## CENTRAL ELECTRICITY REGULATORY COMMISSION NEW DELHI

No.L-7/145(160)/2008-CERC

Dated 11.5.2009

#### NOTIFICATION

In exercise of powers conferred under section 178 of the Electricity Act, 2003 (36 of 2003), and all other powers enabling it in this behalf, and after previous publication, the Central Electricity Regulatory Commission hereby makes the following regulations, namely:

#### CHAPTER - 1

#### **PRELIMINARY**

- 1. Short title and commencement. (1) These regulations may be called the Central Electricity Regulatory Commission (Fees and Charges of Regional Load Despatch Centre and other related matters) Regulations, 2009.
- (2) These regulations shall come into force from the date of their publication in the Official Gazette.
- 2. Scope and extent of application: These regulations shall be applicable for determination of fees and charges for Regional Load Despatch Centres.
- 3. Definitions. In these regulations, unless the context otherwise requires,-
  - (1) 'Act' means the Electricity Act, 2003 (36 of 2003);
  - (2) 'auditor' means an auditor appointed by the System Operation Company (SOCo), qualified for appointment as an auditor in accordance with the provisions of section 224, or section 233B or section 619 of the Companies Act, 1956 (1 of 1956), or any other law for the time being in force;
  - (3) 'buyer' means a person buying power through medium-term or long-

term access and whose scheduling, metering and energy accounting is coordinated by the Regional Load Despatch Cetnre;

- (4) **'capital cost'** means the capital cost as defined in regulation 6 of these regulations;
- (5) 'capital expenditure (CAPEX) plan' means the expenditure of capital nature planned to be incurred during control period for creation of the assets of the Regional Load Despatch Centre;
- (6) 'charges' means fees and charges to be collected by the Regional Load Despatch Centre or by the System Operation Company on its behalf;
- (7) **'Commission'** means the Central Electricity Regulatory Commission referred to in sub-section (1) of section 76 of the Act;
- (8) **'control period'** means a period of five years starting from 1.4.2009;
- (9) 'day' means period of 24 hours starting at 0000 hour;
- (10) 'expenditure incurred' means the fund, whether equity or debt or both, actually deployed and paid in cash or cash equivalent, for creation or acquisition of a useful asset, but does not include commitments and the liabilities for which no payment has been made;
- (11) 'licensee' means a person granted a licence under Section 14 of the Act;
- (12) 'market operation function' includes functions of scheduling, energy accounting and settlement, transmission loss calculation and apportionment, UI and VAR pool account management and information dissemination;

- (13) 'National Load Despatch Centre' means the centre established under sub-section (1) of section 26 of the Act;
- (14) 'operation and maintenance expenses' or 'O&M expenses' means the expenditure incurred on operation and maintenance of the Regional Load Despatch Centre and the scheme and includes charges for National Load Despatch Centre;
- (15) 'region' means any one of the regions demarcated by the Central Government under section 25 of the Act;
- (16) 'Regional Load Despatch Centre' means the centre establishedUnder sub-section (1) of section 27 of the Act;
- (17) 'scheme' means the facilities and equipment associated with and installed at the Regional Load Despatch Centre and the National Load Despatch Centre, as the case may be, and also includes the following, namely:
  - (i) computer system, hardware and software;
  - (ii) auxiliary power supply system comprising Uninterrupted Power Supply, Diesel Generating Set and DC power system,
  - (iii) general telephone, fax and other off-line communication system,
  - (iv) other infrastructure facilities, such as air-conditioning, fire-fighting and construction and renovation of buildings, and
  - (v) any innovative schemes and pilot projects for better system operation, such as Phasor Protection Schemes;
- (18) 'seller' means a person supplying power through medium-term or longterm access and whose scheduling, metering and energy accounting is coordinated by the Regional Load Despatch Centre;

- (19) **'System Operation Company'** means a company engaged in the operation of the National Load Desptach Centre and the Regional Load Despatch Centres;
- (20) **'system operation service'** includes frequency control, voltage and reactive power control, congestion management and black start coordination;
- (21) 'user' means the generating companies, distribution licensees, buyers, sellers and transmission licensees, as the case may be, who use the inter–State transmission network;

#### Note

For the purpose of this clause, all distribution licensees in a State shall be treated as one user.

- (22) 'year' means a financial year.
- (23) The words and expressions used in these regulations and not defined herein but defined in the Act shall have the meaning assigned to them under the Act.

#### **CHAPTER - 2**

## APPLICATION AND PROCEDURE FOR DETERMINATION OF FEES AND CHARGES AND LDC DEVELOPMENT FUND

- 4. Application for determination of fees and charges. (1) The system operation company shall make an application separately for each Regional Load Despatch Centre in the formats annexed as Appendix I to these regulations, for determination of charges for the control period, based on capital expenditure incurred, duly certified by the auditors and projected to be incurred during the control period in accordance with the CAPEX plan.
- (2) The application shall be accompanied by CAPEX plan for each Regional Load Despatch Centre for the control period indicating inter-alia, the sources of funds for investment.
- (3) Before making the application, the applicant shall serve a copy of the application on each user.
- (4) The applicant shall post complete application on its website, before making the application to the Commission and shall keep it on the website till its disposal by the Commission.
- (5) While making the application, the applicant shall indicate whether copy of the complete application has been served on each of the user and whether the application has been posted on its website, with address of the website whereon the application has been posted.
- (6) The application made shall be supported by affidavit of the person acquainted with the facts stated in the application.
- (7) The applicant shall, within 7 days after making the application, publish a notice of the application in at least two daily newspapers, one in English language and other in vernacular language, having circulation in each of the States or Union

Territories where the buyers are situate, in the same language as of the daily newspaper in which the notice of the application is published, in the format given in Appendix - II to these regulations.

### 5. Truing up of charges.

- (1) The Commission shall carry out truing up exercise along with the application for determination of charges filed for the period after expiry of the control period, for the charges recovered up to 31.3.2014 and admitted by the Commission after prudence check at the time of truing up.
- (2) The system operation company shall make an application, in the formats annexed as Appendix I to these regulations, for carrying out truing up exercise by 31.10.2014.
- (3) The system operation company shall submit along with the application for truing up, details of capital expenditure and operation and maintenance expenditure incurred during the control period, duly audited and certified by the auditors;
- (4) Where after the truing up, the charges recovered differ from the charges approved by the Commission for the respective year of the control period under these regulations, the difference shall be adjusted while deciding charges for the next control period.
- 6. Capital Cost. (1) Capital cost for the Regional Load Despatch Centre shall include the expenditure incurred and projected to be incurred during the control period including Interest During Construction (IDC) and financing charges, any gain or loss on account of foreign exchange rate variation during construction, and Incidental Expenditure During Construction (IEDC) in line with the CAPEX plan:

Provided that the value of the assets not in use shall not form part of capital cost.

(2) The capital cost admitted by the Commission after prudence check shall form the basis for determination of the charges:

Provided that prudence check may include scrutiny of the reasonableness of the capital expenditure, financing plan, IDC, IEDC, use of efficient technology, cost over-run and time over-run, and such other matters as may be considered appropriate by the Commission:

Provided further that the capital cost appearing in the books of accounts of the system operation company for the respective Regional Load Despatch Centre and National Load Despatch Centre as on 1.4.2009 shall be the basis for determination of charges along with the approved CAPEX plan for the control period.

- 7. **Debt-Equity Ratio.** (1) For investment made up to 31.3.2009, the actual debt-equity ratio, subject to a ceiling limit of 30% of equity shall be considered as the opening capital cost of National Load Despatch Centre and Regional Load Despatch Centre.
- (2) For the investment made on or after 1.4.2009, if the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan:

Provided that where equity actually deployed is less than 30% of the capital cost, the actual equity shall be considered for determination of charges:

Provided further that equity invested in foreign currency shall be designated in Indian rupees on the date of each investment.

Explanation.- The premium, if any, raised by the system operation company while issuing share capital and investment of internal resources created out of its free reserve, for the funding of the capital expenditure, and funds created out of the short-term open access charges, application fees and registration fees as approved by the Commission shall be reckoned as paid up capital for the purpose of

computing return on equity, provided such premium amount and internal resources are actually utilised for meeting the capital expenditure.

- **8. LDC Development Fund:** (1) The system operation company shall create and maintain a separate fund called 'LDC Development Fund'.
- (2) The charges collected and other income of the Regional Load Despatch Centre such as registration fee, application fee, short-term open access charges shall be deposited to the LDC development fund.
- (3) The system operation company shall be entitled to utilise the money deposited to the LDC development fund for loan repayment, servicing the capital raised in the form of interest and dividend payment, meeting stipulated equity portion in asset creation and margin money for raising loan from the financial institutions.
- (5) The LDC development fund shall not be utilized for any other revenue expenditure.
- (6) The Commission shall review the LDC development fund every year.

### CHAPTER – 3

### **COMPUTATION OF CHARGES**

- **9. Annual charges:** The annual charges shall be determined separately for each Regional Load Despatch Centre and shall be collected in the form of system operation charges and market operation charges.
- **10.** Components of annual charges: The annual charges shall consist of the following components, namely
  - (a) Return on equity;
  - (b) Interest on loan capital;
  - (c) Depreciation;
  - (d) Operation and maintenance expenses.
    - (i) Employees Cost,
    - (ii) Repairs & Maintenance Expenses,
    - (iii) Administrative and General Expenses,
    - (iv) NLDC Charges,
  - (e) Interest on working capital.
- **11.** Return on equity: (1) Return on equity shall be computed in Rupee term on equity base determined in accordance with regulation 7 of these regulations.
- (2) Return on equity shall be computed on pre-tax base rate of 16%, to be grossed up in accordance with sub-clause (3) of this regulation.
- (3) The rate of return on equity shall be computed by grossing up the base rate with the normal tax rate for the year 2008-09 applicable to the system operation company:

Provided that return on equity with respect to the actual tax rate applicable to the system operation company in line with the provisions of the Finance Act of the respective year during the control period shall be trued up at the end of the control period. .

(4) Rate of return on equity shall be rounded off to three decimal places and be computed as per the formula given below:

Rate of pre-tax return on equity = Base rate / (1-t)

Where "t" is the applicable tax rate in accordance with clause (3).

- **12.** <u>Interest on Ioan capital</u> (1) The loans determined in accordance with Regulation 7 shall be considered as gross normative loan for calculation of interest on loan.
- (2) The normative loan outstanding as on 1.4.2009 shall be worked out by deducting the cumulative repayment as admitted by the Commission up to 31.3.2009 from the gross normative loan.
- (3) The repayment for the respective year of the control period shall be deemed to be equal to the depreciation allowed for that year:
- (4) The rate of interest shall be the weighted average rate of interest calculated on the basis of the actual loan portfolio at the beginning of each year applicable to the respective Regional Load Despatch Centre:

Provided that if there is no actual loan for a particular year but normative loan is still outstanding, the last available weighted average rate of interest shall be considered:

Provided further that if the Regional Load Despatch Centre does not have actual loan, the weighted average rate of interest of the system operation company as a whole shall be considered.

(5) The interest on loan shall be calculated on the normative average loan of the year by applying the weighted average rate of interest.

- **13.** <u>Depreciation</u> (1) The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission.
- (2) The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset.
- (3) Land shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the capital cost of the asset.
- (4) Depreciation shall be calculated annually based on Straight Line Method and at rates specified in **Appendix-III** to these regulations for the assets of the RLDC
- (5) Assets fully depreciated shall be shown separately
- (6) Value of the assets not in use or declared obsolete shall be taken out from the capital cost for the purpose of calculation of depreciation.
- **14.** Operation and Maintenance Expenses (1) The operation and maintenance expenses shall be computed for a year based on:
  - (a) Employee Cost
  - (b) Repairs and Maintenance Expenses
  - (c) Administrative and general expenses, and
  - (d) NLDC charges.
- (2) (a) **Employee cost**: Employee cost to be considered for a financial year shall be on the basis of the approved staffing plan, pay and perquisites as on 1.4.2009 and projections thereof:

Provided that the projections for the control period shall be submitted considering the expected pay revision, annual increment and dearness allowance, other allowances and perquisites.

- (b) **Repairs and maintenance expenses**: Repair and maintenance expenses shall be allowed as 2% of the capital cost incurred as on 1st April of every year of the control period.
- (c) Administrative and general expenses: These expenses shall include expenses like security, travel, communication, legal, insurance and establishment expenses, and other overheads for day to day administration of the RLDC. These expenses shall be allowed by the Commission, after prudence check, on the basis of information submitted by the Regional Load Despatch Centre for the control period.
- (d) **NLDC charges**: (1) To the extent applicable, the National Load Despatch Centre charges shall be computed by following the methodology specified for computing Regional Load Despatch Centre charges.
- (3) The system operation company shall maintain proper record of allocation and apportionment of expenses to the Regional Load Despatch Centres and the National Load Despatch Centre.
- (4) The National Load Despatch Centre expenses shall be apportioned to a Regional Load Despatch Centre in proportion to the projected inter-regional transmission capacity connected to the region concerned.

## **15.** <u>Interest on Working Capital</u> (1) The working capital shall cover :

- (i) Receivables equivalent to two months of the system operation charges and market operation charges as approved by the Commission
- (ii) Operation and maintenance expenses for one month.
- (2) Rate of interest on working capital shall be equal to the short-term Prime Lending Rate of State Bank of India as on 1.4.2009

(3) Interest on working capital shall be payable on normative basis notwithstanding that the system operating company has not taken any loan for working capital from an outside agency.

#### CHAPTER -4

### **COLLECTION OF CHARGES**

- **16.** <u>Collection</u>: (1) The system operation company shall collect the annual charges, as determined under these regulations.
- (2) The system operation company shall be entitled to levy and collect registration fees from the users and power exchanges as specified in these regulations.
- (3) The system operation company shall be entitled to levy and collect the charges for any other services rendered to the users and power exchanges as specified in any other regulations.

# 17. Allocation and apportionment of components of annual fees to system operation function and market operation function:

- (1) Fees towards system operation function shall comprise the following:
  - 1. 100% of Return on equity,
  - 2. 100% of Interest on loan,
  - 3. 100% of depreciation,
  - 4. 100% of the Operation and Maintenance expenditure towards Repairs and Maintenance expenses,
  - Operation and Maintenance expenditure on account of Employees cost, Administrative and general expenses and NLDC charges apportioned in proportion to the manpower deployed for the function, and
  - 6. Interest on working capital apportioned in proportion to the manpower deployed for the function
- (2) Fee towards market operation function shall comprise operation and mainteance expenditure on account of employees cost, administrative and general expenses and National Load Despatch Centre charges apportioned in proportion to the manpower deployed for the function.

- **18.** <u>Determination of SOC and MOC</u>: The system operation company and the market operation charges shall be determined by adding up the allocated and/or apportioned amount of various components of the annual fees, as specified under Regulation 17 of these regulations.
- **19.** <u>Collection of the system operation charges</u>: (1) The system operation charges shall be collected from the users as per the norms given below:

(i) Transmission licensees: 10% of system operation charges

(ii) Generating stations and sellers: 45% of system operation charges

(iii) Distribution licensees and buyers: 45% of system operation charges.

- (2) The system operation charges shall be levied on the transmission licensees on the basis of the ckt.-km of the lines owned by the transmission licensees.
- (3) The system operation charges from the generating companies and sellers shall be collected in proportion to their installed capacity or contracted capacity, as the case may be.
- (4) The system operation charges from distribution licensees and buyers shall be collected in proportion to the sum of their allocations and contracted capacities.

Provided that the system operation charges for the distribution licensees within a State shall be paid by the entity designated for this purpose in the State.

- **20.** <u>Collection of Market Operation Charges</u>: (1) The market operation charges shall be collected equally from all the users.
- **21.** Registration fees: (1) All users whose scheduling, metering and energy accounting is to be coordinated by Regional Load Despatch Centre shall register themselves with the Regional Load Despatch Centre concerned by filing application in the format prescribed as Annexure-II to these regulations.

- (2) The application for registration shall be accompanied by a one time fees of Rs 10 lakh.
- (3) The existing users shall register themselves with the RLDC concerned by filing an application along with the fees of Rs 10 lakh within a month of coming into force of these regulations.
- (4) The Regional Load Despatch Centre, after scrutinizing application and on being satisfied with correctness of the information furnished in the application shall enter the name of the applicant in its register, duly intimating the applicant about its acceptance.
- (4) The Regional Load Despatch Centres shall maintain a list of registered users on its website.
- **22.** National Load Despatch Centre charges: (1) All the expenses of National Load Despatch Centre, as approved by the Commission, shall be shared by the Regional Load Despatch Centre as specified in Regulations 14 (2) or 14 (4) (d) of these regulations.
- (2) The system operation charges shall collect an amount of Rs.20.0 lakh (Rupees twenty lakh only) as one time registration fees from each power exchange for the purpose of registration.
- (3) The fees and charges collected by the National Load Despatch Centre, other than the expenses apportioned to the Regional Load Despatch Centres, shall be credited to the LDC Development Fund, as specified in regulation 8 of these regulations.

### CHAPTER - 5

#### **BILLING AND OTHER MISCELLANEOUS PROVISIONS**

- **Billing and Payment of charges.** Bills shall be raised for the system operation charge and market operation charge on monthly basis by the system operation charges in accordance with these regulations, and payments shall be made by the users directly to the system operation charges.
- **Late payment surcharge**. In case the payment of any bill for charges payable under these regulations is delayed by a user beyond a period of 60 days from the date of billing a late payment surcharge at the rate of 1.25% per month shall be levied by the system operator.
- **Rebate.** For payment of bills through letter of credit on presentation, a rebate of 2% shall be allowed. Where payments are made by a mode other than through letter of credit within a period of one month of presentation of bills, a rebate of 1% shall be allowed.
- **Application fees and the publication expenses.** The application filing fees and the expenses incurred on publication of notices in the application for approval of annual fees shall be recovered by the system operation charges directly from the buyers.
- **27.** Power to Relax. The Commission, for reasons to be recorded in writing, may relax any of the provisions of these regulations on its own motion or on an application made before it by an interested person.

(Alok Kumar) Secretary

## **Appendix-I**

TARIFF FILING FORMS (RLDCs)

### **INDEX**

## Checklist of Forms and other information/ documents for tariff filing for Transmission System

	filing for Transmission System	1
Form No.	Tariff Filing Formats (RLDCs)	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	
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 Loans1	
	- Canada and a straight and a straig	
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 Expenses	
FORM- 7B	Details of Employees cost	
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	
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FORM- 10	Actual cash expenditure	
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Other Inform	nation/ Documents	
SI. No.	Information/Document	Tick
1	Certificate of incorporation, Certificate for Commencement of	11011
-	Business, Memorandum of Association, & Articles of Association (	
	For New Project(s) setup by a company making tariff application for	
2	the first time to CERC) Region wise and Corporate audited Balance Sheet and Profit &	
	,	
	Loss Accounts with all the Schedules & annexure for the new	
	station and for the relevant years.	
3	Copies of relevant loan Agreements	
4	Copies of the approval of Competent Authority for the Capital Cost	
	and Financial package.	
5	Copies of the Equity participation agreements and necessary	
	approval for the foreign equity.	
6	Copies of the BPTA/TSA with the beneficiaries, if any	
7	Detailed note giving reasons of time and cost ever run if	
<b>'</b>	Detailed note giving reasons of time and cost over run, if	
8	applicable.  Any other relevant information (Please specify)	
0	Any other relevant information, (Please specify)	L

Note:1. Electronic copy of the petition (in words format) and detailed calculation as per these formats (in excel format) and any other information submitted shall also be furnished in the form of CD/Floppy disc.

## **Summary Sheet**

Name of the DLDC .	
Name of the RLDC:	

(Rs. In Lakh)

S.N	Particulars	Form No	Existing	2009-10	2010-11	2011-12	2012-13	2013-14
0.			2008-09					
12			3	4	5	6	7	8
1	Return on Equity <sup>1</sup>							
2	Interest on Loan							
3	Depreciation							
4	O&M Expenses							
5	Interest on Working Capital							
	Total							

Details of calculations, considering equity as per regulation, to be furnished.

## **Calculation of Interest on Working Capital**

Name of RLDC :

1 O & M expenses 2 Receivables

4 Rate of Interest

3 Total Working Capital

5 Interest on Working Capital

						(Rs. In La	kh)
SI. No.	Particulars	<b>Existing 2008-09</b>	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3 4	5	6	7	8	

Name of RLDC : \_

## Draw Down Schedule for Calculation of IDC & Financing Charges

	SI.	Draw Down		Quarter 1			Quarter 2		Quarter n (COD)			
Particulars   Fine		2.4			Amount			Amount				
Particulars	NO.											
Loans		Particulars										
Loans												
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Hedging Cost												
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Draw down Amount   Draw down A												
IDC	1.2.											
Financing charges  1.2. Indian Loan 2  Draw down Amount  IDC  Financing charges  1.2. Indian Loan 3  Draw down Amount  IDC  Financing charges  1.2. Indian Loan 3  Draw down Amount  IDC  Financing charges  1.2  1.2 Total Indian Loans  Draw down Amount  IDC  Financing charges  1.3. Total Indian Loans  Draw down Amount  IDC  Financing charges  1 Total of Loans drawn  IDC  Financing charges  Foreign Exchange Rate Variation  Hedging Cost  2 Equity  2.1 Foreign equity drawn  Indian equity drawn												
1.2.   Indian Loan 2												
Draw down Amount   Draw down A		Financing charges										
Draw down Amount   Draw down A	10	Indian Lass 2										
IDC	1.2.											
Financing charges  1.2. Indian Loan 3 Draw down Amount IDC Financing charges  1.2 1.2 Total Indian Loans Draw down Amount IDC Financing charges  1.1. Total of Loans drawn IDC Financing charges  1.2 Total of Loans drawn IDC Financing charges  1.3 Total of Loans drawn IDC Financing charges Foreign Exchange Rate Variation Hedging Cost  2. Equity  2. Indian equity drawn  1. Indian equity drawn  2. Indian equity drawn  1. Indian equity drawn												
1.2. Indian Loan 3 Draw down Amount IDC Financing charges  1.2 Draw down Amount IDC  1.2 Total Indian Loans Draw down Amount IDC Financing charges  1 Total of Loans drawn IDC Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn  Indian equity drawn												
Draw down Amount   DC		Financing charges										
Draw down Amount   DC	1 2	Indian Loan ?			1			-			-	
IDC	1.2.											
Financing charges  1.2  1.2. Total Indian Loans Draw down Amount IDC Financing charges  1.3. Total of Loans drawn IDC Friegn Exchange Rate Variation Hedging Cost  2. Equity 2. Indian equity drawn Indian Express of the state of the stat												
1.2												
1.2 Total Indian Loans Draw down Amount IDC Financing charges  1 Total of Loans drawn IDC Firencing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn Indian equity equi		and a strong control of the strong control o										
1.2 Total Indian Loans Draw down Amount IDC Financing charges  1 Total of Loans drawn IDC Firencing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn Indian equity equi	1.2.											
1.2 Total Indian Loans Draw down Amount IDC Financing charges  1 Total of Loans drawn IDC Financing charges Foreign Exchange Rate Variation Hedging Cost 2 Equity 2.1 Foreign equity drawn 2.2 Indian equity drawn												
Draw down Amount IDC Financing charges  1 Total of Loans drawn IDC Financing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn Indian equity equ												
Draw down Amount IDC IFinancing charges I Total of Loans drawn IDC IFinancing charges Foreign Exchange Rate Variation Hedging Cost I Equity I Foreign equity drawn I IDC I I I I I I I I I I I I I I I I I I I												
Draw down Amount IDC IFinancing charges I Total of Loans drawn IDC IFinancing charges Foreign Exchange Rate Variation Hedging Cost I Equity I Foreign equity drawn I IDC I I I I I I I I I I I I I I I I I I I	1.2	Total Indian Loans										
Financing charges  1 Total of Loans drawn IDC Financing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn 2.2 Indian equity drawn												
1 Total of Loans drawn IDC												
1 Total of Loans drawn IDC Financing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn 2.2 Indian equity drawn		Financing charges										
IDC Financing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity 2.1 Foreign equity drawn 2.2 Indian equity drawn												
Financing charges Foreign Exchange Rate Variation Hedging Cost  2 Equity  3.1 Foreign equity drawn  2.2 Indian equity drawn  3.3 Financing charges  4	1	Total of Loans drawn										
Foreign Exchange Rate Variation Hedging Cost  2 Equity  2.1 Foreign equity drawn  2.2 Indian equity drawn  3 Indian equity drawn												
Foreign Exchange Rate Variation Hedging Cost  2 Equity  2.1 Foreign equity drawn  2.2 Indian equity drawn  3 Indian equity drawn												
2 Equity 2.1 Foreign equity drawn 2.2 Indian equity drawn 3.3 Indian equity drawn 4.5 Indian equity drawn 5.6 Indian equity drawn 6.7 Indian equity drawn 7.8 Indian equity drawn 8.8 Indian equity		Foreign Exchange Rate	<b>Variation</b>									
2.1 Foreign equity drawn 2.2 Indian equity drawn		Hedging Cost										
2.1 Foreign equity drawn 2.2 Indian equity drawn 3.3 Indian equity drawn 3.4 Indian equity drawn 3.5 Indian equity drawn 3.6 Indian equity drawn 3.7 Indian equity drawn 3.8 I		·										
2.2 Indian equity drawn	2	Equity										
2.2 Indian equity drawn												
	2.1	Foreign equity drawn										
					ļ		Į					
Total equity deployed	2.2	Indian equity drawn			ļ		ļ					
Total equity deployed							ļ					
		Total equity deployed					<u> </u>					

Note: 1.Drawal of debt and equity shall be on paripassu basis quarter wise to meet the commissioning schedule. Drawal of higher equity in the beginning is permissible.

2. Applicable interest rates including reset dates used for above computation may be furnished separately

3. In case of multi unit project details of capitalization ratio used to be furnished.

## FORM-6B

## **Calculation of Depreciation Rate**

Name of RLDC :	

(Rs. In Lakh)

		1	( RS. In Lakn)	<del> </del>
SI.	Name of the Assets <sup>1</sup>	Gross Block as on	Depreciation	Depreciation
no.		31.03.2009 or as on	Rates as per	Amount for
		COD, whichever is	CERC's	each year up
		later and	Depreciation	to 31.03.14
		subsequently for	Rate Schedule	
		each year therafter	rate concade	
		upto 31.3.13		
		upio 31.3.13		
	1	2	3	4= Col.2 X
				Col.3
1	Land			001.0
2	Building			
3	and so on			
4				
5				
6				
7				
8				
9				
10				
18				
19				
20				
21				
22				
23				
24				
25				
26				
	TOTAL			
	Weighted Average Rate of			
	Depreciation (%)			
	_ ` ` /			

<sup>&</sup>lt;sup>1</sup> Name of the Assets should conform to the description of the assets mentioned in Depreciation Schedule appended to the Notification.

Name of RLDC: Expenses FORM - 7A
Details of Operation and Maintenance (Rs. In Lakh)

	ITEMS	2009-10	2010-11	2011-12	2012-13	2013-14
	1	2	3	4	5	6
1	Employees cost					
2	Repairs and maintenance expenses					
3	Administrative and general expenses					
4	NLDC charges					
5	Total					

Name of RLDC:

## **Details of Employees cost**

PERIOD- 1 ACTUALS FOR PREVIOUS FIVE YEARS

- 2 ACTUALS FOR FIRST SIX MONTHS OF THE CURRENT YEAR
- 3 EXPECTED FOR LAST SIX MONTHS OF THE CURRENT YEAR
- **4 EXPECTED FOR ENSUING YEAR**

SL.NO.	Account Code	Particulars	Exe	cutive	Non-Ex	ecutive	Total
			Technical	Non-Tech.	Technical	Non-Tech.	
1	Salaries						
2	Over-time						
3							
4	Other Allowance						
5	Bonus						
6	Sub Total (1 to 5)						
	OTHER STAFF COST						
7	Reimbursement of Medical Expenses						
8	Lease Travel Concession						
9	Reimbursement of House Rent						
10	Interim Relief to Staff						
11	Encashment of Earned Leave						
12	Honorarium						
13	Payment under Workmen compensation Act						
14	Ex-gratia						
15	Miscellaneous						
16	Sub Total (7 to 15)						
17	Staff Welfare Expenses						
18	Terminal Benefits						
19	Total (6+16+17+18)						
	ADDITIONAL INFORMATION						
1	No. of Employees as on :						
	I) Executives						
	ii) Non-Executives						
	iii) Skilled						
·	iv) Non-Skilled						
	Total						
2	No. of Employees per						
	i) MW handled						
	ii) MKwh handled						

- I) An annual increase in O&M expenses under a given head in excess of 20 percent should be explained with proper justification.
- II) The data should be based on audited balance sheets.
- III) Details of arrears, if any pertaining to period prior to the year 2003-04 should be mentioned separately.
- IV)No. of employees opting for VRS during each year should be indicated.
- V) Details of abnormal expenses, if any shall be furnished separately.
- VI) The month-wise provisions made in the employee cost during 2006-07 and 2007-08 towards wage revision/arrears shall be provided separately.

**FORM - 7C** 

## Name of RLDC:

## **Details of Repairs and Maintenance Expenses A.**

## REPAIRS AND MAINTENANCE EXPENSES (ACTUALS

Account Code		r F Y	Actual for previous Financial Year	Current Financial Year			Estimates for ensuing year
		Description		Actual For First Six	Projection For Balance	Total	
	i) Civil repairs & maintenance						
	ii)						
	iii)						
	TOTAL						

## **B. REPAIRS AND MAINTENANCE EXPENSES (As per Regulation)**

Particulars	2009-10	2010-11	2011-12	2012-13	2013-14
Admitted Capital cost as on 1st					
April of the year					
Normative %age	2%	2%	2%	2%	2%
Repairs and Maintenance					

## Name of RLDC :

## **Details of Administrative and General expenses**

			Actuals for previous five Financial Year				Estimate s for ensuing year	
Account Code		Description		Actual For First Six Months	Projectio n n For Balance Six Months	Total		
				(Rs. in Crs.)	_			
	PROPERTY RELATED EXPENSES							
	Licence Fees							
	Rent							
	Rates & Taxes							
	Insurance							
	Contribution to accident reserve fund							
	Sub total :							
	COMMUNICATION							
	Telephone & Trunk Call							
	Postage & Telegram							
	Telex, Teleprinter Charges, Telefax					ļ		
	Courier Charges							
	Other							
	Sub total :							
	PROFESSIONAL CHARGES							
	Legal expenses							
	Consultancy charges							
	Technical fees							
	Audit fees							
	Other charges							
	Sub total :							
	CONVEYANCE & TRAVELLING							
	Conveyance expenses							
	Travelling expenses							
	Hire charges of vehicle							
	Others							
	Sub total :							
	OTHER EXPENSES							
	Fees & Subscription							
	Books & Periodicals							
	Printing & Stationery					-		
	Advertisement					1		
	Entertainment					-		
	Watch & Ward					1		
	Miscellaneous					ļ		
	Organizational Development Expenses					-		
	Donation					ļ		
	Training					ļ		
	Sub total :					ļ		
	MATERIAL RELATED EXPENSES							
	Demurrage and Wharf age on materials							
	Clearing & forwarding charges		1					
	Transit insurance					-		
	Others Sub total:		1			<u> </u>		
	I SIID TOTAL .	1	1	1	•	1	1	

## **Statement of Depreciation**

## Name of RLDC:

(Rs. in lakh)

				(RS. In lakn)					
Financial Year	Up to 2008-09	2009-10	2010-11	2011-12	2012-13	2013-14			
1	2	11	12	13	14	15			
Depreciation on Capital Cost									
Depreciation recovered during the Year Advance against Depreciation recovered									
during the Year									
Depreciation & Advance against Depreciation recovered during the year									
Cumulative Depreciation & Advance against Depreciation recovered up to the year									

#### **Details of Foreign loans**

(Details only in respect of loans applicable to the project under petition)

Name of the RLDC : Exchange Rate as on COD Exchange Rate as on 31.03.2009

(Rs. In Lakh)

SI	Financial Year (Starting from COD)	Year 1				Year 2				Year 3 and so on			
- O	1	2	3	4	5	6	7	8	9	10		12	13
	'	Date	Amount (Foreign Currency)		Amount (Rs.)		Amount (Foreign Currency)	Exchange			Amount (Foreign Currency)	Exchang e Rate	Amount (Rs.)
	Currency1 <sup>1</sup>												
A.1	At the date of Drawl <sup>2</sup>												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
В	In case of Hedging3												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	Currency2 <sup>1</sup>												
A.1	At the date of Drawl <sup>2</sup>												
	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
В	In case of Hedging3												
	At the date of hedging												
	Period of hedging												
3	Cost of hedging												
	Currency3 <sup>1</sup> & so on												
	At the date of Drawl <sup>2</sup>												
	Scheduled repayment date of principal												
	Scheduled payment date of interest												
	At the end of Financial year												
В	In case of Hedging3												
	At the date of hedging												
	Period of hedging												
3	Cost of hedging												

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

In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.

Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given with supporting documents. Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

#### **Details of Project Specific Loans**

#### Name of RLDC:

(Rs. In Lakh)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
1	2	3	4	5	6	7
1						
Source of Loan <sup>1</sup>						
Currency <sup>2</sup>						
Amount of Loan sanctioned						
Amount of Gross Loan drawn up to 31.03.2009/COD <sup>3,4,5,13,15</sup>						
Interest Type <sup>6</sup>						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest						
Margin, if Floating Interest <sup>8</sup>	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor9						
If above is yes, specify caps/floor  Moratorium Period <sup>1U</sup>						
Moratorium Period <sup>10</sup>						
Moratorium effective from						
Repayment Period <sup>11</sup>						
Repayment effective from						
Repayment Frequency <sup>12</sup>						
Repayment Instalment <sup>13,14</sup>						
Base Exchange Rate <sup>16</sup>						
Are foreign currency loan hedged?						
If above is yes, specify details 17						

<sup>&</sup>lt;sup>1</sup> Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC. PFC etc.

<sup>&</sup>lt;sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

<sup>&</sup>lt;sup>3</sup> Details are to be submitted as on 31.03.2009 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>4</sup> Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.

<sup>&</sup>lt;sup>5</sup> If the Tariff in the petition is claimed separately for various transmission elements, details in the Form is to be given separately for all the elements in the same form.

<sup>&</sup>lt;sup>6</sup> Interest type means whether the interest is fixed or floating.

<sup>&</sup>lt;sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.

<sup>&</sup>lt;sup>8</sup> Margin means the points over and above the floating rate.

<sup>&</sup>lt;sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

<sup>&</sup>lt;sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.

<sup>&</sup>lt;sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

<sup>&</sup>lt;sup>13</sup> Where there is more than one drawl/repayment for a loan, the date & amount of each drawal/repayement may also be given separately

<sup>&</sup>lt;sup>14</sup> If the repayment installment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.

<sup>&</sup>lt;sup>15</sup> In case of Foreign loan, date of each drawl & repayment along with exchange rate at that date may be given.

<sup>&</sup>lt;sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2009 for existing assets and as on COD for the remaining assets.

<sup>&</sup>lt;sup>17</sup> In case of hedging, specify details like type of hedging, period of hedging, cost of hedging, etc.

<sup>1 8</sup> At the time of truing up rate of interest with relevant reset date (if any) to be furnished separately

At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, amount of refinanced loan, terms and conditions of refinanced loan, financing and other charges incurred for refinancing etc.

#### Name of RLDC:

RLDC Total

| ( Rs. In Lakh) | Package1 | Package2 | Package3 | Package4 | Package5 | Remarks **Particulars** 6 Source of Loan Currency Amount of Loan sanctioned Amount of Gross Loan drawn upto 31.03.2009/COD 3,4,5,13,15 Interest Type<sup>6</sup> Fixed Interest Rate, if applicable Base Rate, if Floating Interest Margin, if Floating Interest Are there any Caps/Floor9 Yes/No Yes/No Yes/No Yes/No Yes/No If above is yes, specify caps/floor Moratorium Period<sup>10</sup> Moratorium effective from Repayment Period Repayment effective from Repayment Frequency<sup>12</sup> Repayment Instalment<sup>13,14</sup> Base Exchange Rate<sup>16</sup> Are foreign currency loan hedged? If above is yes, specify details Distribution of loan packages to various transmission elements Eastern Region Transmission element 1 Transmission element 2 and so on Total Western Region Transmission element 1 Transmission element 2 and so on Total Northern Region Transmission element 1 Transmission element 2 and so on Total Southern Region Transmission element 1 Transmission element 2 and so on Total North-Eastern Region Transmission element 1 Transmission element 2 and so on Total

- 1 Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.
- <sup>2</sup> Currency refers to currency of loan such as US\$, DM, Yen,Indian Rupee etc.
- <sup>3</sup> Details are to be submitted as on 31.03.2009 for existing assets and as on COD for the remaining assets.
- <sup>4</sup> Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.
- <sup>5</sup> If the Tariff in the petition is claimed separately for various transmission elements, details in the Form is to be given separately for all the transmission elements in the same form.
- <sup>6</sup> Interest type means whether the interest is fixed or floating.
- <sup>7</sup> Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.
- <sup>8</sup> Margin means the points over and above the floating rate.
- <sup>9</sup> At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
- <sup>10</sup> Moratorium period refers to the period during which loan servicing liability is not required.
- <sup>11</sup> Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.
- Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.
- <sup>13</sup> Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayement and its allocation may also be given separately
- <sup>14</sup> If the repayment installment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be furnished separately.
- <sup>15</sup> In case of Foreign loan, date of each drawal & repayment along with exchange rate at that date may be given.
- <sup>16</sup> Base exchange rate means the exchange rate prevailing as on 31.03.2009 for existing assets and as on COD for the remaining assets.
- <sup>17</sup> In case of hedging, specify details like type of hedging, period of hedging, cost of heging, etc.
- At the time of truing up rate of interest with relevant reset date (if any) to be furnished separately
- <sup>19.</sup> At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, amount of refinanced loan, terms and conditions of refinanced loan, financing and other charges incurred for refinancing etc.

## Form3 Abstract of

## Admitted Capital Cost for the existing Projects Name of the RLDC :

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

### Calculation of Weighted Average Rate of Interest on Actual Loans <sup>1</sup>

#### Name of RLDC :

(Rs. in lakh)

						(Rs. in lak	, ,	
SI. no.	Particulars	Existing 2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	
1	2	3	4	5	6	7	8	
	Loan-1							
	Gross loan - Opening							
	Cumulative repayments of Loans upto previous year							
	Net loan - Opening							
	Add: Drawal(s) during the Year							
	Less: Repayment (s) of Loans during the year							
	Net loan - Closing							
	Average Net Loan							
	Rate of Interest on Loan on annual basis							
	Interest on loan							
	Loan repayment effective from (date to be indicated)							
	, ,							
	Loan-2						1	
	Gross Ioan - Opening						1	
	Cumulative repayments of Loans upto previous year						1	
	Net loan - Opening							
	Add: Drawal(s) during the Year							
	Less: Repayment (s) of Loans during the year							
	Net loan - Closing							
	Average Net Loan						1	
	Rate of Interest on Loan on annual basis							
	Interest on loan							
	Loan repayment effective from (date to be indicated)							
	Ecan repayment encouve nom (date to be maleated)							
	Loan-3 and so on							
	Gross loan - Opening						-	
	Cumulative repayments of Loans upto previous year							
	Net loan - Opening							
	Add: Drawal(s) during the Year	-				1	1	
	Less: Repayment (s) of Loans during the year	-				1	1	
	Net loan - Closing							
	Average Net Loan						-	
	Rate of Interest on Loan on annual basis			-	-	+	-	
	Interest on loan						-	
	Loan repayment effective from (date to be indicated)						-	
	T-4-11							
	Total Loan							
	Gross loan - Opening						_	
	Cumulative repayments of Loans upto previous year							
	Net loan - Opening						<del>                                     </del>	
	Add: Drawal(s) during the Year						ļ	
	Less: Repayment (s) of Loans during the year						1	
	Net loan - Closing						1	
	Average Net Loan							
	Interest on loan							
	Weighted average Rate of Interest on Loans			1	1			

<sup>&</sup>lt;sup>1</sup> In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Orginal currency is also to be furnished seperately in the same form.

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

## Name of the RLDC:

**Exchange Rate on date/s of infusion:** 

SI.	Financial Year	Year 1				Year 2					Year 3 and so on			
	1	2	3	4	5	6	7	8	9	10	11	12		
		Date	Amount	Exchange	Amount	Date	Amount	Exchange	Amount	Date	Amount	Exchang	Amount	
			(Foreign	Rate	(Rs.)		(Foreign		(Rs.)		(Foreign	e e Rate	(Rs.)	
			Currency)				Currency)				Currency)			
	Currency1 <sup>1</sup>													
A.1	At the date of infusion <sup>2</sup>													
2														
В	Currency 2 <sup>1</sup>													
1														
2														
	Currency3 <sup>1</sup>													
A.1	At the date of infusion <sup>2</sup>													
2														
В	Currency4 <sup>1</sup> & so on													
1	At the date of infusion <sup>2</sup>													
2														

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

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

#### **Calculation of Interest on Normative Loan**

(Rs.in lakh) Particulars 2009-10 2010-11 2011-12 2012-13 2013-14 Existing 2008-09 1 2 3 4 6 7 Gross Normative loan - Opening Cumulative repayment of Normative Loan up to previous year
Net Normative loan - Opening
Increase/Decrease due to ACE during the Year Repayments of Normative Loan during the year
Net Normative loan - Closing
Average Normative Loan Weighted average Rate of Interest on actual Loans Interest on Normative loan

## FORM- 4H **Financing of Additional Capitalization**

Name of RLDC:

(Rs. In Lakh)

		Pı	rojected/A	ctual	Admitted						
Financial Year (Starting from COD)	Year1	Year2	Year3	Year4	Year 5 & So on	Year1	Year2	Year3	Year4	Year 5 & So on	
1	2	3	4	56		7	8	9	10	11	
Amount capitalized in Work/Equipment											
Financing Details											
Loan-1 Loan-2											
Loan-3 and so on											
Total Loan <sup>2</sup>											
Equity											
Internal Resources Others											
Total											

<sup>&</sup>lt;sup>1</sup>Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent

financial years respectively.

<sup>2</sup>Loan details for meeting the additional capitalization requirement should be given as per FORM-7 or 8 whichever is relevant.

# **FORM- 4F Statement of Capital cost**

### Name of RLDC:

Statement of Capital cost
(To be given for relevant dates and year wise)

		As on relevant
Α	a) Opening Gross Block Amount as per books	
	<b>b)</b> Amount of capital liabilities in A(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in A(a) above	
	<u>d)</u> Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a	
В	a) Addition in Gross Block Amount during the period	
	<b>b)</b> Amount of capital liabilities in B(a) above	
	<b>c)</b> Amount of IDC, FC, FERV & Hedging cost included in B(a) above	
	<u>d)</u> Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) a	
С	a) Closing Gross Block Amount as per books	
	<b>b)</b> Amount of capital liabilities in C(a) above	
	c) Amount of IDC, FC, FERV & Hedging cost included in C(a) above	
	<u>d)</u> Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in C(a) a	

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

**PETITIONER** 

Name of RLDC:			

# **Statement of Capital Woks in Progress**

(To be given for relevant dates and year wise)

		As on relevant date.1
Α	a) Opening CWIP Amount as per books	
	b) Amount of capital liabilities in a above	
	c) Amount of IDC, FC, FERV & Hedging cost included in a above	
В	a) Addition/Adjustment in CWIP Amount during the period	
	b) Amount of capital liabilities in a above	
	c) Amount of IDC, FC, FERV & Hedging cost included in a above	
С	a) Capitalization/Transfer to Fixed asset of CWIP Amount during	
	b) Amount of capital liabilities in a above	
	c) Amount of IDC, FC, FERV & Hedging cost included in a above	
D	a) Closing CWIP Amount as per books	
	b) Amount of capital liabilities in a above	
	c) Amount of IDC, FC, FERV & Hedging cost included in a above	

<sup>1</sup> Relevant date/s means date of COD and financial year start date and end date

**PETITIONER** 

## **Statement of Additional Capitalization after COD**

|--|

SI.No.	Year	Work/Equipment proposed to be added after COD	Amount Proposed to be capitalized	Justification as per propose	Regulation under which covered	Admitted Cost <sup>1</sup>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Total					

<sup>&</sup>lt;sup>1</sup> In case the project has been completed and any tariff notification(s) has already been issued in the past , fill column 7 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order)

#### Note:

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

# Financial Package up to COD

Name of RLDC:	
Project Cost as on COD <sup>1</sup>	
Date of Commercial Operation	
·	

(Rs. in lakh)

	Financial Packag	je as Approved	Financial Packa	ge as on COD	As Admitted on COD		
				3		3	
1	2	3	4	5	6	7	
Loan-I	US \$	200m					
Loan-II	00 4						
Loan-III							
and so on							
Equity-							
Foreign							
Domestic							
Total Equity							
Debt : Equity Ratio	-		_		_	-	

Say US \$ 200m + Rs.400 Cr or Rs.1360 Cr including US \$200m at an exchange rate of 1US \$=Rs.48/-Date of Commercial Operation means Commercial Operation of the RLDC For example : US \$, 200M etc.etc

### **Break-up of Construction/Supply/Sevice packages**

#### Name of RLDC:

S.No.	of Constructio n	(in line with head of cost break-ups as	No. of bids received	Date of Award	Date of Start of work	Comple- tion of Work	of Award <sup>2</sup>	With	expenditure till the	& Duties and	IDC, FC, FERV & Hedgin g cost	Sub-Total
-												

<sup>&</sup>lt;sup>1</sup> The scope of work in any package should be indicated in conformity of cost break-up in form-4B to the extent possible.

<sup>2</sup> If there is any package, which need to be shown in Indian Rupee and foreign currency(ies), the same should be shown separately along with the currency, the exchange rate and the date e.g. Rs.80 Cr+US\$50m=Rs.320Cr at US\$=Rs48 as on say 01.04.09.

#### Name of RLDC:

SI.No.	Break Down	C	ost in Rs. Cr	ores	Variation	Reasons	Admitted
			As on COD	Liabilities/ Provision		for Variation	Cost
1	2	As per 3	4	5	6=(3-4-5)	7	8
Α	Preliminary works & land						
1.1	Design & Engineering						
1.2	Land						
1.3	Site preparation						
1.0	Total Preliminary works & land						
В	Civil Works						
2.1	Control Room & Office Building including HVAC						
2.2	Township & Colony						1
2.3	Roads and Drainage						
2.4	Foundation for structures						
2.5	Misc. civil works						
2.0	Total Civil Works						
С	Equipments						
3.1							
3.2							
3.3							
3.0	Total Equipments						
D	Spares						
4.1							
4.2							
4.3							
4.0	Total Spares						
Е	Taxes and Duties						
5.1	Custom Duty						
5.2	Other Taxes & Duties						
5.0	Total Taxes & Duties						
F	Construction and pre-commissioning expenses						
6.1	Site supervision & site admn.etc.						
6.2	Tools and Plants						
6.3	construction Insurance						
6.0	Total Construction and pre commissioning expenses						
G	Overheads				1	1	
7.1	Establishment						1
7.2	Audit & Accounts				1	1	
7.3	Contingency						
7.0	Total Overheads						
8.0	Capital cost excluding IDC, FC, FERV & Hedging Cost						
H 0.1	IDC, FC, FERV & Hedging Cost						1
	Interest During Construction (IDC)				+	+	
	Financing Charges (FC) Foreign Exchange Rate Variation (FERV)					1	1
	TEOLEION EXCUSUOE KATE VARIATION (FEKV)	I	1			1	
9.3							
9.3 9.4	Hedging Cost						
9.3 9.4							

<sup>1.</sup> In case of time & Cost over run, a detailed note giving reasons of such time and 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.

#### FORM-4A

#### Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects

#### Name of RLDC :

#### New Projects Capital **Cost Estimates**

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	Present Day	Completed Cost
Price level of approved estimates	As of End of	As on Scheduled COD of the Station
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cos	t excluding IDC & FC	<u> </u>
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Cr.)		
Capital cost excluding IDC, FC, FERV & Hedging Cost (Rs. Cr)		
IDC, FC, F	ERV & Hedging Cost	<u> </u>
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Cr.)		
Total IDC, FC, FERV & Hedging Cost (Rs.Cr.)		
Rate of taxes & duties considered		
Capital cost Including	   IDC, FC, FERV & Hed	dging Cost
3	, , , , , , , , , , , , , , , , , , , ,	3 3
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Cr.)		
Capital cost Including IDC & FC (Rs. Cr)		
Schedule of Commissioning		
	I	

#### Note:

- Copy of approval letter should be enclosed.
   Details of Capital cost are to be furnished as per FORM-4B or 4C as applicable.
- 3. Details of IDC & Financing Charges are to be furnished as per FORM-9.

# **Normative Parameters considered for tariff calculations**

### Name of the RLDC:

# **Year Ending March**

Particulars	Unit	As Existing					
			2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7	8
Base Rate of Return on Equity	%						
Tax Rate	%						
Repairs and Maintenance as	%						
%age of approved capital cost							
Receivables in Months for WC	months						
Prime lending Rate of SBI as on	%						

Please mention relevant date

# **Actual cash expenditure**

	Quarter-I	Quarter-	Quarter-III	Quarter-n
Payment to contractors/suppliers				
% of fund deployment				

Note: If there is variation between payment and fund deployment justification need to be furnished

tion 4]
(in bold letters)

- 1. The applicant above-named has made an application before the Central Electricity Regulatory Commission, New Delhi for determination of for [Give name of the Regional Load Despatch Centre].
- 2. The beneficiaries of the Regional Load Despatch Centre are:(a) (b)(c) (d)
- 3. Approved capital cost of the project (Rs. in lakh) Original:
  Final (Revised):
- 4. Authority which has approved the Capital Cost:
- 5. Scheduled date of commercial operation Original:
  Final (Revised):
- 6. Actual date of commercial operation:

. . . . . . .

- 7. Capital cost on the date of commercial operation (Rs. in lakh):
- 8. Details of fee and charges (Publish only applicable portion):

(Rs. in lakh)

		for the	Year-wise fee and charges sought to be determined				
		previous year	<sup>1st</sup> year	<sup>2nd</sup> year	3 <del>rd</del> year	4th year	5 <del>th</del> year
1.	System Operation Service Charges						
2.	Market operation Charges						

- 9. A copy of the application made for determination of fee and charges is posted on the website (indicate here the address of the website).
- 10. The suggestions and objections, if any, on the proposals for determination of tariff contained in the application be filed by any person, including the beneficiary before the Secretary, Central Electricity Regulatory Commission, 3<sup>rd</sup> and 4<sup>th</sup> Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001 (or other address where the office of the Commission is situate), with a copy to the applicant within 30 days of publication of this notice.

Place	Name and Designation of the
	Authorised Signatory
Date	

# **Appendix-III**

# **Depreciation Schedule**

Sr. No.	Asset Particulars	Depreciation Rate (Salvage Value=10%)
		SLM
Α	Land under full ownership	0.00%
В	Land under lease	
(a)	for investment in the land	3.34%
(b)	For cost of clearing the site	3.34%
С	Other Assets	
а	Building & Civil Engineering works	
(i)	Offices and residential	1.63%
(ii)	Containing plant and equipments	3.34%
(iii)	Temporary erections such as wooden structures	3.34%
(iv)	Roads other than Kutcha roads	100.00%
(v)	Others	1.63%
b	Transformers, Kiosk, sub-station equipment & other fixed apparatus (including plant foundation)	
(i)	Transformers including foundations having rating of 100 KVA and over	5.28%
(ii)	Others	5.28%
С	Switchgear including cable connections	5.28%
d	Lightning arrestor	
(i)	Station type	5.28%
(ii)	Pole type	5.28%
(iii)	Synchronous condensor	5.28%
е	Batteries	5.28%
(i)	Underground cable including joint boxes and disconnected boxes	5.28%
(ii)	Cable duct system	3.34%
f	Overhead lines including cable support	
(i)	Lines on fabricated steel operating at terminal voltages higher than 66 KV	3.34%
(ii)	Lines on steel supports operating at terminal voltages higher than 13.2 KV but not exceeding 66 KV	5.28%

Sr. No.	Asset Particulars	Depreciation Rate (Salvage Value=10%)
<b>/***</b>		SLM
(iii)	Lines on steel on reinforced concrete support	5.28%
(iv)	Lines on treated wood support	5.28%
g	Meters	5.28%
h	Self propelled vehicles	9.50%
i	Air Conditioning Plants	
(i)	Static	5.28%
(ii)	Portable	9.50%
j(i)	Office furniture and furnishing	6.33%
(ii)	Office equipment	6.33%
(iii)	Internal wiring including fittings and apparatus	6.33%
(iv)	Street Light fittings	5.28%
k	Apparatus let on hire	
(i)	Other than motors	9.50%
(ii)	Motors	6.33%
I	Communication equipment	
(i)	Radio and high frequency carrier system	6.33%
(ii)	Telephone lines and telephones	6.33%
m	I. T equipments	15.00%
n	Softwares	30.00%
0	Any other assets not covered above	5.28%