03
	Interest on loan	105.36	155.06	195.28	206.75	208.28
	Weighted average Rate of Interest on Loans	6.8843%	7.4007%	7.6790%	7.7829%	7.8359%

1 In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Original currency is also to be furnished separately in the same form.

- Proof of Interest is Annexed.

Petitioner

Name of NLDC/RLDCs : National Load Despatch Centre
Calculation of Weighted Average Rate of Interest on Actual Loans¹

Fig.: Rs.in Lakhs.

Sr. No.	Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
<i>1</i>	<i>2</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
1	Loan-1 (up to DOCO) (As per funding details attached)					
	Gross loan - Opening	1358.33	1358.33	1358.33	1358.33	1358.33
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1358.33	1358.33	1358.33	1358.33	1358.33
	Add: Drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1358.33	1358.33	1358.33	1358.33	1358.33
	Average Net Loan	1358.33	1358.33	1358.33	1358.33	1358.33
	Rate of Interest on Loan (2.44 + 1.20) RATE + GUR FEE	7.1020%	7.1020%	7.1020%	7.1020%	7.1020%
	Interest on loan	96.47	96.47	96.47	96.47	96.47
2	Loan-1 (ADD CAP LOAN on NLDC Scheme) (As per funding details attached)					
	Gross loan - Opening	0.00	344.24	1129.46	1129.46	1129.46
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	0.00	344.24	1129.46	1129.46	1129.46
	Add: Drawal(s) during the Year	344.24	785.22	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	344.24	1129.46	1129.46	1129.46	1129.46
	Average Net Loan	172.12	736.85	1129.46	1129.46	1129.46
	Rate of Interest on Loan	7.1020%	7.1020%	7.1020%	7.1020%	7.1020%
	Interest on loan	12.22	52.33	80.21	80.21	80.21
	Total					
	Gross loan - Opening	1358.33	1702.57	2487.79	2487.79	2487.79
	Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00
	Net loan - Opening	1358.33	1702.57	2487.79	2487.79	2487.79
	Add: Drawal(s) during the Year	344.24	785.22	0.00	0.00	0.00
	Less: Repayment (s) of Loans during the year	0.00	0.00	0.00	0.00	0.00
	Net loan - Closing	1702.57	2487.79	2487.79	2487.79	2487.79
	Average Net Loan	1530.45	2095.18	2487.79	2487.79	2487.79
	Interest on loan	108.69	148.80	176.68	176.68	176.68
	Weighted average Rate of Interest on Loans	7.1020%	7.1020%	7.1020%	7.1020%	7.1020%

1 In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Original currency is also to be furnished separately in the same form.
Funding Details are attached.

Petitioner

26.10.2009

Project : NATIONAL LOAD DISPACH CENTRE
Element : NATIONAL LOAD DISPACH CENTRE
DOCO : 01.04.2009

LOANS	Rs. In Lakh	RATE OF INTEREST	DATE OF DRAWL	REPAYMENT SCHEDULE	WT RATE
BOND XXV	3.00	10.10%	12.06.2007	12 ANNUAL INSTALEMNTS FROM 12.06.2011	0.30
BOND XXVIII	1036.00	9.33%	15.12.2008	12 ANNUAL INSTALEMNTS FROM 15.12.2012	96.66
IBRD-III (USD 9.25 lakh @ Rs 51.55 /usd)	476.84	3.24%		AS PER REPEYMENT SCHEDULE ATTACHED	15.45
IBRD-III (USD 2.16 lakh @ Rs 49.33 /usd) DRAWN ON 12.05.2009	106.55	3.24%		AS PER REPEYMENT SCHEDULE ATTACHED	3.45
IBRD-III (USD 0.33 lakh @ Rs 50.381 /usd) DRAWN ON 15.05.2009	16.63	3.24%		AS PER REPEYMENT SCHEDULE ATTACHED	0.54
TOTAL	1639.02		1358.33		116.40 7.1020%
Cost upto 31.03.2009	2341.36		1940.47		
IR as on DOCO	702.34				
IR % as on DOCO	30.00%				
Balance estimated expenditure					
2009-10	709.61				
2010-11	1110.28				
Estimated Completed cost	4161.25				

**Name of NLDC/RLDCs : National Load Despatch Centre
Details of Project Specific Loans**

Fig.: Rs.in Lakhs.

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2009/COD ^{3,4,5,13,15}						
Interest Type ⁶						
Fixed Interest Rate, if applicable						
Base Rate,if Floating Interest ⁷						
Margin, if Floating Interest ⁸	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor ⁹						
If above is yes,specify caps/floor						
Moratorium Period ¹⁰						
Maratorium effective from						
Reapayment period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Installment ^{13,14}						
Base Exchange Rate ¹⁶						
Are foreign currency loan hedged?						
If above is yes,specify details ¹⁷						

Petitioner

**Name of NLDC/RLDCs : National Load Despatch Centre
Details of Allocation of Corporate Loans to Various RLDCs**

Fig.: Rs.in Lakhs.

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
Source of loan ¹						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2009/COD ^{3,4,5,13,15}						
Interest Type ⁶						
Fixed Interest Rate, if applicable						
Base Rate,if Floating Interest ⁷						
Margin, if Floating Interest ⁸	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor ⁹						
If above is yes,specify caps/floor						
Moratorium Period ¹⁰						
Maratorium effective from						
Reapayment period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Installment ^{13,14}						
Base Exchange Rate ¹⁶						
Are foreign currency loan hedged?						
If above is yes,specify details ¹⁷						

Distribution of loan packages to various transmission elements

Eastern Region						
Transmission element1						
Transmission element 2 and so on						
Total						
Western Region						
Transmission element1						
Transmission element 2 and so on						
Total						
Northern Region						
Transmission element1						

Transmission element 2 and so on						
Total						
Southern Region						
Transmission element1						
Transmission element 2 and so on						
Total						
North-EasternRegion						
Transmission element1						
Transmission element 2 and so on						
Total						
RLDC						
Total						

Petitioner

FORM- 6A

**Name of NLDC/RLDCs : National Load Despatch Centre
Statement of Depreciation**

Fig.: Rs.in Lakhs.

Financial Year	2009-10	2010-11	2011-12	2012-13	2013-14
1	11.00	12.00	13.00	14.00	15.00
Depreciation on Capital Cost	365.83	490.29	588.43	477.40	391.74
Depreciation recovered during the Year	365.83	490.29	588.43	477.40	391.74
Advance against Depreciation recovered upto 31.03.2009					
Cumulative Depreciation recovered upto the year	365.83	856.12	1444.55	1921.95	2313.69

Petitioner

**Name of NLDC/RLDCs : National Load Despatch Centre
Calculation of Depreciation Rate**

Sheet-1/2

Fig.: Rs.in Lakhs.

Sl. no.	Name of the Assets ¹	Gross Block as on DOCO/ begning of year	Accumulated Deprec. As on 31.03.09	NET Block as on 31.03.2009 or as on COD, whichever is later	ADDITION DURING 2009-10	Gross Block of 2009-10	CLOSING BLOCK OF 2009-10	Depreciation Rates as per CERC's Depreciation Rate Schedule	Current Year Depreciation Amount for 2009-10	Total Depreciation Upto 2009-10	NET Block 2009-10
	1			2				3	4= Col.2 X Col.3		
A. NLDC Asset											
1	Consultancy Charges	0	0.00	0.00		0.00	0.00				
2	Building & Civil Works	637.09	0.00	637.09	150.00	787.09	787.09	1.63%	11.61	11.61	775.48
3	Auxiliary Power Supply system	19.18	0.00	19.18	6.93	26.11	26.11	5.28%	1.20	1.20	24.91
4	EMS/SCADA System(soft ware)	797.88	0.00	797.88	208.04	1005.92	1005.92	30.00%	270.57	270.57	735.35
5	EMS/SCADA System(Hardware)	486.32	0.00	486.32	126.80	613.12	613.12	15.00%	82.46	82.46	530.66
6	Communication expenditure on account of lease charges of fibres	0.00	0.00	0.00	0.00	0.00	0.00	6.33%	0.00	0.00	0.00
6	Total :	1940.47	0.00	1940.47	491.77	2432.24	2432.24		365.83	365.83	2066.41
Weighted Average Rate of Depreciation(%)											

	2010-11	01.04.2010	01.04.2010	01.04.2010	2010-11	31.03.2011	31.03.2011		2010-11	31.03.2011
A. NLDC Asset										
1	Consultancy Charges	0.00	0.00	0.00		0.00	0.00			
2	Building & Civil Works	787.09	11.61	787.09	50.00	837.09	837.09	1.63%	13.24	24.84
3	Auxiliary Power Supply system	26.11	1.20	26.11	4.01	30.12	30.12	5.28%	1.48	2.68
4	EMS/SCADA System(soft ware)	1005.92	270.57	1005.92	352.16	1358.08	1358.08	30.00%	354.60	625.17
5	EMS/SCADA System(Hardware)	613.12	82.46	613.12	146.44	759.56	759.56	15.00%	102.95	185.41
6	Communication expenditure on account of lease charges of fibres	0.00	0.00	0.00	569.13	569.13	569.13	6.33%	18.01	18.01
6	Total :	2432.24	365.83	2432.24	1121.74	3553.98	3553.98		490.29	856.12
Weighted Average Rate of Depreciation(%)										

	2011-12	01.04.2011	01.04.2011	01.04.2011	2011-12	31.03.2012	31.03.2012		2011-12	31.03.2012
A. NLDC Asset										
1	Consultancy Charges	0.00	0.00	0.00		0.00	0.00			
2	Building & Civil Works	837.09	24.84	837.09	100.00	937.09	937.09	1.63%	14.46	39.30
3	Auxiliary Power Supply system	30.12	2.68	30.12		30.12	30.12	5.28%	1.59	4.27
4	EMS/SCADA System(soft ware)	1358.08	625.17	1358.08	100.00	1458.08	1458.08	30.00%	422.42	1047.59
5	EMS/SCADA System(Hardware)	759.56	185.41	759.56		759.56	759.56	15.00%	113.93	299.34
6	Lease charges of fibres for commissioning of NLDC system	569.13	18.01	569.13		569.13	569.13	6.33%	36.03	54.04
7	Total :	3553.98	856.12	3553.98	200.00	3753.98	3753.98		588.43	1444.55
Weighted Average Rate of Depreciation(%)										

Petitioner

Name of NLDC/RLDCs : National Load Despatch Centre
Calculation of Depreciation Rate

FORM-6B

Sheet-2/2

Fig.: Rs.in Lakhs.

2012-13		01.04.2012	01.04.2012	01.04.2012	2012-13	31.03.2013	31.03.2013		2012-13	31.03.2013
A.	NLDC Asset									
1	Consultancy Charges	0.00	0.00	0.00		0.00	0.00			
2	Building & Civil Works	937.09	39.30	937.09		937.09	937.09	1.63%	15.27	54.58
3	Auxiliary Power Supply system	30.12	4.27	30.12		30.12	30.12	5.28%	1.59	5.86
4	EMS/SCADA System(soft ware)	1458.08	1047.59	1458.08	275.00	1733.08	1733.08	30.00%	308.70	1356.29
5	EMS/SCADA System(Hardware)	759.56	299.34	759.56	25.00	784.56	784.56	15.00%	115.81	415.15
6	Communication expenditure on account of lease charges of fibres	569.13	54.04	569.13		569.13	569.13	6.33%	36.03	90.06
7	Total :	3753.98	1444.55	3753.98	300.00	4053.98	4053.98		477.40	1921.95
	Weighted Average Rate of Depreciation(%)									

2013-14		01.04.2013	01.04.2013	01.04.2013	2013-14	31.03.2014	31.03.2014		2013-14	31.03.2014
A.	NLDC Asset									
1	Consultancy Charges	0.00	0.00	0.00		0.00	0.00			
2	Building & Civil Works	937.09	54.58	937.09		937.09	937.09	1.63%	15.27	69.85
3	Auxiliary Power Supply system	30.12	5.86	30.12		30.12	30.12	5.28%	1.59	7.45
4	EMS/SCADA System(soft ware)	1733.08	1356.29	1733.08	125.00	1858.08	1858.08	30.00%	219.29	1575.58
5	EMS/SCADA System(Hardware)	784.56	415.15	784.56	25.00	809.56	809.56	15.00%	119.56	534.71
6	Communication expenditure on account of lease charges of fibres	569.13	90.06	569.13		569.13	569.13	6.33%	36.03	126.09
7	Total :	4053.98	1921.95	4053.98	150.00	4203.98	4203.98		391.74	2313.69
	Weighted Average Rate of Depreciation(%)									

Petitioner

FORM - 7A

Name of NLDC/RLDCs : National Load Despatch Centre

Details of Operation and Maintenance Expense excluding human resource expences

Fig: Rs.in Lakhs.

	ITEMS	2009-10	2010-11	2011-12	2012-13	2013-14
	1	2	3	4	5	6
1	Repairs and maintenance expenses	39.38	41.63	44.01	222.85	235.60
2	Administrative and general expenses, etc	1099.13	1162.80	1230.17	1301.47	1376.92
3	Total	1138.51	1204.43	1274.19	1524.32	1612.52

Petitioner

Name of NLDC/RLDCs : National Load Despatch Centre
Details of Employees cost

FORM- 7B

Sheet 1/2
Fig: Rs.in Lakhs.

SL.No	Account Code	2009 - 2010					2010 - 2011				
		Executive		Non-Executive		Total	Executive		Non-Executive		Total
		Technical	Non-Tech	Technical	Non-Tech		Technical	Non-Tech	Technical	Non-Tech	
1	Salaries	183.44	0.00	22.21	11.10	216.75	294.24	66.87	23.48	20.54	405.14
2	Over-time							0.00	0.00	0.00	0.00
3	Dearness Allowance	45.86	0.00	5.55	2.78	54.19	73.56	16.72	5.87	5.14	101.28
4	Other Allowance	89.89	0.00	10.88	5.44	106.21	144.18	32.77	11.50	10.07	198.52
5	Bonus										0.00
6	Productivity Linked Incentive	64.20	0.00	7.77	3.89	75.86	102.99	23.41	8.22	7.19	141.80
7	Sub Total(1 to 6)										0.00
	OTHER STAFF COST	383.39	0.00	46.41	23.21	453.01	614.97	139.77	49.07	42.93	846.74
8	Reimbursement of Medical Expenses	8.70	0.00	2.40	1.20	12.30	13.96	3.17	2.54	2.22	21.88
9	Leave Travel Concession	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Reimbursement of House Rent/Lease	93.28	0.00	6.66	3.33	103.27	149.62	34.00	7.04	6.16	196.83
11	Interim Relief to Staff					0.00	0.00	0.00	0.00	0.00	0.00
12	Encashment of Earned Leave	14.68	0.00	1.78	0.89	17.34	23.54	5.35	1.88	1.64	32.41
13	Honorarium										
14	Payment under Workmen Compensation Act										
15	Ex-gratia										
16	Expenditure on VRS										
17	Sub Total (8 to 16)	116.65	0.00	10.84	5.42	132.91	187.11	42.53	11.46	10.03	251.12
18	Staff Welfare Expenses	9.17	0.00	1.11	0.56	10.84	14.71	3.34	1.17	1.03	20.26
19	Terminal Benefits	68.79	0.00	8.33	4.16	81.28	110.34	25.08	8.80	7.70	151.93
20	Provisions										
21	Others(Specify)conveyence	17.19		1.14	0.57	18.90	27.58	6.27	1.21	1.06	36.11
22	Total(7+17+18+19+20+21)	95.15	0.00	10.58	5.29	111.02	152.63	34.69	11.19	9.79	208.29
23	Revenue recovered,if any										
24	Net Total(22-23)	595.20	0.00	67.83	33.92	696.94	954.71	216.98	71.71	62.75	1306.15
	ADDITIONAL INFORMATION										
1	No.of employees as on:										
	I) Executives										
	II) Non-Executives										
	III) Skilled										
	IV) Non-Skilled										
	Total										
2	No.of Employees per	29	0	8	4	41	44	10	8	7	69
	I) MW handled					0					0
	II)MU handled (as on 30.09.09)					0					0

Petitioner

Note: The employee cost has been taken on the basis of CTC as per details attached

2. Strength of 2009-10 is as per the existing manpower strength

3. Manpower for subsequent years has been increased to meet requirement of NLDC and POSOC CC. It is in line with GB Pradhan committee report

Name of NLDC/RLDCs : National Name of NLDC/RLDCs : National Load Despatch Centre
Details of Empl/Details of Employees cost

Sheet 2/2

Fig: Rs.in Lakhs.

SL.No	Account Code	2011 - 2012					2012 - 2013					2013 - 2014				
		Executive		Non-Executive		Total	Executive		Non-Executive		Total	Executive		Non-Executive		Total
		Technical	Non-Tech	Technical	Non-Tech		Technical	Non-Tech	Technical	Non-Tech		Technical	Non-Tech	Technical	Non-Tech	
1	Salaries	367.63	113.12	24.82	37.23	542.80	448.46	142.01	26.24	39.36	656.07	529.42	173.84	27.74	41.61	772.61
2	Over-time	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Dearness Allowance	91.91	28.28	6.20	9.31	135.70	112.11	35.50	6.56	9.84	164.02	132.36	43.46	6.94	10.40	193.15
4	Other Allowance	180.14	55.43	12.16	18.24	265.97	219.74	69.59	12.86	19.29	321.47	259.42	85.18	13.59	20.39	378.58
5	Bonus															
6	Productivity Linked Incentive	128.67	39.59	8.69	13.03	189.98	156.96	49.70	9.18	13.78	229.62	185.30	60.84	9.71	14.56	270.41
7	Sub Total(1 to 6)															
	OTHER STAFF COST	768.36	236.42	51.87	77.81	1134.46	937.28	296.80	54.84	82.26	1371.18	1106.49	363.33	57.98	86.97	1614.76
8	Reimbursement of Medical Expenses	17.44	5.36	2.68	4.02	29.51	21.27	6.74	2.84	4.25	35.09	25.11	8.24	3.00	4.50	40.85
9	Leave Travel Concession	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Reimbursement of House Rent/Lease	186.94	57.52	7.45	11.17	263.07	228.03	72.21	7.87	11.81	319.92	269.20	88.39	8.32	12.48	378.40
11	Interim Relief to Staff										0.00	0.00	0.00	0.00	0.00	0.00
12	Encashment of Earned Leave	29.41	9.05	1.99	2.98	43.42	35.88	11.36	2.10	3.15	52.49	42.35	13.91	2.22	3.33	61.81
13	Honorarium															
14	Payment under Workmen Compensation Act															
15	Ex-gratia															
16	Expenditure on VRS															
17	Sub Total (8 to 16)	233.78	71.93	12.11	18.17	336.00	285.18	90.31	12.81	19.21	407.50	336.66	110.55	13.54	20.31	481.06
18	Staff Welfare Expenses	18.38	5.66	1.24	1.86	27.14	22.42	7.10	1.31	1.97	32.80	26.47	8.69	1.39	2.08	38.63
19	Terminal Benefits	137.86	42.42	9.31	13.96	203.55	168.17	53.25	9.84	14.76	246.03	198.53	65.19	10.40	15.60	289.73
20	Provisions															
21	Others(Specify)conveyence	34.45	10.60	1.28	1.92	48.25	42.03	13.31	1.35	2.02	58.71	49.61	16.29	1.43	2.14	69.47
22	Total(7+17+18+19+20+21)	190.70	58.68	11.83	17.74	278.94	232.62	73.66	12.50	18.75	337.54	274.62	90.17	13.22	19.83	397.83
23	Revenue recovered,if any															
24	Net Total(22-23)	1192.84	367.03	75.81	113.72	1749.39	1455.08	460.77	80.15	120.22	2116.22	1717.78	564.05	84.73	127.10	2493.66
	ADDITIONAL INFORMATION															
1	No.of employees as on:															
	I) Executives															
	II) Non-Executives															
	III) Skilled															
	IV) Non-Skilled															
	Total															
2	No.of Employees per	52	16	8	12	88	60	19	8	12	99	67	22	8	12	109
	I) MW handled					0					0					0
	II)MU handled (as on 30.09.09)					0					0					0

CTC FOR 2009-10 FOR EXECUTIVES											
	E1/2										
PER MONTH BASIS											
BASIC	35625	37700	41800	45450	49300	65000	70000	72000	73000	80000	569875
DA(25%)	8906.25	9425	10450	11362.5	12325	16250	17500	18000	18250	20000	142468.8
LEASE	21245	22730	24530	26100	27900	29700	30760	31820	32850	36000	283635
INCENTIVE(35%)	12468.75	13195	14630	15907.5	17255	22750	24500	25200	25550	28000	199456.3
OTHER ALLOW(49%)	17456.25	18473	20482	22270.5	24157	31850	34300	35280	35770	39200	279238.8
RETIRE. BEN.(30%OF PAY +DA)OR 37.5% OF BASIC	13359.375	14137.5	15675	17043.75	18487.5	24375	26250	27000	27375	30000	213703.1
MEDICAL	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	25000
CONV. FIXED	3295	4250	4250	4250	4710	4710	5175	5175	0	0	35815
OTHER WELFARE (5%)	1781.25	1885	2090	2272.5	2465	3250	3500	3600	3650	4000	28493.75
LEAVE ENCASH (100+25%*22/30*1/12) OR 0.08% OF BASIC	2850	3016	3344	3636	3944	5200	5600	5760	5840	6400	45590
TOTAL (PER MONTH)	119486.875	127311.5	139751	150792.75	163043.5	205585	220085	226335	224785	246100	1823276
											0
PER YEAR BASIS											0
BASIC	427500	452400	501600	545400	591600	780000	840000	864000	876000	960000	6838500
DA(25%)	106875	113100	125400	136350	147900	195000	210000	216000	219000	240000	1709625
LEASE	254940	272760	294360	313200	334800	356400	369120	381840	394200	432000	3403620
INCENTIVE(35%)	149625	158340	175560	190890	207060	273000	294000	302400	306600	336000	2393475
OTHER ALLOW(49%)	209475	221676	245784	267246	289884	382200	411600	423360	429240	470400	3350865
RETIRE. BEN.(30%OF PAY +DA)OR 37.5% OF BASIC	160312.5	169650	188100	204525	221850	292500	315000	324000	328500	360000	2564438
MEDICAL	30000	30000	30000	30000	30000	30000	30000	30000	30000	30000	300000
CONV. FIXED	39540	51000	51000	51000	56520	56520	62100	62100	0	0	429780
OTHER WELFARE (5%)	21375	22620	25080	27270	29580	39000	42000	43200	43800	48000	341925
LEAVE ENCASH (100+25%*22/30*1/12) OR 0.08% OF BASIC	34200	36192	40128	43632	47328	62400	67200	69120	70080	76800	547080
TOTAL (PER YEAR)	1433842.5	1527738	1677012	1809513	1956522	2467020	2641020	2716020	2697420	2953200	21879308
											0
NO. OF EMPLOYEES (NLDC)	1	11	2	1	1	5	5	1	1	1	29
BASIC	427500	4976400	1003200	545400	591600	3900000	4200000	864000	876000	960000	18344100
DA(25%)	106875	1244100	250800	136350	147900	975000	1050000	216000	219000	240000	4586025
LEASE	254940	3000360	588720	313200	334800	1782000	1845600	381840	394200	432000	9327660
INCENTIVE(35%)	149625	1741740	351120	190890	207060	1365000	1470000	302400	306600	336000	6420435
OTHER ALLOW(49%)	209475	2438436	491568	267246	289884	1911000	2058000	423360	429240	470400	8988609
RETIRE. BEN.(30%OF PAY +DA)OR 37.5% OF BASIC	160312.5	1866150	376200	204525	221850	1462500	1575000	324000	328500	360000	6879038
MEDICAL	30000	330000	60000	30000	30000	150000	150000	30000	30000	30000	870000
CONV. FIXED	158160	204000	204000	204000	226080	226080	248400	248400	0	0	1719120
OTHER WELFARE (5%)	21375	248820	50160	27270	29580	195000	210000	43200	43800	48000	917205
LEAVE ENCASH (100+25%*22/30*1/12) OR 0.08% OF BASIC	34200	398112	80256	43632	47328	312000	336000	69120	70080	76800	1467528
TOTAL (PER YEAR)	1433842.5	16805118	3354024	1809513	1956522	12335100	13205100	2716020	2697420	2953200	59519720

Summary

	2009-10	2010-11	2011-12	2012-13	2013-14
Total Executives Employee Cost	595.20	1171.69	1559.86	1915.85	2281.82
Total Non Executives Employee Cost	101.75	134.46	189.53	200.37	211.83
Total HR Cost	696.94	1306.15	1749.39	2116.22	2493.66
No of executives	29	54	68	79	89
No of non executives	12	15	20	20	20
total	41	69	88	99	109

CTC FOR 2009-10 FOR NON EXECUTIVES

	SUPERVISOR	W/M	TOTAL NON EXEC.
PER MONTH BASIS			
BASIC	26460	20755	47215
DA(25%)	6615	5188.75	11803.75
HRA (30%)	7938	6226.5	14164.5
INCENTIVE(35%)	9261	7264.25	16525.25
OTHER ALLOW(49%)	12965.4	10169.95	23135.35
RETIRE. BEN.(30%OF PAY +DA)OR 37.5% OF BASIC	9922.5	7783.125	17705.625
MEDICAL	2500	2500	5000
CONV. FIXED	1190	1190	2380
OTHER WELFARE (5%)	1323	1037.75	2360.75
LEAVE ENCASH (100+25%*22/30*1/12) OR 0.08% OF BASIC	2116.8	1660.4	3777.2
TOTAL (PER MONTH)	80291.7	63775.725	144067.425
			0
PER YEAR BASIS			0
BASIC	317520	249060	566580
DA(25%)	79380	62265	141645
HRA (30%)	95256	74718	169974
INCENTIVE(35%)	111132	87171	198303
OTHER ALLOW(49%)	155584.8	122039.4	277624.2
RETIRE. BEN.(30%OF PAY +DA)OR 37.5% OF BASIC	119070	93397.5	212467.5
MEDICAL	30000	30000	60000
CONV. FIXED	14280	14280	28560
OTHER WELFARE (5%)	15876	12453	28329
LEAVE ENCASH (100+25%*22/30*1/12) OR 0.08% OF BASIC	25401.6	19924.8	45326.4
TOTAL (PER YEAR)	963500.4	765308.7	1728809.1
	0	0	0
NO. OF EMPLOYEES (NLDC)	5	7	12

PER YEAR BASIS			0
BASIC	1587600	1743420	3331020
DA(25%)	396900	435855	832755
HRA (30%)	476280	523026	999306
INCENTIVE(35%)	555660	610197	1165857
OTHER ALLOW(49%)	777924	854275.8	1632199.8
RETIRE. BEN.(30%OF PAY +DA)OR 37.5% OF BASIC	595350	653782.5	1249132.5
MEDICAL	150000	210000	360000
CONV. FIXED	71400	99960	171360
OTHER WELFARE (5%)	79380	87171	166551
LEAVE ENCASH (100+25%*22/30*1/12) OR 0.08% OF BASIC	127008	139473.6	266481.6
Total non Executives Employee Cost TOTAL (PER YEAR)	4817502	5357160.9	10174662.9

**Name of NLDC/RLDCs : National Load Despatch Centre
Details of Repairs and Maintenance Expenses**

Fig: Rs.in Lakhs.

SI.No		2009-10	2010-11	2011-12	2012-13	2013-14
1	Consumption of stores and spares					
2	Loss of stores and spares					
3	Plant & Machinery repairs and maintenance	0.00	0.00	0.00	0.00	0.00
4	Plant & Machinery and Civil works repairs and maintenance	39.38	41.63	44.01	46.53	49.19
5	Annual Maintenance Contract(5a+5b+5c)		0.00	0.00	0.00	0.00
5a	-Plant & Machinery	0.00	0.00	0.00	0.00	0.00
5b	-Civil repairs and maintenance	0.00	0.00	0.00	0.00	0.00
5c	-Others	0.00	0.00	0.00	0.00	0.00
6	SCADA	0.00	0.00	0.00	176.32	186.41
7	Total(1+2+3+4+5+6)					
8	Revenue recoveries, if any					
9	Net Total(7-8)	39.38	41.63	44.01	222.85	235.60

Note: calculation (2009-10) based on 6% of Building and other civil works plus auxiliary supply
AMC of SCADA has been taken at the rate of 10% of SCADA Cost

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**Name of NLDC/RLDCs : National Load Despatch Centre
Details of Administrative and General expenses**

Fig: Rs.in Lakhs.

SL. No	Description	2009-10	2010-11	2011-12	2012-13	2013-14
PROPERTY RELATED EXPENSES						
1	Licence Fees					
2	Rent					
3	Rates & Taxes	T/ship/O/building	0.00	0.00	0.00	0.00
4	Insurance	cash insurance	0.00	0.00	0.00	0.00
5	Contribution to accident reserve fund		0.00	0.00	0.00	0.00
6	Sub total :	0.00	0.00	0.00	0.00	0.00
COMMUNICATION						
7	Telephone & Trunk Call	office/mobile/resid	13.00	13.74	14.53	15.36
8	Postage & Telegram		2.00	2.11	2.24	2.36
9	Telex, Teleprinter Charges, Telefax		1.00	1.06	1.12	1.18
10	Courier Charges		2.00	2.11	2.24	2.36
11	Other (fiber Lease charges)*		569.13	601.68	636.10	672.49
12	Sub total :	587.13	620.71	656.22	693.75	733.44
PROFESSIONAL CHARGES						
13	Legal expenses		5.00	5.40	5.83	6.30
14	Consultancy charges		25.00	26.43	27.94	29.54
15	Technical fees		20.00	21.60	23.33	25.19
16	Audit fees		10.00	10.80	11.66	12.60
17	Other charges		0.00	0.00	0.00	0.00
18	Sub total :	60.00	64.23	68.77	73.63	78.85
CONVEYANCE & TRAVELLING						
19	Conveyance expenses		15.00	15.86	16.77	17.72
20	Travelling expenses		45.00	47.57	50.30	53.17
21	Hire charges of vehicle		15.00	15.86	16.77	17.72
22	Others		0.00	0.00	0.00	0.00
23	Sub total :	75.00	79.29	83.83	88.62	93.69
OTHER EXPENSES						
24	Electricity Charges		12.00	12.69	13.41	14.18
25	Fees & Subscription		5.00	5.29	5.59	5.91
26	Books & Periodicals		5.00	5.29	5.59	5.91
27	Printing & Stationery		20.00	21.14	22.35	23.63
28	Advertisement		5.00	5.29	5.59	5.91
29	Entertainment		15.00	15.86	16.77	17.72
30	Watch & Ward		40.00	42.29	44.71	47.26
31	Miscellaneous		15.00	15.86	16.77	17.72
32	Organizational Development Expenses (Seminar & Workshop)		20.00	21.14	22.35	23.63
33	Donation		5.00	5.29	5.59	5.91
34	Training**		50.00	52.86	55.88	59.08
35	water charges		0.00	0.00	0.00	0.00
35	Sub total :	192.00	202.98	214.59	226.87	239.84
MATERIAL RELATED EXPENSES						
36	Demurrage and Wharfage on materials			0.00	0.00	0.00
37	Clearing & forwarding charges			0.00	0.00	0.00
38	Transit insurance			0.00	0.00	0.00
39	Sub total :	0.00	0.00	0.00	0.00	0.00
ADDITIONAL EXPENSES						
40	Recruitment Expenses 50 Employees/ Annum		50.00	52.86	55.88	59.08
41	Exhibition, Conference, Seminars		20.00	21.14	22.35	23.63
42	Security Expenses		40.00	42.29	44.71	47.26
43	Horticulture		20.00	21.14	22.35	23.63
44	EDP Stationary & Consumables		10.00	10.57	11.18	11.82
45	Director Sitting Fee		5.00	5.29	5.59	5.91
46	Cultural meet expenses		20.00	21.14	22.35	23.63
47	Safety, Hindi, Vigilance, Rajbhasha		10.00	10.57	11.18	11.82
48	Group Insurance & Personal Accident Insurance		10.00	10.57	11.18	11.82
49	Sub total :	185.00	195.58	206.77	218.60	231.10
50	Total(6+12+18+23+35+39+49)	1099.13	1162.80	1230.17	1301.47	1376.92
51	Revenue recoveries if any					
52	Net Total(41-42)	1099.13	1162.80	1230.17	1301.47	1376.92

Note:- 1. *Annual Lease charges for fibre optics cable for data and speech communication amongst the RLDCs, NLDC and Back up NLDC
2. ** Training and Certification of manpower of POSOCO at Corporate level @ 100 employee/year @ 50000/-per employee
3. The estimated expenditure figures have been considered

Not Applicable

FORM- 8

**Name of NLDC/RLDCs : Northern Regional Load Despatch Centre
Calculation of Interest on Working Capital**

Fig: Rs.in Lakhs.

Sl.No	Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7
1	O & M expenses excluding human resource expenses					
2	Human resource expenses					
3	NLDC charges					
4	Receivables					
5	Total Working Capital					
6	Rate of Interest					
7	Interest on Working Capital					

Petitioner

Name of NLDC/RLDCs : National Load Despatch Centre
 Draw Down Schedule for Calculation of IDC & Financing Charges

Fig: Rs.in Lakhs.

Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (COD)		
		Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee
1	Loans									
1.1	Foreign Loans									
1.1.1	Foreign Loan 1									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign exchange rate variation									
	Hedging Cost									
1.1.2	Foreign Loan 2									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign exchange rate variation									
	Hedging Cost									
1.1.3	Foreign Loan 3									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign exchange rate variation									
	Hedging Cost									
1.1.4	-									
	-									
	-									
	-									
1.1	Total Foreign Loans									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign exchange rate variation									
	Hedging Cost									
1.2	Indian Loans									
1.2.1	Indian Loan 1									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
1.2.2	Indian Loan 2									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
1.2.3	Indian Loan 3									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
1.2.4	--	--	--		--	--		--	--	
	--	--	--		--	--		--	--	
	--	--	--		--	--		--	--	
1.2	Total Indian Loans									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
1	Total of Loans drawn									
	IDC									
	Financing charges									
2	Equity									
2.1	Foreign equity drawn									
2.2	Indian equity drawn	--	--		--	--		--	--	
	Total equity deployed									

Name of NLDC/RLDCs : National Load Despatch Centre
Actual cash expenditure

Fig: Rs.in Lakhs.

	Quarter-I	Quarter-II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers				
% of fund deployment				

Petitioner