

# ***Jharkhand SLDC Fees and Charges Regulation (Draft), 2010***



**JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION**

## **CHAPTER I - SCOPE, EXTENT AND DEFINITIONS**

### **A1: SHORT TITLE, COMMENCEMENT AND INTERPRETATION**

- 1.1 This Regulation may be called the “Jharkhand State Electricity Regulatory Commission (Levy of collection of fees and charges by SLDC) Regulations, 2010”.
- 1.2 These Regulations shall extend to the whole state of Jharkhand.
- 1.3 These Regulations shall come into force on the date of its publication in the Jharkhand Gazette.

## **A2: DEFINITIONS AND INTERPRETATION**

2.1 In this Regulation unless the context otherwise requires:

- 1) **“Act”** means the Electricity Act, 2003 (36 of 2003) and subsequent amendment thereof;
- 2) **“additional capitalization”** means the capital expenditure incurred or projected to be incurred, after the date of commercial operation of the project and admitted by the Commission after prudence check;
- 3) **“Aggregate Revenue Requirement”** or **“ARR”** means the costs pertaining to the State Load Despatch Centre/ Power System Operation company which are permitted, in accordance with these Regulations, to be recovered from the fees and charges determined by the Commission;
- 4) **“Applicant”** means a Power System Operation Company/ SLDC who has made an application for determination of fees and charges in accordance with these Regulations;
- 5) **“auditor”** means an auditor appointed by the Power System Operation Company, qualified for appointment as an auditor in accordance with the provisions of sections 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;
- 6) **“Base Year”** means the Financial Year immediately preceding the first year of the Control Period, and used for the purposes of these Regulations;
- 7) **“buyer”** means a person buying power through medium term or long term access and whose scheduling, metering and energy accounting is coordinated by the State Load Despatch Centre;
- 8) **“capital cost”** means the capital cost as defined in clause 8.2, 8.3 of these Regulations;
- 9) **“capital expenditure (CAPEX) plan”** means the expenditure of capital nature planned to be incurred during control period for creation of the assets of the State Load Despatch Centre;
- 10) **“CERC”** means The Central Electricity Regulatory Commission referred to in subsection (1) of section 76;
- 11) **“charges”** means recurring and monthly payments to be collected by the State Load Despatch Centre or by the Power System Operation Company on its behalf for the services rendered;

- 12) **“Commission”** means the Jharkhand State Electricity Regulatory Commission (JSERC);
- 13) **“Conduct of Business Regulations”** means the JSERC (Conduct of Business) Order 2003, as amended from time to time;
- 14) **“contracted capacity”** means the capacity arranged through long term or medium term access;
- 15) **“control period”** means a multi-year period fixed by the Commission, from 1st April 2013 and up to 31st March 2016;
- 16) **“day”** means the 24 hour period starting at 0000 hour;
- 17) **“expenditure incurred”** means the fund, whether the equity or debt or both, actually deployed and paid in cash or cash equivalent, for creation or acquisition of a useful asset and does not include commitments and the liabilities for which no payment has been made;
- 18) **“fees”** means the one-time or annual fixed payments collected by the State Load Despatch Centre or by the Power System Operation Company on its behalf for the services rendered on account of registration, membership or any other account as specified by the Commission from time to time;
- 19) **“licensee”** means a person granted a licence under Section 14 of the Act;
- 20) **“market operation function”** includes functions of scheduling, despatch, metering, data collection, energy accounting and settlement, transmission loss calculation and apportionment, operation of pool account and congestion charge account, administering ancillary services, information dissemination and any other functions assigned to the State Load Despatch Centre by the Electricity Act 2003 or by JSERC regulations and orders;
- 21) **“NLDC”** means the Centre established under sub-section (1) of Section 26 of the Act;
- 22) **“open access consumer”** means any person permitted by the Commission to receive supply of electricity from a person other than distribution licensee of his area of supply, and open access shall be construed accordingly. The expression “open access consumer” includes a generating company and a licensee, who has availed of or intends to avail of open access;
- 23) **“Power System Operation Company”** means a company engaged in the operation of the State Load Despatch Centre in accordance with Section 31 of the Act;

- 24) **“Regional Load Despatch Centre (RLDC)”** means the Centre established under sub-section (1) of Section 27 of the Act;
- 25) **“State”** means the State of Jharkhand;
- 26) **“State Load Despatch Centre (SLDC)”** means the Centre established under subsection (1) of Section 31 of the Act;
- 27) **“scheme”** means the facilities and equipments associated with and installed at the State Load Despatch Centre and Corporate office of Power System Operation Company, as the case may be, and also includes but not limited to the following, namely:-
- (i) computer systems, 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;
  - (v) any innovative schemes R&D projects and pilot projects for better system operation, such as Synchrophasors, System Protection Scheme;
  - (vi) Back-up control centers for State Load Despatch Centre;
  - (vii) Surveillance Camera System; and
  - (viii) Cyber Security System;
- 28) **“seller”** means a person supplying power through medium term or long term access and whose scheduling, metering and energy accounting is coordinated by State Load Despatch Centre;
- 29) **“State Transmission Utility (STU)”** means the Board or the Government Company specified as such by the State Government under sub-section (1) of section 39 of the Act;
- 30) **“system operation function”** includes monitoring of grid operations, supervision and control over the Intra-State Transmission System, real-time operations for grid control and Despatch, system restoration following grid disturbances, compiling and furnishing data pertaining to system operation, congestion management, black start coordination and any other function(s) assigned to the State Load Despatch Centre by the Electricity Act 2003 or by JSERC regulations and orders;

- 31) **“transition period”** means the period of determination of tariff on annual basis which shall mean the period from 1st April 2011 to 31st March 2013;
  - 32) **“tariff period”** shall mean the period from 1st April 2011 to 31st March 2016 for which Tariff is determined by the Commission under these Regulations;
  - 33) **“user”** means the generating companies, distribution licensees, buyers, sellers and open access consumers , as the case may be, who use the intra–state transmission network or the associated facilities and services of State Load Despatch Centre;
  - 34) **“year”** means a financial year;
- 2.2 Words and expressions used respectively and not defined in these Regulations but defined in the Act shall have the meanings respectively assigned to them in the Act.
- 2.3 All proceedings under these Regulations shall be governed by the Conduct of Business Regulations.

### **A3: SCOPE AND EXTENT OF APPLICATION**

- 3.1 These regulations shall be applicable for determination for fees and charges of State Load Despatch Centre.
- 3.2 These Regulations shall apply to the beneficiaries using the Intra-State transmission system, and the Transmission Licensees and Generating Stations, being monitored by the State Load Despatch Centre.

### **A4: STATE LOAD DESPATCH CENTRE (SLDC)**

- 4.1 The State Load Despatch Centre shall be the Centre established by the State Government to be operated by a Government company or any Authority or Corporation established or constituted by or under the State Act provided that until the State Government notify so, the State Transmission Utility shall operate State Load Despatch Centre and shall be the apex body to ensure integrated operation of the power system in the State.

#### **Functions of SLDC**

- 4.2 The SLDC shall be responsible for:
  - (a) scheduling and despatch of electricity;
  - (b) carrying out real time operation for control of grid and ensuring reliability;
  - (c) exercising the supervision and control over the intra state transmission system;
  - (d) monitoring Grid Operations;
  - (e) keeping account of the electricity transmitted through the Grid; and
  - (f) co-ordinating with Regional Load Despatch Centre (RLDC).

### **A5: DUTIES AND OBLIGATIONS OF SLDC**

- 5.1 In discharge of functions, obligations and duties, the State Load Despatch Centre shall be guided by the provisions of the Act, provisions of the Indian Electricity Grid Code, provisions of Availability Based Tariff Order of CERC, Jharkhand State Electricity Regulatory Commission (State Grid Code) Regulations, 2008, Jharkhand State Electricity Regulatory Commission (Open Access in Intra-State Transmission and Distribution) Regulations, 2005 and its amendments and any other rules, regulation and practice direction specified by the Commission from time to time. The State Load Despatch Centre shall also be guided by the contracts entered into between the licensees / open access consumers and generating companies or between licensees and open access consumers. While discharging its duties and obligations, the SLDC shall not give any preferential treatment to any of the Open Access Consumers.

5.2 The State Load Despatch Centre shall -

- (a) comply with the directions of the Regional Load Despatch Centre;
- (b) ensure that the directions issued by the Regional Load Despatch Centre to any Transmission licensee or State Transmission Utility or other licensee of the State or Generating Company or Substations in the State are duly complied with;
- (c) maintain transparency in its functioning and operations ;
- (d) collect and maintain data of grid operation and transfer of electricity through the power system;
- (e) prepare energy account including unscheduled inter-change (UI) account;
- (f) prepare bills of unscheduled inter-change of electricity and the procedure for preparation of the same specifying therein the period of bill, mode of payment, time of payment, surcharge for delayed payment and penalty for non payment of bills; and
- (g) perform such duties as specified by the Commission in any other regulation or otherwise.

5.3 The State Load Despatch Centre shall upload on its website as well as submit the following reports to the Commission:

- (a) Monthly Energy Accounting Statement indicating source-wise input and Discom/Open Access Consumer wise output of energy
- (b) The reports on its operation as specified in
  - i. Commission's various Orders on Generation Tariff and Transmission Tariff; and
  - ii. Any other Regulations.

### **Prohibited activities**

5.4 State Load Despatch Centre shall not engage in the business of trading in electricity.

### **Accounts of SLDC**

5.5 Unless otherwise permitted by the Commission the financial year shall be from first (1st) April to the following thirty-first (31st) March.



5.6 From the date the SLDC is established by the Government of Jharkhand under Section 31 of the Act, SLDC shall maintain its financial accounts separately and account its all expenses incurred separately. In case Power System Operation Company is operating the SLDC, the financial account related to the SLDC shall be maintained separately by Power System Operation Company.

## **CHAPTER II: TARIFF FRAMEWORK AND GUIDING PRINCIPLES FOR MULTI YEAR TARIFF (MYT)**

### **A6: TARIFF FRAMEWORK**

- 6.1 The Commission shall follow the Annual Tariff Framework for determination of fees and charges of the State Load Despatch Centre during the **Transition Period** for each year of the Transition Period. Accordingly, the **Transition Period** shall commence from April 1, 2011 and shall extend till March 31, 2013.
- 6.2 The Commission shall adopt Multi Year Tariff framework for approval of fees and charges for State Load Despatch Centre during the **Control Period**.
- 6.3 Accordingly, the **Control Period** shall commence from 1st April 2013 and shall extend till 31st March 2016. The ARR filings for the Control Period shall be done in accordance with the MYT framework contained in these Regulations;

#### **Annual Tariff Framework for the Transition Period (FY 2011-12 and FY 2012-13)**

- 6.4 Power System Operation Company /SLDC shall file Annual Tariff Application with the Commission as per the timelines specified in Section A18: of these Regulations.
- 6.5 The Application shall include statements containing Aggregate Revenue Requirement (ARR) during the Previous Year, Current Year and Ensuing Year. The information for the Previous Year should be based on audited accounts;
- 6.6 The principles for determination of ARR for the Transition Period are described in Chapter III of these Regulations and the procedure for annual filing during the transition period is described in Chapter IV of these Regulations.

#### **Multi Year Tariff (MYT) Framework for the Control Period (FY 2013-14, FY 2014-15 and FY 2015-16)**

- 6.7 Power System Operation Company /SLDC shall file MYT Application and other documents with the Commission as per the timelines specified in Section A18: of these Regulations.

The Application shall include statements containing Aggregate Revenue Requirement (ARR) for the Previous Year, Base Year and the projections for Control Period. The information for the Previous Year should be based on audited accounts.

- 6.8 The Guiding Principles for MYT framework are described in Section A7: of these Regulations.

6.9 The principles for determination of ARR for the Control Period is described in Chapter III of these Regulations and the procedure for annual filing during the control period is described in Chapter IV of these Regulations.

## **A7: GUIDING PRINCIPLES FOR MYT FRAMEWORK**

7.1 The Commission shall adopt Multi Year Tariff Framework for approval of ARR and expected revenue from fees and charges. The ARR, fees and charges would be determined for the Control Period.

7.2 The Multi Year Tariff framework shall be based on the following:

(a) Business Plan of the Power System Operation Company /SLDC for the entire Control Period to be submitted to the Commission for approval, prior to the start of the Control Period;

(b) Applicant's forecast of expected fees and charges for each year of the Control Period, based on reasonable assumptions of the underlying financial and operational parameters, as submitted in the Business Plan

(c) Annual review of performance will be conducted vis-à-vis the approved forecast;

### **Base Year**

7.3 The values for the Base Year of the Control Period will be determined based on the audited accounts available, best estimate for the relevant years and other factors considered relevant by the Commission.

### **Business Plan**

7.4 The Power System Operation Company /SLDC shall file for the Commission's approval, a Business Plan approved by the Board of Directors, as per the timelines specified in Section A18: of these Regulations. The Business Plan shall be for the entire Control Period and shall, interalia, contain;

(a) **CAPEX plan:** This should be commensurate with load growth and quality improvement proposed in the Business Plan. The CAPEX plan should also include corresponding capitalisation schedule and financing plan;

(b) The appropriate capital structure and cost of financing (interest on debt) and return on equity, terms of the existing loan agreements, etc;

(c) **Operation and Maintenance (O&M) expenses excluding human resource expenses:** This shall include the costs estimated for the Base Year, the actual expenses incurred in the previous years and the projected values for each year of the Control Period based on the proposed norms for O&M cost, including indexation and other appropriate mechanisms;

- (d) **Human resource expenses:** This shall include the costs estimated for the Base Year, the actual expenses incurred in the previous control period and the projected values for each year of the Control Period based on the proposed norms for O&M cost, including indexation and other appropriate mechanisms;
- (e) **Depreciation:** This shall include the depreciation schedule based on the fair life of the asset and capitalisation schedules for each year of the Control Period;
- (f) **Other Information:** This shall include any other details considered appropriate by the Power System Operation Company /SLDC for consideration during determination of fees and charges.

### **CAPEX Plan**

- 7.5 The Commission shall approve the scheme augmentation plan submitted by the Power System Operation Company /SLDC, based on the load growth forecast during the Control Period. The same would be considered for computation of ARR, wherein the amount of electricity handled by the SLDC shall be projected considering the estimated growth plan of its Beneficiaries and any plans of new transmission system, based on network expansion plans within the State.
- 7.6 CAPEX plan submitted by the Power System Operation Company /SLDC shall also provide details of ongoing projects that will spill into the Control Period and new projects that will commence during the Control Period but may extend beyond the Control Period.
- 7.7 The CAPEX plan shall be in conformity with the plans made by the STU and with the capital investment plans of the Distribution Licensee and the Generating Company. The CAPEX plan shall inter-alia include:
  - (a) Purpose of investment (i.e. replacement of existing assets, meeting load growth, technical loss reduction, meeting reactive energy requirements, improvement in quality and reliability of supply, etc) ;
  - (b) Capital Structure;
  - (c) Capitalization Schedule;
  - (d) Financing Plan;
  - (e) Cost-benefit analysis;
  - (f) Improvement in operational efficiency envisaged in the control period;
- 7.8 For the Annual Performance Review, Power System Operation Company /SLDC shall submit the actual capital expenditure incurred and capitalisation during the year under review along with the Annual Performance Review Filing.

- 7.9 The Commission shall review the actual capital expenditure incurred and capitalisation at the end of each year of the Control Period vis-à-vis the approved capital expenditure and capitalisation schedule. In the normal course, the Commission shall not revisit the approved CAPEX plan (capital expenditure and capitalisation schedule) during the Control Period and adjustment to depreciation and financing cost, which includes cost of debt (interest), working capital interest, cost of equity (return) for the actual capital expenditure incurred and capitalisation vis-à-vis approved CAPEX plan (capital expenditure and capitalisation) shall be done at the end of Control Period.
- 7.10 The Commission shall also conduct a mid term review at the end of second year of the Control Period. In case, the cumulative incurred capital expenditure and/or capitalisation deviates from the approved capital expenditure / capitalisation by more than 20% (cumulative), the Commission will make necessary changes to capital investment plan for the Control Period after consultation with Power System Operation Company /SLDC and adjust depreciation and financing cost, which includes cost of debt (interest), working capital interest, cost of equity (return) based on the actual capital expenditure and/or capitalisation vis-à-vis approved capital expenditure / capitalisation;

Provided that the actual capital expenditure incurred shall be only for the schemes as per the approved CAPEX plan.

- 7.11 In case the capital expenditure is required for emergency work which has not been approved in the CAPEX plan, the Power System Operation Company /SLDC shall submit an application (containing all relevant information along with reasons justifying emergency nature of the proposed work seeking approval by the Commission. The Power System Operation Company /SLDC shall take up the work prior to the approval of the Commission provided that the emergency nature of the scheme has been certified by the Board of Directors.

Provided that for the purpose of the clause 7.11 above, such approved capital expenditure shall be treated as a part of actual capital expenditure incurred to the Power System Operation Company /SLDC as well as the approved capital expenditure by the Commission.

## **Truing up of annual fees and operating charges during transition period and control period**

### **Transition period**

- 7.12 The Commission shall carry out truing up exercise along with the application for determination of fees and charges filed for each year of the Transition period after prudence check.

- 7.13 The Commission shall carry out truing up exercise along with the application for determination of fees and charges filed for the control period after the expiry of the control period, for the fees and charges recovered up to 31.3.2016 and admitted by the Commission after prudence check at the time of truing up.

**Control period**

- 7.14 The Power System Operation Company shall submit along with the application for truing up, details of capital expenditure including additional capital expenditure, sources of financing, human resource expenditure, operation and maintenance expenditure, etc incurred (i) for each year of the Transition period for the respective year true up and (ii) for the period from 1.4.2013 to 31.3.2016, duly audited and certified by the auditors during the control period for true up at the end of the control period.
- 7.15 Where after the truing up the tariff recovered exceeds the tariff approved by the Commission under these Regulations the generating company or the transmission licensee, as the case may be, shall refund to the beneficiaries or the transmission customers, as the case may be, the excess amount so recovered along with simple interest at the rate equal to short-term Prime Lending Rate of State Bank of India as on 1st April of the respective year.
- 7.16 Where after the truing up the tariff recovered is less than the tariff approved by the Commission under these Regulations the generating company or the transmission licensee, as the case may be, shall recover from the beneficiaries or the transmission customers, as the case may be, the under-recovered amount along with simple interest at the rate equal to the short-term Prime Lending Rate of State Bank of India as on 1st April of the respective year.
- 7.17 The amount under-recovered or over-recovered, along with simple interest at the rate equal to the short-term Prime Lending Rate of State Bank of India as on 1st April of the respective year, shall be recovered or refunded by the generating company or the transmission licensee, as the case may be, in six equal monthly instalments starting within three months from the date of the tariff order issued by the Commission after the truing up exercise.

## **CHAPTER III: DETERMINATION OF TARIFF**

### **A8: PRINCIPLES FOR DETERMINATION OF TARIFF**

- 8.1 The Transmission Licensee shall segregate its business into SLDC activity and Transmission Business. Till such time there is a complete segregation of accounts between SLDC activity and Transmission Business, the ARR for each business shall be supported by an Allocation Statement duly approved by the Board of the Transmission Licensee containing the apportionment of all costs, revenues, assets, liabilities, reserves and provisions between the Transmission Business, SLDC activity and any Other Business of the Transmission Licensee. The Allocation Statement shall also contain the methodology used for the apportionment between different businesses.

#### **Capital Cost**

- 8.2 The capital cost shall include the expenditure incurred or projected to be incurred during the tariff period, including Interest During Construction (IDC) and financing charges, any gain or loss on account of Foreign Exchange Rate Variation (FERV) 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 the capital cost;

- 8.3 The capital cost admitted by the Commission after prudence check shall form the basis for determination of 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 Power System Operation Company/SLDC as on the date of transfer along with the approved CAPEX plan for the tariff period shall be the basis for determination of charges;

#### **Additional Capitalisation**

- 8.4 The capital expenditure incurred or projected to be incurred after the date of commercial operation may, in its discretion, be admitted by the Commission, subject to prudence check:

Provided that any expenditure on acquiring the minor items or the assets like tools and tackles, furniture, air-conditioners, voltage stabilizers, refrigerators, coolers, fans, washing machines, heat convectors, mattresses, carpets etc. brought after the date of commercial operation shall not be considered for additional capitalization for determination of fees and charges.

### **Debt-Equity ratio**

8.5 The actual debt-equity ratio appearing in the books of accounts as on the date of transfer shall be considered for the opening capital cost of Power System Operation Company/ State Load Despatch Centre.

8.6 For an investment made on or after the date of transfer, 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 the 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 Power 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 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.

### **A9: COMPUTATION OF ANNUAL CHARGES**

9.1 The annual charges of SLDC shall consist of the following components:

- (a) Return on equity;
- (b) Interest on loan;
- (c) Depreciation;
- (d) Operation & maintenance expenses excluding human resource expenses;
- (e) Human resource expenses; and
- (f) Interest on working capital.

### **Return on equity**

9.2 Return on equity shall be computed in rupee term on equity base determined in accordance with clause 8.5, 8.6 of these Regulations.

9.3 Return on equity shall be computed on **pre-tax base rate of 16%** to be grossed up as per the clause 9.5 of this Regulation.



- 9.4 The rate of return on equity shall be computed by grossing up the base rate with the normal tax rate applicable to the Power System Operation Company/SLDC as per details shown as under:

**Transition period:** Base rate to be grossed by the applicable tax rate for the Year 2010-11 for filing of ARR in FY2011-12 and applicable tax rate for the Year 2011-12 for filing of ARR in FY2012-13.

**MYT period:** Base rate to be grossed by the applicable tax rate for the Year 2012-13.

Provided that return on equity with respect to the actual tax rate applicable to the Power System Operation Company, in line with the provisions of the relevant Finance Acts of the respective year during the Control period shall be trued up separately for each year of the Control period at the end of the Control period.

- 9.5 Rate of return on equity shall be rounded off to three decimal points 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 as per clause 9.4 of this regulation.

**Illustration-**

- (a) In case of Power System Operation Company paying Minimum Alternate Tax (MAT) @ 19.931% including surcharge and cess:

i. Rate of pre-tax return on equity =  $15.50 / (1 - 0.19931) = 19.358\%$

- (b) In case of Power System Operation Company paying normal corporate tax @ 33.99% including surcharge and cess:

i. Rate of pre-tax return on equity =  $15.50 / (1 - 0.3399) = 23.481\%$ .

**Interest on loan**

- 9.6 The loans determined in accordance with clause 8.5, 8.6 of these Regulations shall be considered as gross normative loan for calculation of interest on loan.
- 9.7 The normative loan for Transition Period shall be calculated as under (i) outstanding as on 1.4.2011 shall be worked out by deducting the cumulative repayment as admitted by the Commission up to 31.3.2011 from the gross normative loan for the FY2011-12 (ii) outstanding as on 1.4.2012 shall be worked out by deducting the cumulative repayment as admitted by the Commission up to 31.3.2012 from the gross normative loan for the FY2012-13.

During Control Period the normative loan outstanding as on 1.4.2013 shall be worked out by deducting the cumulative repayment as admitted by the Commission up to 31.3.2013 from the gross normative loan.

- 9.8 The repayment for respective year of the Tariff Period shall be deemed to be equal to the depreciation allowed for that year.
- 9.9 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.

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 State Load Despatch Centre does not have actual loan, then the weighted average rate of interest of the Power System Operation Company as a whole shall be considered;

- 9.10 The interest on loan shall be calculated on the normative average loan of the year by applying the weighted average rate of interest.
- 9.11 The Power System Operation Company shall make every effort to re-finance the loan as long as it results in net savings on interest and in that event the costs associated with such re-financing shall be borne by the users and the net savings shall be shared between the users and the Power System Operation Company, as the case may be, in the ratio of 2:1.
- 9.12 The changes to the terms and conditions of the loans shall be reflected from the date of such re-financing.
- 9.13 In case of dispute, any of the parties may make an application in accordance with the Conduct of Business Regulations, as amended from time to time, including statutory re-enactment thereof for settlement of the dispute:

Provided that the users shall not withhold any payment on account of the interest claimed by the users and the Power System Operation Company during the pendency of any dispute arising out of refinancing of loan;

### **Depreciation**

- 9.14 The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission.
- 9.15 The salvage value of the asset (excluding IT equipments and Software's) shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset. The salvage value for IT equipments and Software's shall be considered as NIL and 100% value of the assets shall be considered depreciable.

- 9.16 Land other than land held under lease 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.
- 9.17 Depreciation shall be calculated annually based on ‘**Straight Line Method**’ and at rates as specified in **Appendix-II** to these Regulations.
- 9.18 Assets fully depreciated shall be shown separately. 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.
- 9.19 The balance depreciable value as on the date of transfer shall be worked out by deducting the cumulative depreciation from the gross depreciable value of the assets appearing in the books of accounts of the Power System Operation Company for the SLDC as on the date of transfer.

**Operation and Maintenance Expenses (excluding human resource expenses)**

- 9.20 Operation and maintenance expenses (excluding human resource expenses) shall be derived on the basis of actual operation and maintenance expenses for the years 2005-06 to 2009-10 of the STU/Power System Operation Company, based on the audited balance sheets. The O&M expenses shall be normalized by excluding abnormal operation and maintenance expenses, donation, loss-in-stock, prior-period adjustments, claims and advances written-off, provisions, etc, if any, after prudence check by the Commission.
- 9.21 The normalised operation and maintenance expenses excluding human resources expenses after prudence check, for the financial years 2005-06 to 2009-10, of the STU/ Power System Operation Company shall be escalated at the rate of 6.60% to arrive at the normalised operation and maintenance expenses at the 2009-10 price level respectively and then averaged to arrive at normalized average operation and maintenance expenses for financial years 2005-06 to 2009-10 at 2009-10 price level. The averaged normalized operation and maintenance expenses at 2009-10 price level shall be escalated at the rate of 6.60% to arrive at the operation and maintenance expenses for year 2011-12. The escalation factor of 6.60% considered is based on the average escalation during last five years (2005-06 to 2009-10) considering 60% weightage for WPI and 40% for CPI:
- 9.22 The operation and maintenance expenses for the year 2011-12 shall be escalated further at the rate of 6.60% per annum to arrive at permissible operation and maintenance expenses for the subsequent years of the tariff period.

**Human resource expenses**

- 9.23 Human resource expenses shall be derived on the basis of actual human resource expenses for the years 2005-06 to 2010-11 of the STU/ Power System Operation Company, based on the audited balance sheets.

- 9.24 The human resource expenses shall be normalized by excluding abnormal human resource expenses, ex-gratia, VRS expenses, prior-period adjustments, claims and advances written-off, provisions, etc, if any, after prudence check by the Commission.
- 9.25 The normalised human resource expenses after prudence check, for the financial years 2005-06 to 2009-10, of the STU/ Power System Operation Company shall be escalated at the rate of 6.60% to arrive at the normalised human resource expenses at the 2009-10 price level respectively and then averaged to arrive at normalized average human resource expenses for financial years 2005-06 to 2009-10 at 2009-10 price level. The averaged normalized human resource expenses at 2009-10 price level shall be escalated at the rate of 6.60% to arrive at the human resource expenses for year 2011-12. The escalation factor of 6.60% considered is based on the average escalation during last five years (2005-06 to 2009-10) considering 60% weightage for WPI and 40% for CPI:
- Provided that human resource expenses for the year 2009-10 shall be further rationalized considering 50% increase in employee cost on account of pay revision of the employees to arrive at the permissible operation and maintenance expenses for the year 2009-10.
- 9.26 The human resource expenses for the year 2010-11 shall be escalated further at the rate of 6.60% per annum to arrive at permissible human resource expenses for the subsequent years of the tariff period.

### **Interest on Working Capital**

- 9.27 The working capital shall cover:
- (i) Operation and maintenance expenses excluding human resource expenses for one month;
  - (ii) Human resource expenses for one month; and
  - (iii) Receivables equivalent to two months of the system operation charges and market operation charges as approved by the Commission.
- 9.28 Rate of interest on working capital during Transition period shall be on normative basis and shall be equal to the short-term Prime Lending Rate of State Bank of India as on (i) April 1, 2011 or April 1 of the year in which the System is declared under commercial operation, whichever is later for FY2011-12 and (ii) April 1, 2012 or April 1 of the year in which the System is declared under commercial operation, whichever is later for FY2012-13.

During Control Period rate of interest on working capital shall be on normative basis and shall be equal to the short-term Prime Lending Rate of State Bank of India as on April 1, 2013 or April 1 of the year in which the System, is declared under commercial operation.

9.29 Interest on working capital shall be payable on normative basis notwithstanding that the Power System Operation Company has not taken any loan for working capital from any outside agency.

## **A10: LEVY AND COLLECTION OF FEES AND CHARGES**

- 10.1 Power System Operation Company/SLDC shall collect the fees and charges, as determined under these Regulations.
- 10.2 Power System Operation Company/SLDC shall be entitled to levy and collect registration fees and charges from the users and power exchanges as specified in these Regulations.
- 10.3 Power System Operation Company/SLDC shall be entitled to levy and collect fees and charges for any other services rendered to the users and power exchanges as specified in any other Regulations.
- 10.4 Annual charges towards system operation function shall comprise 80% of the annual charges. Annual charges towards market operation function shall comprise the balance 20 % of annual charges.
- 10.5 The ratio of allocation of annual charges to system operation charges and market operation charges may be reviewed by the Commission from time to time.
- 10.6 System operation charges and market operation charges shall be determined by adding up the allocated and/or apportioned amount of various components of the annual charges, as specified in clause 10.4 of these Regulations.
- 10.7 The System operation charges shall be collected from the users as per the norms given below:-
- (i) Generating stations and intra-state sellers: 50% of system operation charges; and
  - (ii) Distribution licensees and intra-state buyers: 50% of system operation charges
- 10.8 The system operation charges shall be levied on the intra state transmission licensees on the basis of the ckt -km of the lines owned by them as on the last day of the month prior to billing of the month.
- 10.9 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, as on the last day of the month prior to billing of the month.
- 10.10 The system operation charges from distribution licensees and buyers shall be collected in proportion to the sum of their allocations and contracted capacities, as the case may be, as on the last day of the month prior to billing of the month.
- 10.11 The market operation charges shall be collected equally from all the users except intra state transmission licensees.
- 10.12 All users whose scheduling, metering and energy accounting is to be coordinated by State Load Despatch Centre shall register themselves with the State Load Despatch Centre concerned by filing application in the format prescribed as Appendix-III to these Regulations.

10.13 The application for registration shall be accompanied by a one time fees of Rs 2 lakh. The existing users shall register themselves with the SLDC concerned by filing an application along with the fees of Rs 2 lakh within a month of coming into force of these Regulations.

Provided SLDC has been constituted by the Government of Jharkhand in the state.

10.14 The SLDC, after scrutinizing application and after being satisfied with correctness of the information furnished in the application shall register the Applicant in its register duly intimating the Applicant about its acceptance.

10.15 State Load Despatch Centres shall maintain a list of registered users on its website.

#### **A11: BILLING**

11.1 Bills shall be raised for the system operation charge and market operation charge on monthly basis by the Power System Operation Company/SLDC in accordance with these Regulations, and payments shall be made by the users directly to the Power System Operation Company/SLDC.

11.2 Persistent default in payment of SLDC fee and charges would be brought to the notice of the Commission.

11.3 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.

11.4 For payment of bills through letter of credit on presentation, a rebate of 2% shall be allowed. Where payments are made other than through letter of credit within a period of one month of presentation of bills, a rebate of 1% shall be allowed.

## **CHAPTER IV: PROCEDURE FOR FILING OF ARR**

### **A12: ANNUAL FILINGS FOR THE TRANSITION PERIOD**

- 12.1 The Power System Operation Company/SLDC shall file an application for approval of fees and charges for the financial year as per the timelines specified in Section A18: of these Regulations;
- 12.2 The petition shall include statements containing Aggregate Revenue Requirement (ARR) during the Previous Year, Current Year and Ensuing Year. The information for the Previous Year should be based on audited accounts, if available;
- 12.3 Before making the application, the Applicant shall serve a copy of the application on each user. The Applicant shall post complete application on its website, before making the application to the Commission and shall maintain it on the website till its disposal by the Commission.
- 12.4 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.
- 12.5 The application made shall be supported by affidavit of the person acquainted with the facts stated in the application.
- 12.6 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 one in vernacular language, having circulation in the State, in the same language as of the daily newspaper in which the notice of the application is published, in the formats given in Appendix - I to these Regulations.
- 12.7 The ARR filings shall, inter-alia, contain :
  - (a) The network usage data including the quantum of power handled during the Previous Year, Current Year and forecast for Ensuing Year;
  - (b) Proposals for fees and charges for Ensuing year , and the procedure thereof
  - (c) Proposal for allocation of fees and charges applicable to each of the beneficiaries for the Ensuing Year;
  - (d) Details of Revenue from the fees, and other charges.
    - (a) Annual Capital Investment Plan and estimated budget for the ensuing financial year;

- (b) appropriate capital structure and cost of financing (interest on debt) and return on equity, terms of the existing loan agreements, etc;
- (c) Details of depreciation based on the fair life of the asset and capitalisation schedules;
- (d) Operation and Maintenance (O&M) expenses excluding human resource expenses incurred in the Previous Year, Current Year and forecast of the O&M expenses for the ensuing year;
- (e) Human resource expenses incurred in the Previous Year, Current Year and forecast of the O&M expenses for the ensuing year;

### **A13: MULTI YEAR TARIFF FILING PROCEDURE**

- 13.1 The Multi Year Tariff filing shall be in such form and in such manner as may be decided by the Commission and as per the provisions of Conduct of Business Regulations.
- 13.2 The Applicant shall also submit the Multi Year Tariff filing in electronic format to the Commission.
- 13.3 Before making the application, the Applicant shall serve a copy of the application on each user. The Applicant shall post complete application on its website, before making the application to the Commission and shall maintain it on the website till its disposal by the Commission.
- 13.4 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.
- 13.5 The application made shall be supported by affidavit of the person acquainted with the facts stated in the application.
- 13.6 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 one in vernacular language, having circulation in the State, in the same language as of the daily newspaper in which the notice of the application is published, in the formats given in Appendix – I to these Regulations.
- 13.7 The Power System Operation Company/SLDC shall file petition for the fees and charges to be applicable for the Control Period in accordance with the MYT framework contained in these Regulations failing which:
  - (a) The return on equity shall be zero for entire duration of the Control Period;



13.8 Both 'Beginning of the Control Period filings' and 'Annual filings' as explained below shall be made available by the Licensee in both English and Hindi.

**Beginning of the Control Period Filings**

13.9 The Power System Operation Company/SLDC shall file for the Commission's approval, no later than 1st April of the year preceding the start of the Control Period, a Business plan in accordance with clause 7.4 to 7.11 of these Regulations;

13.10 The Applicant shall file the application for approval of fees and charges for each year of the Control Period consistent with the CAPEX Plan, not less than 120 days before the commencement of the first year of the Control Period or such other date as may be directed by the Commission.

13.11 The filings for the SLDC fees and charges shall contain the following:

- (a) The network usage forecast for each year of the Control Period, consistent with the Business Plan;
- (b) Estimated budget for the Control Period;
- (c) Proposals for fees and charges for each year of the Control Period, and the procedure thereof;
- (d) Proposal for allocation of fees and charges applicable to each of the beneficiaries for the Control Period; and
- (e) Expected revenue from the fees and charges.

**Annual Filings for the Control Period**

13.12 The Power System Operation Company/SLDC shall submit periodic returns as may be specified, containing operational and cost data to enable the Commission to monitor the implementation of its MYT order.

13.13 The Power System Operation Company/SLDC shall submit to the Commission annual statements of its performance and accounts including latest report of audited accounts.

**A14: DISPOSAL OF APPLICATION**

14.1 The Commission shall process the filings made by the Power System Operation Company/SLDC in accordance with these Regulations and the Conduct of Business Regulations.

14.2 Based on the Power System Operation Company/SLDC filings, objections/suggestions from public and other stakeholders, the Commission may accept the application with such modifications and/or such conditions as may be deemed just and appropriate and issue, within 120 days of the receipt of the application and after considering all suggestions and objections from public and other stakeholders, an Order containing inter alia:

(a) **Transition period:** Trued up cost components for the previous years, revised estimate for the Current year and determination of fees and charges for the ensuing year.

(b) **Control Period:** Trued up cost components for the year preceding the base year, estimation of parameters for the Base Year and determination of fees and charges for each year of the Control Period. The Order shall also contain the approved Business plan for the Control Period.

## **A15: PERIODIC REVIEWS**

### **Review during Control period**

15.1 To ensure smooth implementation of the Multi Year Tariff (MYT) framework, the Commission may undertake periodic reviews of Power System Operation Company/SLDC performance during the Control Period, to address any practical issues, concerns or unexpected outcomes that may arise.

15.2 The Power System Operation Company/SLDC shall submit information as part of annual performance review. This shall include annual statements of its performance and accounting statements and the fees and charges worked out in accordance with these Regulations.

15.3 During the Annual Performance Review, the Commission shall monitor the year wise progress of the actual capital expenditure incurred by the Power System Operation Company/SLDC vis-à-vis the approved capital expenditure. Power System Operation Company/SLDC shall submit the actual capital expenditure incurred along with the Annual Performance Review Filing.

15.4 In case during the Annual Performance Review, the cumulative (up to the current year starting from first year of the control period) actual capital expenditure incurred is less than by 10% of the cumulative approved capital expenditure, the Commission shall true-up the costs incidental to the actual capital expenditure in the current year and remaining years of the control period.

15.5 The Commission may also direct any modifications to the forecast of the Power System Operation Company/SLDC for the remainder of the Control Period, with detailed reasons for the same.

### **Review at the end of the Control Period**

- 15.6 Towards the end of the Control Period, the Commission shall seek to review if the implementation of the principles laid down in these Regulations has achieved their intended objectives. While doing this, the Commission shall take into account, among other things, the industry structure, sector requirements, consumer and other stakeholder expectations and Applicant's requirements at that point in time. Depending on the requirements of the sector to meet the objects of the Act, the Commission may revise the principles for the second Control Period.
- 15.7 The end of the first Control Period shall be the beginning of the second Control Period and the Power System Operation Company/SLDC shall follow the same procedure unless required otherwise by the Commission. The Commission shall analyse the performance of the Power System Operation Company/SLDC and based on the actual performance and other factors prevalent, determine the initial values for the next Control Period.

### **A16: TRUING UP**

#### **True-Up for the Period before Transition period**

- 16.1 Performance review and adjustment of variations of the Power System Operation Company/SLDC for years before the Transition Period shall be considered during the Transition Period.

#### **True-Up for the Transition period**

- 16.2 Performance review and adjustment of variations of the Power System Operation Company/SLDC for the year covered under the Transition Period shall be considered during the Control Period.

#### **True-Up for the Control Period**

- 16.3 The true-up for the Control Period shall be as per clause 7.14 of these Regulations.

## **A17: MISCELLANEOUS PROVISION**

### **Issue of Orders and Practice Directions**

- 17.1 Subject to the provision of the Act and these Regulations, the Commission may, from time to time, issue Orders and Practice directions in regard to the implementation of these Regulations and procedure to be followed on various matters, which the Commission has been empowered by these Regulations to direct, and matters incidental or ancillary thereto.
- 17.2 Notwithstanding anything contained in these Regulations, the Commission shall have the authority, either suo motu or on a petition filed by any interested or affected party, to determine the tariff of any Applicant.

### **Power to remove difficulties**

- 17.3 In case of any difficulty in giving effect to any of the provisions of this Regulation, the Commission may by general or special order, issue appropriate directions to Generators, Transmission Licensee(s), Distribution Licensee(s) etc., to take suitable action, not being inconsistent with the provisions of the Act, which appear to the Commission to be necessary or expedient for the purpose of removing the difficulty.
- 17.4 The generators, Licensees may make an application to the Commission and seek suitable orders to remove any difficulties that may arise in implementation of these Regulations.

### **Power of relaxation**

- 17.5 The Commission may in public interest and for reasons to be recorded in writing, relax any of the provision of these Regulations.

### **Power to amend**

- 17.6 The Commission may from time to time add, vary, alter, suspend, modify, amend or repeal any provisions of this Regulation.

### **Savings**

- 17.7 Nothing in these Regulations shall be deemed to limit or otherwise affect the inherent power of the Commission to make such orders as may be necessary to meet the ends of justice or to prevent abuses of the process of the Commission.
- 17.8 Nothing in this Regulations shall bar the Commission from adopting in conformity with the provisions of the Act a procedure, which is at variance with any of the provisions of these Regulations, if the Commission, in view of the special circumstances of a matter or class of matters and for reasons to be recorded in writing, deems it necessary or expedient for dealing with such a matter or class of matters.

17.9 Nothing in these Regulations shall, expressly or impliedly, bar the Commission dealing with any matter or exercising any power under the Act for which no Regulations or Regulations have been framed, and the Commission may deal with such matters, powers and functions in a manner it thinks fit.

**(By order of the Commission)**

**(A.K. Mehta)**

**Secretary**

**Jharkhand State Electricity Regulatory Commission**

## A18: SUMMARY OF TIMELINES

S. No.	Description	Filing of the Document by	Obtaining additional information and acceptance by the Commission	Approval of the Document
1.	Annual ARR Petition for FY 2011-12, first year of the Transition Period	1 <sup>st</sup> November 2010	Within 30 days of filing of document	Within 120 days of acceptance of the filing
2.	Annual ARR Petition for 2012-13, second year of the Transition Period	1 <sup>st</sup> November 2011	Within 30 days of filing of document	Within 120 days of acceptance of the filing
3.	Business Plan for the Control Period	1 <sup>st</sup> April 2012	Within 30 days of filing of document	Within 45 days of acceptance of the filing
4.	Filing of MYT Petition for the Control Period FY 2013-14 to FY 2015-16.	1 <sup>st</sup> November 2012	Within 30 days of filing of document	Within 120 days of acceptance of the filing
5.	ARR Filing for True Up of FY 2012-13.	1 <sup>st</sup> November 2013	Within 30 days of filing of document	Within 120 days of acceptance of the filing
6.	Annual Performance Review	1 <sup>st</sup> November of each year of the Control Period	Within 30 days of filing of document	Within 120 days of acceptance of the filing

## Appendix-I

(in compliance of clause 12.6 and 13.6 of these Regulations)

**Name of the Applicant (in Bold Letters)**

**(Registered Office Address)**

1. The applicant above-named has made an application before the Jharkhand State Electricity Regulatory Commission, for determination of fees and charges for [Give name of the applicant].
2. The users of the SLDC are:
  - a
  - b
  - c
3. Approved capital cost of the project (Rs. in lakh):
  - a Original:
  - b Final (Revised):
4. Authority which has approved the Capital Cost:
5. Scheduled date of commercial operation:
  - a Original:
  - b Final (Revised):
6. Actual date of commercial operation:
7. Capital cost on the date of commercial operation (Rs. in lakh):
8. Details of tariff (Publish only applicable portion):

	Year wise tariff sought to be determined (Rs in lakhs)					
	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
<b>SLDC</b>						

9. A copy of the application made for determination of tariff 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, Jharkhand State Electricity Regulatory Commission, 2nd Floor, Rajendra Bhawan, Main Road, Ranchi-1, with a copy to the applicant within 30 days of publication of this notice.

Place: -----

Name and Designation of the Authorised Signatory

Date: -----



## Appendix-II

### Depreciation Schedule

S. No	Asset Particulars	Depreciation Rate (Salvage value=10%)
		SLM
A	Land owned under full ownership	0.00%
B	Land under lease	
(a)	For investment in land	3.34%
(B)	For cost of clearing site	3.34%
C	Other Assets	
(a)	Building and civil engineering works	
(i)	Offices & residential	1.63%
(ii)	Containing plants and equipments	3.34%
(iv)	Temporary erection such as wooden structures	3.34%
(v)	Roads other than kutchha roads	100%
(vi)	Others	1.63%
(b)	Transformers, kiosk, sub-station equipment & other fixed apparatus (including plant foundation)	
(i)	Transformers including foundations having a rating of 100 kilo volt amperes and over	5.28%
(ii)	Others	5.28%
(c)	Switchgear, including cable connections	5.28%
(d)	Lightning arrestors:	
(i)	Station type	5.28%
(ii)	Pole type	5.28%
(iii)	Synchronous condenser	5.28%
(e)	Batteries	5.28%
(i)	Underground cable including joint boxes and disconnected boxes	5.28%
(ii)	Cable duct system	3.34%
(f)	Overhead lines including cable support systems	
(i)	Lines on fabricated steel operating at terminals voltages higher than 66 kV	3.34%
(ii)	Lines on steel supports operating at terminal voltages higher than 13.2 kV but not exceeding 66 kV	5.28%
(iii)	Lines on steel or reinforced concrete supports	5.28%
(iv)	Lines on treated wood supports	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 furnishings	6.33%
(ii)	Office equipments	6.33%
(iii)	Internal wirings 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%

S. No	Asset Particulars	Depreciation Rate (Salvage value=10%)
(l)	Communication equipment	
(i)	Radio and higher frequency carrier systems	6.33%
(ii)	Telephone lines and telephones	6.33%
(m)	IT Equipments	15.00%
(n)	Software	30.0%
(r)	Any other assets not covered above	5.28%

**Appendix-III**

**(in compliance of clause 10.12 of the Regulations)**

1. Name of the entity (in bold letters):

2. Registered office address:

3. User category:

(i) Generating Station

(ii) Seller

(iii) Buyer

(iv) Transmission Licensee

(v) Distribution Licensee

4. User details (as on 31st March of last financial year):

**(i). Category – Generating Station**

a Total Installed Capacity: -----

b Maximum Contracted Capacity (MW) using Intra State Transmission System: -----  
--

c Points of connection to the Intra State Transmission System:

S. No.	Point of connection	Voltage level (kV)	Number of Special Energy Meters (Main) installed at this location

**(ii). Category- Seller/ Buyer/ Distribution Licensee**

a Maximum Contracted Capacity (MW) using Intra State Transmission System: -----  
--

b Points of connection to the Intra State Transmission System:

S. No.	Point of connection	Voltage level (kV)	Number of Special Energy Meters (Main) installed at this location

(iii). Category- Transmission Licensee

a Sub-stations

S. No.	Sub-station name	Number of transformer	Total Transformation capacity or Design MVA handling capacity if switching station

b Transmission lines

S. No.	Voltage level (kV)	Number of transmission lines	Total Circuit - Kilometers

11. Contact person(s) details for meters related to SLDC:

(i). Name:

(ii). Designation:

(iii). Landline Telephone No.:

(iv). Mobile No.:

(v). E-mail address:

(vi). Postal address:

The above information is true to the best of my knowledge and belief.

Signature of Authorised Representative

Place:-----

Name:

Date: -----

Designation:

Contact No.: