UTTARAKHAND SHASAN

Uttarakhand Electricity Regulatory Commission

Institution of Engineers (I) Building, 1st Floor, Near ISBT, Majra, Dehradun

Notification 19.12,2011

No. F 9(25)/RG/UERC/2011/1263: In exercise of powers conterred under section 61 read with section 181 of the Electricity Act, 2003, and all other powers enabling it in this behalf, and after previous publication, the Uttarakhand Electricity Regulatory Commission hereby makes the following regulations, namely:

PART I PRELIMINARY

1. Short Title, extent and Commencement

- (1) These Regulations shall be called the Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2011, in short, UERC Tariff Regulations, 2011.
- (2) These Regulations shall extend to the whole of the State of Uttarakhand.
- (3) These Regulations shall be applicable for determination of tariff in all cases covered under these Regulations from FY 2013-14, i.e., April 1, 2013 onwards up to FY 2015-16 i.e. March 31, 2016. However, for all purposes including the review matters pertaining to the period till FY 2012-13, the issues related to determination of tariff shall be governed by following Regulations including amendments thereto:
 - a) UERC (Terms and Conditions for Determination of Hydro Generation Tariff) Regulations, 2004 as amended from time to time.
 - b) UERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2004 as amended from time to time.
 - UERC (Terms and Conditions for Determination of Distribution Tariff) Regulations,
 2004 as amended from time to time.
 - d) UERC (Terms and Conditions for Truing Up of Tariff) Regulations, 2008.
 - e) UERC (Terms and Conditions for Determining Escalation Factor) Regulations, 2008.

Notwithstanding anything contained in these regulations the Commission shall adopt the
tariffs as may be determined through the process of competitive bidding, under Section 63 of
the Act, in accordance with the competitive bidding guidelines notified by the Central
Government.

3. Definitions

In these Regulations, unless the context otherwise requires,

- (1) "Accounting Statement" means for each financial year, the following statements, namely:--
 - Balance sheet, prepared in accordance with the form contained in Part I of Schedule
 VI to the Companies Act, 1956;
 - b) Cash flow statement, prepared in accordance with the Accounting Standard on Cash Flow Statement (AS-3) of the Institute of Chartered Accountants of India;
 - c) Cost records prescribed by the Central Government under Section 209(1) (d) of the Companies Act, 1956;
 - d) Together with notes thereto, and such other supporting statements and information as the Commission may direct from time to time;
 - e) Profit and loss account, complying with the requirements contained in Part II of Schedule VI to the Companies Act, 1956;
 - f) Report of the statutory auditors';
 - g) Provided that in case of any local authority engaged in the business of distribution of electricity, the Accounting Statement shall mean the items, as mentioned above, prepared and maintained in accordance with the relevant Acts or Statutes as applicable to such local authority.
- (2) "Act" means the Electricity Act, 2003 (36 of 2003), including amendments thereto;
- (3) "Additional Capitalisation" means the capital expenditure actually incurred or projected to be incurred, after the date of commercial operation of the Project and admitted by the Commission after prudence check subject to provisions of Regulation 24;
- (4) "Aggregate Revenue Requirement" means the requirement of the Transmission Licensee or the Distribution Licensee or Generating Company or SLDC for recovery, through tariffs, of all the allowable expenses and return pertaining to his Licensed/Regulated Business for a particular financial year, in accordance with these Regulations;

- (5) "Allocation Statement" means for each financial year, a statement in respect of each of the separate businesses of the Licensee/Generating Company, showing the amounts of any revenue, cost, asset, liability, reserve or provision, which has been either;
 - a) Charged from or to each such separate business together with a description of the basis of that charge; or
 - b) Determined by apportionment or allocation between the Licensed/Regulated Business and every other separate business of the Licensee/Generation Company, together with a description of the basis of the apportionment or allocation;
 - Provided that such allocation statement in respect of a generating station shall be maintained in a manner so as to enable tariff determination, stage-wise, unit-wise or for the whole generating station.
- (6) "Applicant" means a Generating Company or a Transmission Licensee or a Distribution Licensee or SLDC who has made an application/Petition for determination of Aggregate Revenue Requirement and/or tariff or an application for Annual Performance Review in accordance with the Act and these Regulations and includes a Generating Company or a Transmission Licensee or a Distribution Licensee or SLDC whose tariff is the subject of a review by the Commission either suo motu or on a petition filed by any interested or affected person or as part of an Annual Performance Review;
- (7) "Auditor" means an auditor appointed by the generating company or licensee, as the case may be, in accordance with the provisions of Sections 224, and 619 of the Companies Act, 1956 (1 of 1956), or any other law for the time being in force;
- (8) "Auxiliary Energy Consumption" in relation to a period, in case of generating station means the quantum of energy consumed by auxiliary equipment of the generating station, and transformer losses within the generating stations and shall be expressed as a percentage of the sum of gross energy generated at the generator terminals of all the units of the generating station:
 - Provided that the colony consumption of a Generating Station shall not be included as part of the Auxiliary Energy Consumption for the purpose of these Regulations.
- (9) "Availability" in relation to a transmission system for a given period means the time in hours during that period in which the transmission system is capable of transmitting electricity at its rated voltage to the delivery point and shall be expressed in percentage of total hours in the given period;

- (10) "Bank rate" means the bank rate of Reserve Bank of India as on April 1, of the relevant year;
- (11) "Base year" means the two financial years immediately preceding the first year of the control period and for first Control Period, base year shall be FY 2011-12;
- (12) "Beneficiary" in relation to a generating station means a person purchasing electricity generated at such generating station whose tariff is determined under these Regulations.; "Beneficiary" in relation to transmission business means the person who has contracted the transmission capacity on payment of transmission charges;
- (13) "Block" in relation to a combined cycle thermal generating station includes combustion turbine – generators, associated waste heat recovery boilers, connected steam turbine – generators and auxiliaries;
- (14) "Capital Cost" means the Capital Cost as defined in Regulation 23;
- (15) "CERC" means the Central Electricity Regulatory Commission;
- (16) "Change in law" means occurrence of any of the following events:
 - The enactment, bringing into effect, adoption, promulgation, amendment, modification or repeal of any law; or
 - b) Change in interpretation of any law by a competent court, Tribunal or Indian Governmental Instrumentality which is the final authority under law for such interpretation; or
 - c) Change by any competent statutory authority, in any consent, approval or licence available or obtained for the project.
- (17) "Commission" shall mean the Uttarakhand Electricity Regulatory Commission;
- (18) "Contracted Power" means the power in MW which the Applicant has agreed to transmit/wheel/supply, as per agreement;
- (19) "Control period" means a period comprising one or more financial years, as may be stipulated by the Commission, for submission of forecast and shall be three years for the First Control Period, i.e. from April 1, 2013 to March 31, 2016;
- (20) "Conventional Power Plants" means lignite, coal or gas based thermal, or hydro generating stations of capacity of 25 MW and above;
- (21) "Cut-off Date" means 31st March of the year closing after two years of the year of commercial operation of the project, and in case the project is declared under commercial

operation in the last quarter of a year, the cut-off date shall be 31st March of the year closing after three years of the year of commercial operation;

(22) "Date of commercial operation" or 'COD' means:

- a) In relation to a unit or block of the thermal generating station, the date declared by the generating company after demonstrating the maximum continuous rating (MCR) or the installed capacity (IC) through a successful trial run after notice to the beneficiaries, from 0000 hour of which scheduling process as per the Indian Electricity Grid Code (IEGC) and /or UERC (State Grid Code) Regulations, 2007 is fully implemented, and in relation to the generating station as a whole, the date of commercial operation of the last unit or block of the generating station;
- b) In relation to a unit of hydro generating station, the date declared by the Generating Company from 0000 hour of which, after notice to the beneficiaries, scheduling process in accordance with the Indian Electricity Grid Code and /or UERC (State Grid Code) Regulations, 2007 is fully implemented, and in relation to the generating station as a whole, the date declared by the Generating Company after demonstrating peaking capability corresponding to installed capacity of the generating station through a successful trial run, after notice to the beneficiaries:

Note

- i. In case the hydro generating station with pondage or storage is not able to demonstrate peaking capability corresponding to the installed capacity for the reasons of insufficient reservoir or pond level, the date of commercial operation of the last unit of the generating station shall be considered as the date of commercial operation of the generating station as a whole, provided that it will be mandatory for such hydro generating station to demonstrate peaking capability equivalent to installed capacity of the generating unit or the generating station as and when such reservoir /pond level is achieved.
- ii. In case of purely run-of-river hydro generating station if the unit or the generating station is declared under commercial operation during lean inflows period when the water is not sufficient for such demonstration, it shall be mandatory for such hydro generating station or unit to demonstrate peaking capability equivalent to installed capacity as and when sufficient inflow is available.

c) In relation to the transmission system, the date declared by the Transmission Licensee from 0000 hour of which an element of the transmission system is in regular service after successful charging at rated voltage and after trial operation:

Provided that the date shall be the first day of a calendar month and transmission charge for the element shall be payable and its availability shall be accounted for, from that date:

Provided further that in case an element of the transmission system is ready for regular service but is prevented from providing such service for reasons not attributable to the Transmission Licensee, its suppliers or contractors, the Commission may approve the date of commercial operation prior to the element coming into regular service.

d) In case of a Distribution Licensee, means the date of charging the electric line or substation of a Distribution Licensee to its rated voltage level or seven days after the date on which it is declared ready for charging by the Distribution Licensee, but not able to charge for reasons not attributable to its suppliers or contractors, whichever is earlier:

Provided that the date of commercial operation shall not be a date prior to the scheduled date of commercial operation mentioned in power purchase agreement or the implementation agreement or the transmission service agreement or wheeling agreement or the investment approval, as the case may be, unless mutually agreed to by all Parties,

- (23) "Day" means the 24 hour period starting at 0000 hour;
- (24) "Declared Capacity" or "DC" in relation to a generating station means, the capability to deliver ex-bus electricity in MW declared by such generating station in relation to any time-block of the day or whole of the day, duly taking into account the availability of fuel or water, and subject to further qualification in the relevant Regulation;
- (25) "Design Energy" means the quantum of energy which can be generated in a 90% dependable year with 95% installed capacity of the hydro generating station;
- (26) "Distribution Business" means the business of operating and maintaining a distribution system for supplying electricity in the area of the supply of the Distribution Licensee;
- (27) "Distribution loss" means the energy losses in the distribution system of a distribution licensee including auxiliary power consumption in the sub-station for the purpose of

- air-conditioning, lightning, battery charging, accessories of sub-station equipments etc and shall be accounted for separately;
- (28) "Existing Generating Station" means a generating station, which has achieved COD prior to the date of notification of these Regulations;
- (29) "Existing project" means the project declared under commercial operation from a date prior to the date of notification of these Regulations;
- (30) "Expected Revenue from Tariff and Charges" means the revenue estimated to accrue to the Licensee/Generating Company/SLDC from the Licensed/Regulated Business at the prevailing tariffs;
- (31) "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 or liabilities for which no payment has been released;
- (32) "Financial year" means a period commencing on 1st April of a calendar year and ending on 31st March of the subsequent calendar year;
- (33) "Force Majeure Event" means, with respect to any party, any event or circumstance which is not within the reasonable control of, or due to an act or omission of, that party and which, by the exercise of reasonable care and diligence, that party is not able to prevent, including, without limiting the generality of the foregoing:
 - a) acts of God, including but not limited to lightning, storm, action of the elements, earthquakes, flood, drought and natural disaster;
 - b) strikes, lockouts, go-slow, bandh or other industrial disturbances;
 - c) acts of public enemy, wars (declared or undeclared), blockades, insurrections, riots, revolution, sabotage, vandalism and civil disturbance;
 - d) unavoidable accident, including but not limited to fire, explosion, radioactive contamination and toxic dangerous chemical contamination;
 - e) any shutdown or interruption of the grid, which is required or directed by the State
 or Central Government or by the Commission or the State Load Despatch Centre;
 and any shut down or interruption, which is required to avoid serious and
 immediate risks of a significant plant or equipment failure;
- (34) "Generation Business" means the business of production of electricity from a generating station;

- (35) "Generation Tariff" means tariff for ex- bus supply of electricity from a generating station;
- (36) "Gross Calorific Value" in relation to a thermal generating station means the heat produced in kcal by complete combustion of one kilogram of solid fuel or one litre of liquid fuel or one standard cubic metre of gaseous fuel, as the case may be;
- (37) "Gross Station Heat Rate" means the heat energy input in kcal required to generate one kWh of electrical energy at generator terminals of a Thermal Generating Station;
- (38) "Infirm Power" means electricity generated prior to commercial operation of the Unit of the generating station;
- (39) "Installed Capacity" means the summation of the name plate capacities of all the Units of the generating station or the capacity of the generating station (reckoned at the generator terminals) as approved by the Commission from time to time;
- (40) "Interconnection Point" means a point at EHV substation of Transmission Licensee or HV sub-station of Distribution Licensee, as the case may be, where the electricity produced from the generating station is injected into the Uttarakhand Grid or the point of interconnection between the transmission network and distribution network;
- (41) "Inter-State generating station" or "ISGS" has the meaning as assigned in the Indian Electricity Grid Code specified by the Central Commission;
- (42) "Inter-State transmission system" includes
 - a) Any system for the conveyance of electricity by means of main transmission line from the territory of one State to another State;
 - The conveyance of electricity across the territory of an intervening State as well as conveyance within the State which is incidental to such inter-State transmission of electricity;
 - c) The transmission of electricity with in the territory of a State on a system built, owned, operated, maintained or controlled by a Central Transmission Utility.
- (43) "Intra-State generating station" shall mean a generating station or a captive generating plant (CGP) which is not an Inter-State generating station;
- (44) "Intra-State transmission system" means any system for conveyance of electricity by transmission lines within the area of the State, other than "inter-state transmission system" as defined above, and includes all transmission lines, sub-stations and associated equipment of the transmission licensees in the State;

- (45) "Licensee" any person who has been granted licence under Section 14 of the Electricity Act 2003 and includes a person deemed to be a licensee under the above Section of the Act;
- (46) "Long-term transmission customer' means a person having a long-term contractual right to use Intra-State transmission system by paying transmission charges;
- (47) "Maximum Continuous Rating" or 'MCR' in relation to a unit of the thermal generating station means the maximum continuous output at the generator terminals, guaranteed by the manufacturer at rated parameters, and in relation to a Block of a combined cycle thermal generating station means the maximum continuous output at the generator terminals, guaranteed by the manufacturer with water or steam injection (if applicable) and corrected to 50 Hz grid frequency and specified site conditions;
- (48) "New Generating Station" means a generating station with a COD on or after the date of notification of these Regulations;
- (49) "Non-Tariff Income" means income other than from income from tariff derived by use of assets of core business and may include proportion of income from other business and, in case of the Retail Supply Business of a Distribution Licensee, excluding income from wheeling and receipts on account of cross-subsidy surcharge and additional surcharge on charges of wheeling;
- (50) "Normative Annual Plant Availability Factor" or "NAPAF" in relation to a thermal generating station means the availability factor specified in Regulation 48 (1) and in relation to a hydro generating station means the availability factor specified in Regulation 51(1);
- (51) "Operation and maintenance expenses" or 'O&M expenses' means the expenditure incurred on operation and maintenance and includes the expenditure on manpower, repairs, spares, consumables, insurance and overheads;
- (52) "Original project cost" means the capital expenditure incurred by the Generating Company or the Licensee, as the case may be, within the original scope of the project up to the cut-off date as admitted by the Commission;
- (53) "Other Business" means any business engaged in by a Transmission Licensee under Section 41 of the Act or by a Distribution Licensee under Section 51 of the Act for optimum utilization of the assets of such Transmission Licensee or of such Distribution Licensee;
- (54) "Plant Availability Factor (PAF)" in relation to a generating station for any period means the average of the daily declared capacities (DCs) for all the days during that period expressed

as a percentage of the installed capacity in MW, reduced by the normative auxiliary energy consumption;

- (55) "Project" means a Generating station or the Transmission system or the Distribution system, as the case may be, and in case of a hydro generating station includes all components of generating facility such as dam, intake water conductor system, power generating station and generating units of the scheme, as apportioned to power generation;
- (56) "Rated Voltage" in relation to a transmission or distribution system means the design voltage at which the transmission or distribution system is designed to operate or such lower voltage at which the line is charged, for the time being, in consultation with long-term transmission customers or Users;
- (57) "Retail Supply Business" means the business of sale of electricity by a Distribution Licensee to his consumers in accordance with the terms of his licence;
- (58) "Run-of-river generating station" means a hydro generating station which does not have upstream pondage;
- (59) "Run-of-river generating station with pondage" means a hydro generating station with sufficient pondage for meeting the diurnal variation of power demand;
- (60) "Retail Supply Tariff" is the rate charged by the Distribution Licensee for supply to Non-open access Customers/consumers which includes charges for Wheeling and Retail Supply;
- (61) "Scheduled energy" means the quantum of energy scheduled by the concerned Load Despatch Centre to be injected into the grid by a generating station over a day;
- (62) "Scheduled generation" or "SG" at any time or for any period or time-block means schedule of generation in MW or MWh ex-bus, given by the concerned Load Despatch Centre;

NOTE

For the open cycle gas turbine generating station or a combined cycle generating station if the average frequency for any time-block, is below 49.52 Hz but not below 49.02 Hz and the scheduled generation is more than 98.5% of the declared capacity, the scheduled generation shall be deemed to have been reduced to 98.5% of the declared capacity, and if the average frequency for any time-block is below 49.02 Hz and the scheduled generation is more than 96.5% of the declared capacity, the scheduled generation shall be deemed to have been reduced to 96.5% of the declared capacity.

- (63) "Small gas turbine generating station" means and includes open cycle gas turbine or combined cycle generating stations with gas turbines in the capacity range of 50 MW or below;
- (64) "State Load Despatch Centre" or 'SLDC' means the centre established by the State Government for purposes of exercising the powers and discharging the functions under Section 31 of the Act;
- (65) "Storage type power station" means a hydro power generating station associated with large storage capacity to enable variation in generation of electricity according to demand;
- (66) "Tariff" means the schedule of charges for generation, transmission, wheeling and supply of electricity together with terms and conditions for application thereof;
- (67) "Tariff period" means the period for which tariff or the Aggregate Revenue Requirement is determined by the Commission under these Regulations;
- (68) "Time Block" means a block of 15 minutes starting from 00.00 hrs, unless the context requires otherwise;
- (69) "Trading Business" means the business of purchase of electricity by the Trading Licensee or Distribution Licensee for resale of electricity to other Licensee or consumers or category of consumers outside the area of supply of the Distribution Licensee;
- (70) "Transmission Business" means the business of establishing or operating transmission lines;
- (71) "Transmission Loss" means the energy losses in the transmission system of a Transmission Licensee. Auxiliary power consumption in the sub-station for the purpose of air-conditioning, lighting, battery charging, accessories of sub-station equipments, etc., shall be billed and considered as part of repair & maintenance expenses;
- (72) "Transmission Service Agreement" means the agreement, contract, memorandum of understanding, or any such covenants, entered into between the Transmission Licensee and the user of the transmission service/lines;
- (73) 'Transmission system' means a line or a group of lines with or without associated substation, and includes equipment associated with transmission lines and sub-stations;
- (74) "Unit" in relation to a thermal generating station other than combined cycle thermal generating station means steam generator, turbine-generator and auxiliaries, or in relation

- to a combined cycle thermal generating station, means turbine-generator and auxiliaries; and in relation to a hydro generating station means turbine-generator and its auxiliaries;
- (75) "Unscheduled interchange" (UI) means unscheduled interchanges as defined in Indian Electricity Grid Code;
- (76) "Useful life" in relation to a unit of a generating station and transmission system from the COD shall mean the following, namely:-
 - a) Hydro generating station 35 years
 - b) Coal/Lignite based thermal generating station 25 years
 - c) Gas/Liquid fuel based thermal generating station 25 years
 - d) Transmission line 35 years
 - e) Distribution line and distribution systems 35 years
- (77) "User" means a Transmission or Distribution Licensee, a Generating Company, a person who has set up a captive generating plant or a consumer availing open access, utilizing the transmission system of a Transmission Licensee or distribution system of a Distribution Licensee;
- (78) "Wheeling" means the operation whereby the distribution system and associated facilities of a Distribution Licensee, are used by another person for the conveyance of electricity on payment of charges to be determined under Section 62 of the Act;
- (79) "Year" means financial year ending on 31st March, and
 - a) "Current Year" shall mean the year in which the statement of annual accounts or petition for determination of tariff is filed,
 - b) "Previous Year" shall mean the year immediately preceding the current year,
 - c) "Ensuing Year" shall mean the year following the current year.

Words or expressions used in these regulations and not defined herein but defined in the Act shall bear the same meaning as in the Electricity Act, 2003, as amended from time to time.

4. Scope of Regulations

- (1) These Regulations shall apply in respect of the following cases:
 - a) Supply of electricity by a Generating Company to a Distribution Licensee:

Provided that the Commission may, in case of shortage of supply of electricity, fix the minimum and maximum ceiling of tariff for sale or purchase of electricity in pursuance of an agreement, entered into between a Generating Company and a Licensee or between Licensees, for a period not exceeding one year to ensure reasonable prices of electricity;

- b) Intra-State transmission of electricity;
- c) SLDC Charges;
- d) Retail supply of electricity;

Provided that in case of distribution of electricity in the same area by two or more Distribution Licensees, the Commission may, for promoting competition among Distribution Licensees, fix only maximum ceiling of tariff for retail sale of electricity:

Provided further that where the Commission has permitted open access to any category of consumers under section 42 of the Act, the Commission shall determine the wheeling tariff, cross-subsidy surcharge, additional surcharge and other open access related charges in accordance with these Regulations and the Uttarakhand Electricity Regulatory Commission (Terms & Conditions of Intra-State Open Access) Regulations, 2010.

- (2) Notwithstanding anything contained in these Regulations, the Commission shall adopt the tariff if such tariff has been determined through a transparent process of bidding in accordance with the guidelines issued by the Central Government.
- (3) These Regulations shall not apply to renewable sources of energy, which shall be governed by UERC (Tariff and Other Terms for Supply of Electricity Renewable Energy Sources and non-fossil fuel based Co-generating stations) Regulations, 2010 as amended from time to time.
- (4) The following Regulations shall stand repealed after coming into effect of these Regulations:
 - a) UERC (Terms and Conditions for Determination of Hydro Generation Tariff) Regulations, 2004 as amended from time to time.
 - b) UERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2004 as amended from time to time.
 - c) UERC (Terms and Conditions for Determination of Distribution Tariff) Regulations, 2004 as amended from time to time.
 - d) UERC (Terms and Conditions for Truing Up of Tariff) Regulations, 2008.
 - e) UERC (Terms and Conditions for Determining Escalation Factor) Regulations, 2008.

However, for all purposes including the review matters pertaining to the period till the notification of these Regulations, the issues related to determination of tariff shall be governed by the Regulations prevalent during that period.

PART II:

MULTI YEAR TARIFF FRAMEWORK GENERAL PRINCIPLES

5. Multi-year Framework

The Commission shall adopt multiyear tariff framework for approval of ARR and expected revenue from tariffs and charges for the control period. The multiyear tariff framework shall be based on the following: -

- a) Business plan submitted by the applicant for the entire control period for the approval of the Commission prior to the beginning of the control period;
- b) Applicant's forecast of expected ARR for each year of the control period, based on reasonable assumptions and financial & operational principles/parameters laid down under these Regulations submitted alongwith the MYT petition for determination of Aggregate Revenue Requirement and Tariffs for first year of the control period;
- c) Trajectory for specific parameters as may be stipulated by the Commission based on submissions made by the Licensee, actual performance data of the Applicants and performance achieved by similarly placed utilities;
- d) Annual review of performance shall be conducted vis-à-vis the approved forecast and categorization of variations in performance into controllable factors and uncontrollable factors;
- e) Sharing of excess profit or loss due to controllable and uncontrollable factors as per provisions of these Regulations.

6. Control Period

The first Control Period under these Regulations shall be of three (3) financial years; the first application under these Regulations shall be made for the control period of three financial years from April 01, 2013 to March 31, 2016:

Provided that in case any generating station gets commissioned after notification of these Regulations but before commencement of the first Control Period, the Commission may consider, determining the tariff based on the norms as specified for such generating station under these Regulations, under special case through separate Order.

7. Norms of operation to be ceiling norms

The norms of operation specified herein are the ceiling norms and this shall not preclude the Commission from stipulating or the Generating Company, Transmission Licensee, Distribution Licensee, and the Beneficiaries from agreeing to improved norms of operation and in that case such improved norms shall be applicable for determination of tariff.

8. Determination of Baseline

The baseline values (operating and cost parameters) for the base year of the control period shall be determined by the Commission based on historical data, latest audited accounts, estimates for the relevant year and prudence check as may be applied by the Commission:

Provided that in case of substantial difference between the estimates earlier provided / considered for determination of baseline values and the actual audited accounts, the Commission may re-determine the baseline values for the base year *suo-moto* or on an application filed by the Applicant.

9. Business Plan

- (1) An Applicant shall submit, under affidavit and as per the UERC (Conduct of Business) Regulations, 2004, a Business Plan by May 31, 2012, for the Control Period of three (3) financial years from April 1, 2013 to March 31, 2016,
 - The Business Plan for the Generating Company shall be for the entire control period and shall, interalia, contain-
 - (i) Capital investment plan, which shall include details of the investments planned by the Generating Company for existing stations, yearly phasing of capital expenditure alongwith the source of funding, financing plan and corresponding capitalisation schedule. This plan shall be commensurate with R&M schemes and proposed efficiency improvements for various plants of the company.
 - (ii) The capital investment plan shall show separately, on-going projects that will spill over into the years under review, and new projects (along with justification) that will commence in the years under review but may be completed within or beyond the tariff period.
 - (iii) The Generating Company shall submit plant-wise details of the capital structure and cost of financing (interest on debt and return on equity), after considering the

existing market conditions, terms of the existing loan agreements, risks associated in generation business and creditworthiness;

- (iv) Details related to major shut down of machines, if any.
- (v) Trajectory of performance parameters
- b) The Business Plan for the Transmission Licenses shall be for the entire control period and shall, *interalia*, contain-
 - (i) Capital investment plan which should be commensurate with load growth and quality improvement proposed in the business plan. The investment plan should also include yearly phasing of capital expenditure alongwith the source of funding, financing plan and corresponding capitalisation schedule. The system augmentation/expansion plan to be submitted as a part of Capital Investment Plan by the Transmission Licensee shall be consistent with the load growth forecast/ generation evacuation requirement during the control period. Further, the Capital Investment Plan shall be in conformity with the plans made by the CEA/ CTU/ STU/ Distribution Licensee.
 - (ii) The appropriate capital structure of each scheme proposed and cost of financing (interest on debt) and return on equity, terms of the existing loan agreements, etc;
 - (iii) Transmission loss reduction trajectory for each year of the control period, including details of the measures proposed to be taken for achieving the target loss.
- c) The Business Plan for the Distribution Licenses shall be for the entire control period and shall, *interalia*, contain-
 - (i) Sales/demand forecast for each customer category and sub-categories for each year of the control period;
 - (ii) Distribution loss reduction trajectory for each year of the control period; including details of the measures proposed to be taken for achieving the target loss;
 - (iii) Power procurement plan based on the sales forecast and distribution loss trajectory for each year of the business plan period; the power procurement plan may also include energy efficiency and demand side management measures;
 - (iv) Collection efficiency improvement trajectory for each year of the control period;
 - (v) Capital investment plan considering the sales/demand forecast, power procurement plan, distribution loss trajectory, targets for quality of supply, etc. The capital investment plan shall be consistent with the perspective plan drawn by the State Transmission Utility (STU), and the investment plan should also

- include yearly phasing of capital expenditure alongwith the source of funding, financing plan and corresponding capitalisation schedule;
- (vi) The appropriate capital structure of each scheme proposed and cost of financing (interest on debt and return on equity), terms of the existing loan agreements, etc;
- (vii) Details related to availability of power from renewable energy sources and likelihood of complying with the RPO specified by the Commission.
- d) The Business Plan for the State Load Despatch Centre shall be for the entire control period and shall, *interalia*, contain-
 - (i) Capital Investment Plan including phasing of expenditure and funding pattern;
 - (ii) Estimated budget for the control period.
- (2) The Applicant shall also submit the details in respect of its manpower planning for the Control Period as part of Business Plan.
- (3) The Applicant shall, prior to filing of MYT petition, get the Business Plan approved by the Commission.
- (4) The Commission shall scrutinize and approve the business plan after following the due consultation process.

10. Specific Trajectory for Certain Variables

(1) The Commission shall stipulate a trajectory for certain variables having regard to the past performance:

Provided that the variables for which a trajectory shall be stipulated, shall include but not limited to,

a) In case of Generating Stations:

Generating station's availability, station heat rate, secondary oil consumption, auxiliary consumption, transit losses, etc.

b) In case of Transmission Licensee:

Transmission losses, transmission system availability, etc.

c) In case of Distribution Licensee:

Supply availability, wires availability, distribution losses, collection efficiency, etc.

Provided further that this trajectory should provide for sharing of gains and losses with the consumers on account of superior and inferior performance as against the targets defined:

Provided further that the Commission shall review the trajectory at the beginning of each Control Period and consider the performance achieved by the licensee/Generating Company during the last Control Period.

(2) The trajectory stipulated by the Commission in accordance with these Regulations shall be incorporated by the applicant in its MYT Petition.

11. MYT Petition for the Control Period

- (1) The applicant shall submit under affidavit and as per the UERC (Conduct of Business) Regulations, 2004, the forecast of Aggregate Revenue Requirement and expected revenue from tariff for each year of the Control Period, accompanied by fees applicable, latest by 30th November of the year previous to the start of the Control Period in the format prescribed by the Commission.
- (2) Forecast of Aggregate Revenue Requirement for each of the financial year of the Control Period
 - a) For projecting different components of Aggregate Revenue Requirement for each financial year of the Control Period Applicant shall develop a mathematical model. For this purpose applicant may utilize suitable macro-economic variables, market indexes, past year's growth trends etc. Applicant shall further submit a soft copy of the above model with all the formulas and linkages along with its MYT petition and petition for Annual Performance Review and Tariff determination.
 - b) Where, for any Control Period, the applicant seeks to change the methodology for forecasting any components of the Aggregate Revenue Requirement, he shall apply to the Commission for approval of change of methodology along with the rationale thereof and such other details as the Commission may require, at least nine (9) months before the commencement of such Control Period.
- (3) Forecast of expected revenue from tariff and charges

The applicant shall develop mathematical model for projecting the expected revenue from tariff and charges based on the following--

- (i) In the case of a Generating Company, based on prevailing generation tariffs as on the date of making the application and estimates of capacity allocated to Distribution Licensees and Open Access Customers and expected energy generation for each financial year of the Control Period;
- (ii) In the case of a Transmission Licensee, based on prevailing transmission tariffs as on the date of making the application and estimates of transmission capacity allocated to Transmission System Users which includes Open Access Customers for each financial year of the Control Period;
- (iii) In the case of a Distribution Licensee, based on prevailing retail & wheeling tariffs as on the date of making the application and estimates of quantum of electricity supplied to consumers in different categories and wheeled for open access consumers for each financial year of the Control Period;
- (iv) In case of SLDC, based on Fee and Charges as applicable on the date of making the application and allocated transmission capacity to users of intra State Transmission System;
- (v) Applicants shall submit a soft copy of the above model with all the formulas and linkages along with its MYT petition and petition for annual performance review and tariff determination.
- (4) After examining the application, the Commission shall either
 - a) Pass an order approving the forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges for the Control Period, subject to such modifications and conditions as it may specify in the said Order; or
 - Reject the application for reasons to be recorded in writing:
 Provided that the applicant shall be given a reasonable opportunity of being heard before rejecting his application.
- (5) In its MYT Order, the Commission shall specify the variables comprised in the Aggregate Revenue Requirement and expected revenue from tariff and charges of the applicant that shall be reviewed by the Commission as part of the Annual Performance Review:

Provided that such variables shall be limited to the major items of cost and revenue forecast of the applicant that in the Commission's opinion could have a material impact on the cost of supply of electricity to consumers in the State over the Control Period:

Provided further that the variables, as may be stipulated by the Commission under Regulations below, shall form part of the Annual Performance Review, unless exempted by the Commission from such review in its Order.

12. Preparation & submission of Annual Accounts, Reports etc.

- (1) Every Applicant shall prepare annual statement of accounts and also prepare annual reports and statistics, giving an account of its activities during the current and previous year and likely to be undertaken in the remaining years of the MYT Control Period, including the ensuing year. The report of activities shall also indicate targets and achievements in respect of various performance parameters. These reports shall be furnished to the Commission in duplicate, by 30th November every year.
- (2) The Commission may also direct the Applicants to submit to the Commission or such other authority, as it may designate in this behalf, such additional information as the Commission may require for the performance of its functions.
- (3) The Commission at an appropriate time may specify the forms for preparation of separate regulatory accounts.

13. Annual Performance Review

- (1) Under the multi-year tariff framework, the performance of the Generating Company or Transmission and Distribution Licensees or SLDC, shall be subject to an Annual Performance Review.
- (2) The Applicant shall under affidavit and as per the UERC (conduct of Business) Regulations 2004 make an application for Annual Performance Review by November 30th of every year:

Provided that the Applicant shall submit information to the Commission in such form as may be stipulated by the Commission from time to time, together with the Accounting Statements, extracts of books of account and such other details as the Commission may require to assess the reasons for and extent of any variation in financial performance from the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges:

Provided further that the application for Annual Performance Review shall be submitted to and dealt with by the Commission in the manner provided under these Regulations for

- submission of and dealing with an application for determination of tariff within the time limit specified in the Regulations for such application.
- (3) The scope of the Annual Performance Review shall be a comparison of the performance of the Applicant with the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges and shall comprise of following:-
 - a) A comparison of the audited performance of the applicant for the previous financial year with the approved forecast for such previous financial year and truing up of expenses and revenue subject to prudence check including pass through of impact of uncontrollable factors;
 - b) Categorisation of variations in performance with reference to approved forecast into factors within the control of the applicant (controllable factors) and those caused by factors beyond the control of the applicant (un-controllable factors);
 - c) Revision of estimates for the ensuing financial year, if required, based on audited financial results for the previous financial year;
 - d) Computation of the sharing of gains and losses on account of controllable factors for the previous year.
- (4) Upon completion of the review, the Commission shall attribute any variations or expected variations in performance, for variables stipulated under this Regulation, to factors within the control of the applicant (controllable factors) or to factors beyond the control of the applicant (uncontrollable factors):
 - Provided, however, that where the applicant or any interested or affected party believes, for any variable not stipulated while specifying this Regulation, that there is a material variation or expected variation in performance, for any financial year, on account of uncontrollable factors or some new controllable factor, such applicant or interested or affected party may apply to the Commission for inclusion of such variable, at the Commission's discretion, in the review under this Regulation above for such financial year.
- (5) The "uncontrollable factors" shall include the following factors which were beyond the control of, and could not be mitigated by, the applicant, as determined by the Commission. Some examples of uncontrollable factors are as follows:-
 - a) Force Majeure events, such as acts of war, fire, natural calamities, etc.;

- b) Change in law, judicial pronouncements and Orders of the Central Government, State Government or Commission;
- c) Economy wide influences such as unforeseen changes in inflation rate, market interest rates, taxes and statutory levies;
- d) Variation in power purchase expenses for the Distribution Licensees etc.;
- e) Variation in freight rates;
- f) Variation on account of change in hydro-thermal mix due to adverse natural events; and
- g) Variation in number or mix of consumers or quantities of electricity supplied to the consumers.
- (6) Some illustrative variations or expected variations in the performance of the applicant which may be attributed by the Commission to controllable factors shall include, but not limited to, the following:--
 - a) Variations in capital expenditure on account of time and/or cost overruns/
 efficiencies in the implementation of a capital expenditure project not attributable
 to an approved change in scope of such project, change in statutory levies or force
 majeure events;
 - b) Variations in technical and commercial losses, including bad debts;
 - c) Variations in performance parameters;
 - d) Variations in working capital requirements;
 - Failure to meet the standards specified in the UERC (Standards of Performance)
 Regulations, except where exempted in accordance with those Regulations;
 - f) Variation in financing pattern due to variation in capital expenditure;
 - g) Variation in quality of supply;
 - h) Variation in operation & maintenance expenses.
- (7) Applicants may, as a result of additional information not previously known or available to them at the time the forecast under Regulation 11 was developed, apply for a modification in the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges for the remainder of the Control Period, as part of the Annual Performance Review.

- (8) The Commission may, as a result of additional information not previously known or available to it at the time the forecast under Regulation 11 was developed, if it so deems appropriate, either suo moto or on an application made by any interested or affected party, modify the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges for the remainder of the Control Period, as part of the Annual Performance Review.
- (9) The Commission shall treat an application made to it under Regulation 9 and Regulation 13 above in the same manner as the original application for determination of tariff and upon completion of such review, either approve the proposed modification with such changes as it deems appropriate or reject the application made for reasons to be recorded in writing.
- (10) Upon completion of the Annual Performance Review, the Commission shall pass an order recording
 - a) The approved aggregate gain or loss to the Applicant on account of uncontrollable factors and the mechanism by which the Applicant shall pass through such gains or losses in accordance with Regulation 14;
 - b) The approved aggregate gain or loss to the Applicant on account of controllable factors and the amount of such gains or such losses that may be shared in accordance with Regulation 15;
 - The approved modifications to the forecast of the Applicant for the ensuing year, if any;

The surplus/deficit determined by the Commission in accordance with these Regulations on account of truing up of the ARR of Applicant shall be carried forward to the ensuing financial year.

14. Sharing of Gains and Losses on account of Uncontrollable factors

- (1) The approved aggregate gain or loss to the Applicant on account of uncontrollable factors shall be passed through as an adjustment in the tariff/charges of the Applicant over such period as may be specified in the Order of the Commission;
- (2) Nothing contained in sub-regulation (1) above shall apply in respect of any gain or loss arising out of variations in the price of fuel, which shall be dealt with as specified under relevant parts of the Regulations.

15. Sharing of Gains and Losses on account of Controllable factors

- (1) The approved aggregate gain to the Applicant on account of controllable factors shall be dealt with in the following manner:-
 - a) 20% of such gain shall be passed on as a rebate in tariffs over such period as may be specified in the Order of the Commission;
 - b) The balance amount of gain may be utilized at the discretion of the Applicant.
- (2) The approved aggregate loss to the Applicant on account of controllable factors shall be dealt with in the following manner:--
 - 25% of the amount of such loss shall be allowed by the Commission to be recovered through tariffs over such period as may be specified in the Order of the Commission under;
 - b) The balance amount of loss shall be absorbed by the Applicant.

16. Periodicity of Tariff determination

- (1) The Commission shall determine the tariff/charges, of a Generating Company/Transmission Licensee/Distribution Licensees/SLDC covered under a multi-year tariff framework for each financial year during the Control Period, at the commencement of such financial year, having regard to the following:-
 - a) The MYT principles specified under these Regulations; and
 - b) The approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges for such financial year, including approved modifications to such forecast; and
 - c) Impact of truing up for previous financial year and provisional truing up for the current financial year; and
 - d) Approved gains and losses to be passed through in tariffs, following the Annual Performance Review.
- (2) The tariff and charges for recovery of ARR for a Transmission Licensee or a Distribution Licensee or a Generating Company or SLDC shall ordinarily be determined not more than once in a year, except in respect of any changes expressly permitted under the terms of fuel

surcharge formula as may be specified under these Regulations. on account of fuel cost and power purchase cost.

17. Petition for determination of Tariff

- (1) An application for determination of Tariff under the Act shall be made in such form and in such manner as specified in these Regulations, and accompanied by such fees as may be specified under the UERC (Fees and Fine) Regulations, 2002 as amended from time to time.
- (2) An application for determination of tariff for first year of the Control Period shall be made along with the Multi Year Tariff Petition for the Control Period under Regulation 11 and the Petition for determination of Tariff for subsequent years of the Control Period shall be made along with Petition for Annual Performance Review under Regulation 13.
- (3) The formats for furnishing information for calculating expected revenue and expenditure and for determining tariff shall be specified separately for Generation, Transmission, Distribution and SLDC charges. Information submitted in these formats should be accompanied by supporting documents/calculations and soft copies.
- (4) The Petition for determination of tariff shall include the following:-
 - a) A statement of the current tariff and all applicable terms and conditions and expected revenue from the current tariff for each year of the Control Period.
 - b) A statement of proposed tariffs containing full details of calculation of any subsidy received, due or assumed to be due from the State Government, the purpose/consumers to whom it is directed, and showing how the subsidy is reflected in the current and proposed tariff applicable to those consumers. This statement shall also include the tariff calculated without consideration of the subsidy for those consumers. The subsidy calculations shall also compare the situation for the period for which the tariff is to be implemented.
 - c) A statement of the estimated change in annual revenues that would result from the proposed tariff changes in the period in which they are to be implemented.
 - d) If the proposed tariff is to be introduced after the start of a financial year, a statement of the proportion of revenue expected and quantities of electricity supplied under the proposed tariff modification during the remaining months of the financial year shall be included.

- e) In case of a Distribution Licensee, detailed calculations of voltage-wise cost of supply, exclusive of external subsidies and cross-subsidies in respect of each category of consumer.
- f) In case of a Distribution Licensee, a statement showing calculations of the amount of cross-subsidy in the existing tariff and in the proposed tariff. Such determination shall be as per the guidelines issued by the Commission.
- g) An explanatory note giving rationale for the proposed tariff changes.
- h) Any other information, as required by the relevant licence conditions or specified by the Commission.
- (5) If a person holds more than one licence and/or is deemed to be Licensee for more than one area of distribution or transmission, he shall submit separate calculations as above in respect of each licence or area of transmission or distribution. Similarly, a generating company shall submit generating station-wise calculations.
- (6) A Transmission Licensee or Distribution Licensee owning and operating a generating station shall maintain and submit separate accounts of generation, its licensed business, and other business.
- (7) The Transmission Licensee Or Distribution Licensees or SLDC are required to file petition for 'in-principle' approval of all projects/schemes whose capital cost is more than Rs. 2.5 Crs in a manner specified in Regulation 23:
 - Provided that where the Commission has given an 'in-principle' acceptance to the estimated capital cost and financing plan, it shall act as a guiding factor for applying prudence check on the actual capital expenditure.
- (8) Tariff petitions will be submitted in English. Soft copy of the Petition and the formats along with computations sheets and supporting documents will also be submitted to the Commission.
- (9) Notwithstanding anything contained in these Regulations, in case of delay/ non-submission of the application for determination of tariff and annual performance review beyond one month from the scheduled date of submission, the Commission may initiate suo-moto proceedings for filing the said applications.

Provided that in the event of the applicant not filing the application despite the aforesaid proceeding, the Commission may on its own, decide the tariff based on the information available with the Commission and after incorporating suitable adjustments, as deemed appropriate by the Commission:

Provided further that the Commission may also pass directions under Section 129 and/or Section 142 of the Act, if required.

18. Review at the End of the Control Period

- (1) At the end of the control period, the Commission shall review the achievement of objectives and implementation of the principles of MYT laid- down in these Regulations.
- (2) The end of the one control period may be the beginning of the next control period or as decided by the Commission. The Commission shall analyse the performance with respect to the targets set out at the beginning of the control period and shall determine the base value for the next control period, based on actual performance achieved, expected improvement and other relevant factors.
- (3) The Commission shall undertake the annual review of performance of the final year of control period and truing-up of the immediately preceding final year of the control period with the ARR/tariff petition filed for the first year of the subsequent control period. The annual review of performance of the final year of control period and truing-up of the immediately preceding final year of the control period shall be undertaken based on the norms as defined in these Regulations.

19. Orders by Commission

- (1) The Commission shall, within one hundred and twenty (120) days from the receipt of a complete application i.e. admission of the Petition and after considering all suggestions and objections received from the public:
 - a) Issue an Order accepting the application with such modifications or such conditions as may be contained in such Order; or
 - b) Reject the application for reasons to be recorded in writing if such application is not in accordance with the provisions of the Act and the rules and regulations made thereunder or the provisions of any other law for the time being in force:

Provided that an applicant shall be given a reasonable opportunity of being heard before his application is rejected.

(2) The tariff determined by the Commission shall come into force from the date specified in the Tariff Order.

20. Publication of Tariff

The applicants shall publish the tariff or tariffs approved by the Commission in at least two (2) English and two (2) local language daily newspapers having circulation in the area of licence and shall put up the approved tariff/tariff schedule on its internet website and make available for sale, a booklet containing such tariff or tariffs, as the case may be, to any person upon payment of reasonable reproduction charges:

Provided that where the applicant is a Generating Company, the publication shall be in such newspapers as are widely circulated in the area of supply of the Distribution Licensee to whom the electricity is proposed to be supplied in terms of the Tariff Order and shall also be put up on the website of such Generating Company.

21. Communication of Tariff orders

The Commission shall, within seven days of making the order, send a copy of the order to the Government of Uttarakhand, the Central Electricity Authority, applicant and respondents.

PART III

FINANCIAL PRINCIPLES FOR COMPUTING COSTS AND RETURN

22. Debt-equity ratio

- (1) For a project declared under commercial operation on or after 1.4.2013, debt-equity ratio shall be 70:30. Where equity employed is more than 30%, the amount of equity for the purpose of tariff shall be limited to 30% and the balance amount shall be considered as normative loan. Where actual equity employed is less than 30%, the actual equity would be used for determination of Return on Equity in tariff computations.
- (2) In case of Generating Company, Transmission Licensee, Distribution Licensee, or SLDC where investments have been made prior to 1.4.2013, Debt: Equity Ratio shall be as approved by the Commission in the previous Orders.
- (3) The premium raised by the Generating Company, or the Transmission Licensee or the Distribution Licensee or SLDC while issuing share capital and investment of internal resources created out of free reserve, if any, shall also 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 capital expenditure.
- (4) Equity invested in foreign currency shall be converted to rupee currency based on the exchange rate prevailing on the date(s) it is subscribed.

23. Capital Cost and capital structure

- (1) In case of a Generating Company, Transmission Licensee, Distribution Licensee and SLDC, investments made prior to 1.4.2013 shall be accepted on the basis of investments approved by the Commission in the previous Orders.
- (2) Petition for 'in principle' approval of capital cost
 - Any licensee intending to establish, operate and maintain or augment capacity of a transmission system or distribution system or SLDC shall file an application/petition under affidavit to the Commission in accordance with UERC (Conduct of Business) Regulations, 2004 for 'in principle' approval of the project capital cost and financing plan before taking up a project. The application/petition of transmission system or distribution system or SLDC for investment approval shall clearly provide the purpose of the project as follows:—

The transmission application /petition shall consist of information on system strengthening, load growth, etc. as may be relevant for particular utility, its cost-benefit analysis and other details such as location of the project, site specific features, break up of capital cost, financial package, performance parameters, commissioning schedule, reference price level, estimated completion cost including foreign exchange component (if any), environment standards prescribed and to be achieved, etc:

The distribution application /petition shall consist of information on system strengthening, loss reduction, to meet load growth, fulfill obligations under UERC (Standards of Performance) Regulations, 2007 etc financial package, performance parameters, commissioning schedule, reference price level, estimated completion cost including foreign exchange component (if any), environment standards prescribed and to be achieved, etc.

Provided that where the Commission has given an 'in principle' approval to the estimated capital cost and financing plan, the same shall act as a guiding factor for applying prudence check on the actual capital expenditure while determining the ARR and Tariffs for a particular utility.

(3) The approved Capital Cost shall be considered for tariff determination and if sufficient justification is provided for any escalation in the Project Cost, the same may be considered by the Commission subject to prudence check:

Provided that in case the actual capital cost is lower than the approved capital cost, then the actual capital cost will be considered:

Provided that prudence check of capital cost may be carried out based on the benchmark norms to be specified by the Commission from time to time:

Provided further that in cases where benchmark norms have not been published, prudence check may include scrutiny of the reasonableness of the capital expenditure, financing plan, interest during construction, use of efficient technology, cost over-run and time over-run, and such other matters as may be considered appropriate by the Commission for determination of tariff:

Provided also that the Commission may issue guidelines for vetting of capital cost of projects by independent agency or expert and in that event the capital cost as vetted by such agency or expert may be considered by the Commission while determining the tariff:

Provided also that in case, the site of a hydro generating station is awarded to a developer (not being a State controlled or owned company), by a State Government by following a two

stage transparent process of bidding, any expenditure incurred or committed to be incurred by the project developer including premium paid/payable for getting the project site allotted shall not be included in the capital cost:

Provided also that the capital cost in case of such hydro generating station shall include:

- a) Cost of approved rehabilitation and resettlement (R&R) plan of the project in conformity with National R&R Policy and R&R package as approved; and
- b) Cost of project developer's 10% contribution towards Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) project in the affected area.
- (4) The actual capital expenditure on date of capitalization based on audited accounts of the company, limited to original scope of work, may be considered subject to prudence check by the Commission.
- (5) Where power purchase agreement or transmission or wheeling agreement provides for a ceiling of capital cost, the capital expenditure admitted by the Commission shall take into consideration such ceiling for determination of tariff.
- (6) The capital cost may include capitalised initial spares which may be as follows:-
 - upto 2.5% of original capital cost in case of coal-based/lignite-fired thermal generating stations;
 - Upto 4.0% of original capital cost in case of gas turbine/combined cycle thermal generating stations;
 - c) Upto 1.5% of original capital cost in case of hydro-generating stations;
 - d) Upto 0.75% of original capital cost in case of Transmission Line;
 - e) Upto 2.5% of original capital cost in case of Transmission Sub-Station; and
 - f) Upto 2.5% of original capital cost in case of Distribution System including Distribution Lines
- (7) Impact of revaluation of assets shall be permitted during the Control Period, provided it does not result in increase in tariff of Generating Company, Transmission Licensee and Distribution Licensee. Any benefit from such revaluation shall be passed on to persons sharing the capacity charge in case of a Generating Company and to long-term Intra-State open access customers of Transmission Licensee or Distribution Licensee, or retail supply consumers in case of Distribution Licensees, at the time of Annual Truing Up.

(8) Restructuring of capital in terms of relative share of equity and loan shall be permitted during the tariff period provided it does not affect tariff adversely. Any benefit from such restructuring shall be passed on to persons sharing the capacity charge in case of a generating company and to long term intra-State open access customers of Transmission or Distribution Licensee or consumers in case of such Licensees.

24. Additional capitalization

- (1) The following capital expenditure within the original scope of work actually incurred or projected to be incurred after the date of commercial operation and up to the cut-off date may be admitted by the Commission, subject to prudence check:
 - a) Undischarged liabilities;
 - b) Works deferred for execution;
 - c) Procurement of initial capital spares within the original scope of work, subject to the provisions of Regulation 23(6);
 - d) Liabilities to meet award of arbitration or for compliance of the order or decree of a court; and
 - e) On account of change in law.
 - Provided that the details included in the original scope of work along with estimates of expenditure, deferred liabilities and the works deferred for execution shall be submitted along with the application for determination of tariff.
- (2) The capital expenditure of the following nature actually incurred after the cut-off date may, in its discretion, be admitted by the Commission, subject to prudence check:
 - Liabilities to meet award of arbitration or for compliance of the order or decree of a court;
 - b) Change in law;
 - Deferred work related to ash pond or ash handling system within the original scope of work;
 - d) In case of hydro generating stations, any additional expenditure which has become necessary on account of damage caused by natural calamities (but not due to flooding of power house attributable to the negligence of the generating company), including

due to geological surprises after adjusting for proceeds from any insurance scheme, and expenditure incurred due to any additional work which has become necessary for successful and efficient plant operation; and

e) In case of transmission and distribution system any additional expenditure on items such as relays, control and instrumentation, computer system, power line carrier communication, DC batteries, replacement of switchyard, equipment due to increase of fault level, emergency restoration system, insulators cleaning infrastructure, replacement of damaged equipment not covered by insurance and any other expenditure which has become necessary for successful and efficient operation of transmission or distribution system:

Provided that in respect to sub-clause d) & e) above, any additional expenditure on acquiring minor items/assets like tools and tackles, furniture, air-conditioners, voltage stabilizers, refrigerators, coolers, fans, washing machines, heat convectors, mattresses, carpets, etc. brought after the cutoff date shall not be considered for additional capitalization for determination of tariff w.e.f. 1.4.2013.

25. Renovation and Modernisation

(1) The generating company or the transmission company, as the case may be, for meeting the expenditure on renovation and modernization (R&M) for the purpose of extension of life beyond the useful life of the generating station or a unit thereof or the transmission system, shall make an application before the Commission for approval of the proposal with a Detailed Project Report giving complete scope, justification, cost-benefit analysis, estimated life extension from a reference date, financial package, phasing of expenditure, schedule of completion, reference price level, estimated completion cost including foreign exchange component, if any, record of consultation with beneficiaries and any other information considered to be relevant by the generating company or the transmission company:

Provided that in case of coal-based/lignite fired thermal generating station, the generating company, may, in its discretion, avail of a 'special allowance' in accordance with the norms specified in Regulation 25 (4), as compensation for meeting the requirement of expenses including renovation and modernisation beyond the useful life of the generating station or a unit thereof, and in such an event revision of the capital cost shall not be considered and the applicable operational norms shall not be relaxed but the special allowance shall be included in the annual fixed cost:

Provided also that such option shall not be available for a generating station or unit for which renovation and modernization has been undertaken and the expenditure has been admitted by the Commission before commencement of these regulations, or for a generating station or unit which is in a depleted condition or operating under relaxed operational and performance norms.

- (2) Where the Generating Company or the Transmission Company, as the case may be, makes an application for approval of its proposal for renovation and modernisation, the approval shall be granted after due consideration of reasonableness of the cost estimates, financing plan, schedule of completion, interest during construction, use of efficient technology, cost-benefit analysis, and such other factors as may be considered relevant by the Commission.
- (3) Any expenditure incurred or projected to be incurred and admitted by the Commission after prudence check based on the estimates of renovation and modernization expenditure and life extension, and after deducting the accumulated depreciation already recovered from the original project cost, shall form the basis for determination of tariff.
- (4) A generating company on opting for the alternative in the first proviso to Regulation 25 (1) of these Regulations, for a coal-based/lignite fired thermal generating station, shall be allowed special allowance @ Rs. 6.25 lakh/MW/year in 2013-14 and thereafter escalated @ 5.72% every year during the tariff period 2014-16, unit-wise from the next financial year from the respective date of the completion of useful life with reference to the date of commercial operation of the respective unit of generating station:

Provided that in respect of a unit in commercial operation for more than 25 years for thermal power plants, this allowance shall be admissible from the financial year 2013-14.

Provided that in respect of a unit in commercial operation for more than 25 years as on 01.04.2013, this allowance shall be admissible from the year 2013-14.

26. Treatment of Consumer contribution, Deposit works and Grants/ Subsidies

- (1) The following nature of works carried out by the Licensee shall be classified under this category:
 - a) Works after obtaining a part or all of the funds from the users in the context of deposit works.

- b) Capital works undertaken by utilising grants received from the State and Central Governments, including funds under RGGVY, APDRP, etc.
- (2) Principles for treatment of the expenses on such capital expenditure shall be as follows:
 - a) Normative O&M expenses as specified in these Regulations shall be allowed.
 - b) Provisions related to Depreciation as specified in Part III, shall be applicable to the extent of financial support, including the loan and equity contribution, provided by the Licensee or Generating Company, as the case may be. The deprecation shall not be allowed on the assets funded through Consumer Contribution or Capital Grants/Subsidies.
 - c) Provisions related to return on equity, as specified in Part III shall be applicable to the extent of normative debt: equity mix of 70:30 or actual equity, whichever is less, on the contribution made by the Licensee or Generating Company, as the case may be.

27. Return on Equity

- (1) Return on equity shall be computed on the equity base determined in accordance with Regulation 22:
 - Provided that, Return on Equity shall be allowed on amount of allowed equity capital for the assets put to use at the commencement of each financial year.
- (2) Return on equity shall be computed on at the rate of 15.5% for Generating Stations, Transmission Licensee and SLDC and at the rate of 16% for Distribution Licensee on a post-tax basis:
 - Provided that in case of generation and transmission projects commissioned on or after 1st April, 2013, an additional Return of 0.5% shall be allowed if such projects are completed within the timeline as specified in Appendix I to these Regulations.

28. Interest and finance charges on loan capital and on Security Deposit

(1) The loans arrived at in the manner indicated in Regulation 22 shall be considered as gross normative loan for calculation of interest on loan.

- (2) 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.
- (3) The repayment for each year of the Control Period shall be deemed to be equal to the depreciation allowed for that year.
- (4) Notwithstanding any moratorium period availed by the Generating Company or the Transmission Licensee or the Distribution Licensee or the SLDC, as the case may be the repayment of loan shall be considered from the first year of commercial operation of the project and shall be equal to the annual depreciation allowed.
- (5) 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 project:
 - 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 generating station or the transmission system or the distribution system, as the case may be, does not have actual loan, then the weighted average rate of interest of the generating company or the Transmission Licensee or the Distribution Licensee as a whole shall be considered.
- (6) The interest on loan shall be calculated on the normative average loan of the year by applying the weighted average rate of interest.
- (7) The Generating Company or the Transmission Licensee or the Distribution Licensee, or the SLDC as the case may be, 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 refinancing shall be borne by the beneficiaries and the net savings on interest shall be shared between the beneficiaries and the Generating Company or the Transmission Licensee or the Distribution Licensee or the SLDC, as the case may be, in the ratio of 50:50.
- (8) The changes to the terms and conditions of the loans shall be reflected from the date of such re-financing.
- (9) Interest shall be allowed on the amount held as security deposit by the Distribution Licensee from consumers, at the rate as may be decided by the Commission from time to time.

29. Depreciation

- (1) The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission:
 - Provided that depreciation shall not be allowed on assets funded through Consumer Contribution and Capital Subsidies/Grants.
- (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) Provided that in case of generating stations, the salvage value shall be as provided in the agreement signed by the developers with the State Government for creation of site:
 - Provided further that the capital cost of the assets of the generating station for the purpose of computation of depreciable value for the purpose of determination of tariff under these regulations shall correspond to the percentage of sale of electricity under long-term power purchase agreement at regulated tariff.
- (4) Land other than the land held under lease and the land for reservoir in case of hydro generating station shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing depreciable value of the asset.
- (5) Depreciation shall be calculated annually based on Straight Line Method and at rates specified in Appendix II to these Regulations:
 - Provided that, the remaining depreciable value as on 31st March of the year closing after a period of 12 years from date of commercial operation shall be spread over the balance useful life of the assets.
- (6) In case of the existing projects, the balance depreciable value as on 1.4.2013 shall be worked out by deducting the cumulative depreciation as admitted by the Commission upto 31.3.2013 from the gross depreciable value of the assets. The difference between the cumulative depreciation recovered and the depreciation so arrived at by applying the depreciation rates as specified in these Regulations corresponding to 12 years shall be spread over the remaining period upto 12 years. The remaining depreciable value as on 31st March of the year closing after a period of 12 years from date of commercial operation shall be spread over the balance life.
- (7) Depreciation shall be chargeable from the first year of commercial operation. In case of commercial operation of the asset for part of the year, depreciation shall be charged on pro rata basis.

30. Lease charges

Lease charges for assets taken on lease by a generating company, SLDC or a Transmission or Distribution Licensee shall be considered as per lease agreement provided they are considered reasonable by the Commission.

31. Operation & Maintenance expenses

- (1) 'Operation and Maintenance or O&M expenses' shall comprise of expenses incurred on manpower, repair & maintenance (R&M) and administrative and general expenses, including insurance expenses.
- (2) Operation and maintenance expenses shall be determined for the Control period based on methodology specified by the Commission subsequently in these Regulations.
- (3) O&M expenses of assets taken on lease and those created out of consumer's contribution shall be considered, if the Generating Company or the Transmission or the Distribution Licensee or the SLDC has the responsibility for its O&M and bears O&M expenses.
- (4) Annual O&M expenses for gross fixed assets added during the year shall be considered from the date of commissioning on pro-rata basis.
- (5) Increase in O&M charges on account of war, insurgency, change in laws, or like eventualities may be considered by the Commission for a specified period.
- (6) The variation in normative O&M expenses and actual O&M expenses shall be considered as part of gain/loss on account of controllable factors.

32. Bad and doubtful debts

The Commission may allow a provision for bad and doubtful debts upto one percent (1%) of the estimated annual revenue of the distribution licensee, subject to actual writing off of bad debts by it in the previous years:

Provided that where the amount of such provisioning for bad and doubtful debts exceeds five (5) per cent of the receivables at the beginning of the year, no such appropriation shall be allowed which would have the effect of increasing the provisioning beyond the said maximum.

33. Foreign Exchange Rate Variation (FERV)

Cost of hedging for foreign exchange variation towards interest payment and loan repayment shall be allowed on year-to-year basis and shall be payable until due date of payments and be subject to prudent check of the Commission. The Applicant shall provide full particulars of such cost of hedging to the Commission.

In case hedging has not been arranged due to valid reasons, FERV shall be provisionally estimated by the Commission for the purpose of determining tariff and shall be subject to adjustment as per actuals.

34. Interest on Working Capital

Rate of interest on working capital shall be on normative basis and shall be equal to the State Bank Advance Rate (SBAR) of State Bank of India as on the date on which the application for determination of tariff is made.

(1) Generation:

- a) In case of coal based/lignite-fired generating stations, working capital shall cover:
 - (i) Landed Cost of coal or lignite or limestone for 1½ (one and a half) month for pit-head generating stations and 2 (two) months for non-pit-head generating stations, corresponding to Normative Annual Plant Availability Factor) (NAPAF);
 - (ii) Cost of secondary fuel oil for two months for generation corresponding to the NAPAF and in case of use of more than one secondary fuel oil, cost of fuel oil stock for the main secondary fuel oil;
 - (iii) Operation and Maintenance expenses for one month;
 - (iv) Maintenance spares @ 20% of operation and maintenance expenses;
 - (v) Receivables equivalent to 2 (two) months of capacity and energy charges for sale of electricity calculated on the NAPAF.
- b) In case of open cycle Gas Turbine/Combined Cycle thermal generating stations, working capital shall cover:
 - (i) Landed fuel cost for 1 (one) month corresponding to the NAPAF duly taking into account the mode of operation of the generating station on gas fuel and liquid fuel;
 - (ii) Liquid fuel stock for ½ (half) month corresponding to the NAPAF, and in case of use of more than one liquid fuel, cost of main liquid fuel;
 - (iii) Operation and maintenance expenses for one month;
 - (iv) Maintenance spares @ 30% of operation and maintenance expenses; and

- (v) Receivables equivalent to 2 (two) months of Capacity Charge and Energy Charges for sale of electricity calculated on NAPAF duly taking into account the mode of operation of the generating station on gas fuel and liquid fuel.
- c) In case of hydro power generating stations, working capital shall cover:
 - (i) Operation and maintenance expenses for one month;
 - (ii) Maintenance spares @ 15% of operation and maintenance expenses; and
 - (iii) Receivables for sale of electricity equivalent to two months of the annual fixed charges calculated on normative capacity index.
- d) In case of own generating stations, no amount shall be allowed towards receivables, to the extent of supply of power by the Generation Business to the Retail Supply Business, in the computation of working capital in accordance with these Regulations.

(2) Transmission:

- a) The Transmission Licensee shall be allowed interest on the estimated level of working capital for the financial year, computed as follows:--
 - (i) Operation and maintenance expenses for one month;
 - (ii) Maintenance spares @ 15% of operation and maintenance expenses; and
 - (iii) Two month equivalent of the expected revenue from transmission charges at the prevailing tariffs.

(3) Distribution:

- a) The Distribution Licensee shall be allowed interest on the estimated level of working capital for the financial year, computed as follows:--
 - (i) One month of the amount of Operation and Maintenance expenses for such financial year; plus
 - (ii) Maintenance spares @ 15% of operation and maintenance expenses; plus
 - (iii) Two months equivalent of the expected revenue from sale of electricity at the prevailing tariffs; minus
 - (iv) Amount held as security deposits under clause (a) and clause (b) of subsection (1) of Section 47 of the Act from consumers and Distribution System Users; minus
 - (v) One month equivalent of cost of power purchased, based on the annual power procurement plan.

(4) SLDC:

- a) The SLDC shall be allowed interest on the estimated level of working capital for the financial year, computed as follows:—
 - (i) Maintenance spares @ 15% of operation and maintenance expenses; and
 - (ii) Operations and Maintenance expenses for one month;
 - (iii) Receivables equivalent to two months of SLDC charges.

35. Tax on Income

Income Tax, if any, on the income stream of the regulated business of Generating Companies, Transmission Licensees, Distribution Licensees and SLDC shall be reimbursed to the Generating Companies, Transmission Licensees, Distribution Licensees and SLDC as per actual income tax paid, based on the documentary evidence submitted at the time of truing up of each year of the Control Period, subject to the prudence check.

36. Regulatory Asset

In case of abnormal variation in income or expenses resulting in substantial revenue gap, full recovery of which in a single year is not feasible, the Commission may allow creation of Regulatory Asset as per guidelines provided in clause 8.2.2 of the Tariff Policy and suitably provide for its recovery through tariff or as a surcharge in more than one year. For amortisation of the regulatory asset so created shall be dealt in accordance with the Tariff Policy, provided that the Commission may allow a carrying cost on Regulatory Asset at such rates that the Commission may deem fit.

PART IV

REVENUES

37. Tariff income

Income of the Generating Company, Transmission Licensee, Distribution Licensee and SLDC from all charges determined by the Commission for generation, transmission, wheeling and retail supply of electricity, SLDC charges, as the case may be, , shall be considered as tariff income.

38. Other revenue

- (1) All revenues including charges for unauthorized use of electricity and composition money, other than tariff revenue shall be grouped as other revenue.
- (2) For the electricity supply to the housing colonies or townships for its operating staff drawn from the Power Station/Sub-Station bus bar, a separate account shall be maintained by the Generating Company/Transmission Licensee for such energy supply and revenue thereof shall be reported annually to the Commission in the ARR/tariff petition, wherever applicable.
- (3) While determining the generation/transmission tariff, revenue so realised, i.e., the revenue as per generation tariff in respect of Generating Company or consumer category tariff of Distribution Licensee where the sub-station is situated in respect of Transmission Licensee, shall be considered by the Commission as one of the components of other income of the Generating Company/Transmission Licensee.

39. Surcharge and additional surcharge

Surcharge and additional surcharge under Sections 39, 40 and 42 of the Electricity Act, 2003 shall be considered as income and treated as may be specified by the Commission.

40. Income from Other Business

- (1) Revenue from other business shall be treated as income to the extent authorized by the Commission under Sections 41 and 51 of the Electricity Act, 2003.
- (2) The Generating Company, Transmission Licensee and Distribution Licensee shall submit the following information along with the Petition to the Commission:

Whether the Licensee is engaged in any Other Business within the meaning prescribed under Sections 41 and 51 of the EA 2003?

If yes, then the Licensee should submit the following information

- a) Name and description of all Other Business that the Licensee is engaged in;
- b) For each such Other Business, amount of revenue generated in the previous year, estimated during the current year and projected for the ensuing year;
- c) Assets of licensed business used by the Licensee to generate the above revenue;
- d) Expenses incurred to generate the above revenue, separately for each Other Business;

e) Whether these expenses have already been included in the ARR of the Licensee? Fully or partly? If partly, proportion and basis of apportionment to be submitted.

41. Sharing of Clean Development Mechanism (CDM) credit

The proceeds of carbon credit from approved CDM project shall be shared in the following manner, namely:-

- a) 100% of the gross proceeds on account of CDM to be retained by the project developer in the first year after the date of commercial operation of the generating station or the transmission system, as the case may be;
- b) In the second year, the share of the beneficiaries shall be 10% which shall be progressively increased by 10% every year till it reaches 50%, whereafter the proceeds shall be shared in equal proportion, by the generating company or the transmission licensee, as the case may be, and the beneficiaries.

PART-V COMPUTATION OF GENERATION TARIFF

42. Applicability

- (1) The Regulations specified in this Part shall apply for determining the tariff for supply of electricity to a Distribution Licensee from generating stations located in Uttarakhand:
 - Provided that determination of tariff for supply of electricity to a Distribution Licensee from renewable sources of generation including Small Hydel Projects having capacity upto 25 MW shall be in accordance UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2010.
- (2) The Commission shall be guided by the terms and conditions contained in this Part in determining the tariff for supply of electricity by a Generating Company to a Distribution Licensee.

43. Petition for determination of generation tariff

- (1) A Generating Company may file petition for determination of tariff for supply of electricity to Distribution Licensees complying with the provisions of Part II of these Regulations.
- (2) Tariff in respect of a generating station under these Regulations shall be determined stage-wise, unit-wise or for the whole generating station. The terms and conditions for determination of tariff for generating stations specified in this Part shall apply in like manner to stages or Units, as the case may be, as to generating stations.
- (3) Where the tariff is being determined for stage or Unit of a generating station, the Generating Company shall adopt a reasonable basis for allocation of capital cost relating to common facilities and allocation of joint and common costs across all stages or Units, as the case may be:
 - Provided that the Generating Company shall maintain an Allocation Statement providing the basis for allocation of such costs, and submit such statement to the Commission along with the application for determination of tariff.
- (4) A Generating Company may file petition for determination of provisional tariff in advance of the anticipated date of commissioning of a generating station based on the capital

expenditure actually incurred up to the date of making the petition or a date prior to making of the petition, duly audited and certified by the statutory auditors and the provisional tariff shall be charged from the date of commercial operation of the generating station.

- (5) A Generating Company for whom the Commission has determined provisional tariffs shall have to file a fresh petition as per these Regulations, for determination of final tariff based on actual capital expenditure incurred up to the date of commercial operation of the generating station duly certified by the statutory auditors based on annual audited accounts.
- (6) Any difference in provisional tariff and the final tariff determined by the Commission and not attributable to the Generating Company may be adjusted in the tariff for the following year as decided by the Commission.

44. Components of tariff

- (1) The tariff for sale of electricity from a thermal Power Generating Station shall comprise of two parts, namely, the recovery of Annual Fixed Charges and Energy (variable) Charges (for recovery of primary and secondary fuel cost).
- (2) The tariff for sale of electricity from a Hydro Generating Station shall comprise of two parts, namely, the recovery of Annual Capacity Charge and Energy Charge.

45. Annual Fixed Charges

- (1) The Annual Fixed Charges shall comprise of the following elements:-
 - a) Interest on Loan;
 - b) Depreciation;
 - c) Lease Charges;
 - d) Operation & Maintenance Expenses;
 - e) Return on Equity;
 - f) Interest on Working Capital;
 - g) Cost of secondary fuel oil (for coal/ lignite based generating stations only).

(2) Less:

a) Non-Tariff Income:

Provided that Depreciation, Interest and finance charges on Loan Capital, Interest on Working Capital and Return on Equity for Thermal and Hydro Generating Stations shall be allowed in accordance with the provisions specified in Part-III of these Regulations.

46. Sale of Infirm Power

The tariff for sale of infirm power from the thermal generating station to the Distribution Licensee shall be equivalent to the actual fuel cost, including the secondary fuel cost, as the case may be, incurred during that period subject to prudence check. For hydro generating station, the tariff for sale of infirm power shall be Rs. 0.80/kWh which is the specified rate for secondary energy:

Provided that any revenue other than the recovery of fuel cost earned by the Generating Company from sale of infirm power shall be used for reduction in capital cost and shall not be treated as revenue.

47. Non Tariff Income

The amount of non-tariff income relating to the Generation Business as approved by the Commission shall be deducted from the Annual Fixed Charges in determining the Net Annual Fixed Charges of the Generation Company:

Provided that the Generation Company shall submit full details of its forecast of non tariff income to the Commission in such form as may be stipulated by the Commission from time to time.

The indicative list of various heads to be considered for non tariff income shall be as under:

- a) Income from rent of land or buildings;
- b) Income from sale of scrap;
- c) Income from statutory investments;
- d) Income from sale of Ash/rejected coal;
- e) Interest on delayed or deferred payment on bills;
- f) Interest on advances to suppliers/contractors;
- g) Rental from staff quarters;
- h) Rental from contractors;
- Income from hire charges from contactors and others;
- j) Income from advertisements, etc.;
- k) Any other non-tariff income.

48. Norms of operation for Thermal Generating Stations

The norms of operation as given hereunder shall apply:

- (1) Normative Annual Plant Availability Factor (NAPAF) for all thermal generating stations shall be 85%.
- (2) Gross Station Heat Rate The Gross Station Heat Rate for thermal Generating stations shall be as below,
 - i. Coal and lignite based thermal power generating stations = 1.065 X Design Heat
 Rate (kcal/kWh)

Where the Design Heat Rate of a unit means the unit heat rate guaranteed by the supplier at conditions of 100% MCR, zero percent make up, design coal and design cooling water temperature/back pressure.

Provided that the Design Heat Rate shall not exceed the limit specified as under:

Pressure Rating (Kg/cm2)	150	170	170	247	247
SHT/RHT (0C)	535/535	537/537	537/565	537/565	565/593
Type of BFP	Electrical	Turbine	Turbine	Turbine	Turbine
	Driven	driven	driven	driven	driven
Max Turbine Cycle Heat rate (kCal/kWh)	1955	1950	1935	1900	1850
Min.Boiler Efficiency					
Sub-Bituminous Indian Coal	0.85	0.85	0.85	0.85	0.85
Bituminous Imported Coal	0.89	0.89	0.89	0.89	0.89
Max Design Unit Heat rate (k	Cal/kWh)				
Sub-Bituminous Indian Coal	2300	2294	2276	2235	2176
Bituminous Imported Coal	2197	2191	2174	2135	2079

- ii. Gas-based / Liquid-based thermal generating unit(s)
 - = 1.05 X Design Heat Rate of the unit for Natural Gas and RLNG (kcal/kWh)
 - = 1.071 X Design Heat Rate of the unit for Liquid Fuel (kcal/kWh)

Where the Design Heat Rate of a unit shall mean the guaranteed heat rate for a unit at 100% MCR and at site ambient conditions; and the Design Heat Rate of a block shall mean the guaranteed heat rate for a block at 100% MCR, site ambient conditions, zero percent make up, design cooling water temperature/back pressure.

(3) Secondary fuel oil consumption

- i. Coal-based generating stations: 1.0 ml/kWh
- Lignite-Fired Generating Stations except stations based on CFBC technology: 2.0 ml/kWh
- iii. Lignite-Fired Generating Stations based on CFBC technology: 1.25 ml/kWh

(4) Auxiliary Energy Consumption including transformation losses

· i. Coal-based Generating Stations:

Auxiliary Energy Consumption	With Natural Draft cooling tower or without cooling tower	
(i) 200 MW series	8.50%	
(ii) 300/330/350/500 MW & above		
Steam driven boiler feed pumps	6.00%	
Electrically driven boiler feed pumps	8.50%	

Provided further that for Thermal Generating Stations with induced draft cooling towers, the norms shall be higher by 0.5%, as compared to above norms

- ii. Gas Turbine/Combined Cycle generating stations:
 - Combined cycle: 3.0%
 - Open cycle: 1.0%
- iii. Lignite-fired thermal generating stations:
 - All generating stations with 200 MW sets and above:

The auxiliary energy consumption norms shall be 0.5 percentage point more than the auxiliary energy consumption norms of coal based generating stations above: Provided that for the lignite fired stations using CFBC technology, the auxiliary energy consumption norms shall be 1.5 percentage points more than the auxiliary energy consumption norms of coal based generating stations as specified above.

(5) Transit and handling Losses

Transit and handling losses for coal based generating stations, as a percentage of quantity of coal dispatched by the coal supply company during the month shall be as given below:

i. Pit head generating stations:

0.2%

ii. Non-pit head generating stations:

0.8%

The above norms shall be applicable for all types of coal i.e., domestic coal, washed coal and imported coal:

Provided that for procurement of coal on delivery basis, no transit and handling loss shall be allowed.

49. Operation and Maintenance Expenses for Thermal Generating Stations

Normative operation and maintenance expenses shall be as follows, namely:

(1) Coal-based and lignite fired (including those based on CFBC technology) generating stations

(Rs. in lakh/MW)

Year	200/210/250 MW sets	300/330/350 MW sets	500 MW sets	600 MW and
2013-14	22.74	19.99	16.24	14.62
2014-15	24.04	21.13	17.17	15.46
2015-16	25.42	22.34	18.15	16,34

Provided that the above norms shall be multiplied by the following factors for additional units in respective unit sizes for the units whose COD occurs on or after 1.4.2013 in the same station:

i. 200/210/250 MW:

Additional 7th & more units
 0.85

ii. 300/330/350 MW:

 Additional 4th & 5th units 	-	0.9
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Additional 6th & more units
 0.85

iii. 500 MW and above:

Additional 3rd & 4th units
 0.9

• Additional 5th & above units - 0.85

NOTE: For the generating stations having combination of 200/210/250 MW sets and 500 MW and above set, the weighted average value for operation and maintenance expenses shall be adopted:

(2) Open Cycle Gas Turbine/Combined Cycle generating stations

Year	Gas Turbine/ Combined Cycle generating stations other than small gas turbine power generating stations	Small gas turbine power generating stations
2013-14	Rs. 18.49 lakh/MW	Rs. 28.61 lakh/MW
2014-15	Rs.19.55 lakh/MW	Rs. 30.24 lakh/MW
2015-16	Rs. 20.67 lakh/MW	Rs.31.97 lakh/MW

(3) Lignite-fired generating stations

Year	125 MW Sets
2013-14	Rs. 29.98 lakh/MW
2014-15	Rs. 31.70 lakh/MW
2015-16	Rs. 33.52 lakh/MW

In case of coal-based or lignite-fired thermal generating station a separate compensation allowance unit-wise shall be admissible to meet expenses on new assets of capital nature including in the nature of minor assets, in the following manner from the year following the year of completion of 10, 15, or 20 years of useful life:

Years of	Compensation
operation	Allowance (Rs
0-10	Nil
11-15	0.15
16-20	0.35
21-25	0.65

50. Expenses on secondary fuel oil consumption for coal-based and lignite-fired generating station

(1) Expenses on secondary fuel oil in Rupees shall be computed corresponding to normative secondary fuel oil consumption (SFC) specified in Regulation 48(3), in accordance with the following formula:

= SFC x LPSFi x NAPAF x 24x NDY x IC x10

Where,

SFC - Normative Specific Fuel Oil consumption in ml/kWh

LPSFi - Weighted Average Landed Price of Secondary Fuel in Rs./ml considered initially

NAPAF - Normative Annual Plant Availability Factor in percentage

NDY – Number of days in a year

IC - Installed Capacity in MW.

(2) Initially, the landed cost incurred by the generating company on secondary fuel oil shall be taken based on actuals of the weighted average price of the three preceding months and in the absence of landed costs for the three preceding months, latest procurement price for the generating station, before the start of the year.

The secondary fuel oil expenses shall be subject to fuel price adjustment at the end of the each year of tariff period as per following formula:

Where,

LPSFy = The actual weighted average landed price of secondary fuel oil for the year in Rs./ml

51. Norms of operation for Hydro Generating Station

The norms of operation given hereunder shall apply:

(1) Normative Plant Availability Factor (NAPAF)

Particulars	Normative	Plant	Avai	labi	lity
	Factor				
Storage and Pondage type plants with head		90%			
variation between Full Reservoir Level (FRL)					
and Minimum Draw Down Level (MDDL) of					
up to 8%, and where plant availability is not					
affected by silt					
Storage and Pondage type plants with head	Plant-specific	allowa	nce	to	be
variation between FRL and MDDL of more	provided in N	APAF fo	r redu	ction	ı in
than 8%, where plant availability is not affected	MW output c	apability	y as r	eserv	oir
by silt	level falls ove	er the r	nonth	s. A	s a
	general guide	line the	allow	ance	on

Particulars	Normative Plant Availability
	Factor
	this account in terms of a
·	multiplying factor may be worked
:	out from the projection of annual
,	average of net head, applying the
	formula:
<i>i</i>	(Average head / Rated head) + 0.02
	Alternatively in case of a difficulty
	in making such projection, the
	multiplying factor may be
	determined as:
	(Head at MDDL/Rated head) x 0.5
	+ 0.52
Pondage type plants where plant availability is	85%
significantly affected by silt	
Run-of-river type plants	To be determined plant-wise, based
·	on 10-day design energy data,
	moderated by past experience
	where available / relevant

A further allowance may be made by the Commission in NAPAF determination under special circumstances, e.g., abnormal site problem or other operating conditions, and known plant conditions:

Provided that in case of new hydro generating station the developer shall have the option of approaching the Commission in advance for fixation of NAPAF based on the principles enumerated in the table above.

Provided further that Generating Companies shall submit plant wise NAPAF alongwith the detailed calculations and reasons thereof as per the guidelines for calculation of NAPAF as laid down in Appendix - III to these Regulations, for seeking approval of the Commission.

(2) Auxiliary energy consumption including transformation losses:

- (a) Surface hydro electric power generating stations
 - i. With rotating exciters mounted on the generator shaft 0.7%
 - ii. With static excitation system: 1%
- (b) Underground hydro generating station
 - i. With rotating exciters mounted on the generator shaft 0.9%
 - ii. With static excitation system: 1.2%

52. Operation and Maintenance Expenses for Hydro Generating Stations

- (1) Operation and Maintenance (O&M) expenses shall comprise of the following:-
 - (b) salaries, wages, pension contribution and other employee costs;
 - (c) administrative and general expenses including insurance charges if any;
 - (d) repairs and maintenance expenses.
- (2) For Generating Stations in operation for more than five years in Base Year

The operation and maintenance expenses for the first year of the control period will be approved by the Commission taking in to account the actual O&M expenses for last five years till base year, based on the audited balance sheets, excluding abnormal operation and maintenance expenses, if any, subject to prudence check and any other factors considered appropriate by the Commission.

(3) For Generating Stations in operation for less than 5 years in base year:

In case of the hydro electric generating stations, which have not been in existence for a period of five years in the base year of FY 2011-12, the operation and maintenance expenses for the base year of FY 2011-12 shall be fixed at 1.5% of the capital cost as admitted by the Commission for the first year of operation and shall be escalated from the subsequent year in accordance with the escalation principles specified in sub regulation (6) below.

(4) For Generating Stations declared under commercial operation on or after 1.4.2013.

In case of new hydro electric generating stations, i.e. the hydro electric generating stations declared under commercial operation on or after 1.4.2013, the base operation and maintenance expenses shall be fixed at 2% of the actual capital cost as admitted by the Commission, for the year of commissioning.

(5) Post, determination of base O&M Expenses in Regulation 52(2) above, the O&M expenses for the nth year and also for the year immediately preceding the Control Period, i.e. 2012-13 shall be approved based on the formula given below:-

$$O&M_n = R&M_n + EMP_n + A&G_n$$

Where -

- O&Mn Operation and Maintenance expenses for the nth year;
- EMPn Employee Costs for the nth year;

- R&Mn Repair and Maintenance Costs for the nth year;
- A&Gn Administrative and General Costs for the nth year;

The above components shall be computed in the manner specified below:

 $EMPn = (EMPn-1) \times (1+Gn) \times (CPIinflation)$

 $R&Mn = K \times (GFA \text{ n-1}) \times (WPIinflation)$ and

 $A&Gn = (A&Gn-1) \times (WPIinflation) + Provision$

Where -

- EMPn-1 Employee Costs for the (n-1)th year;
- A&G n-1 Administrative and General Costs for the (n-1)th year;
- Provision: Cost for initiatives or other one-time expenses as proposed by the

Generating Company and approved by the Commission after prudence check.

- 'K' is a constant to be specified by the Commission %. Value of K for each year of the control period shall be determined by the Commission in the MYT Tariff order based on Generating Company's filing, benchmarking of repair and maintenance expenses, approved repair and maintenance expenses vis-à-vis GFA approved by the Commission in past and any other factor considered appropriate by the Commission;
- CPIinflation is the average increase in the Consumer Price Index (CPI) for immediately preceding three years;
- WPIinflation is the average increase in the Wholesale Price Index (CPI) for immediately preceding three years;
- GFAn-1 Gross Fixed Asset of the Generating Company for the n-1th year;
- Gn is a growth factor for the nth year. Value of Gn shall be determined by the Commission in the MYT tariff order for meeting the additional manpower requirement based on Generating Company's filings, benchmarking and any other factor that the Commission feels appropriate:

Provided that repair and maintenance expenses determined shall be utilised towards repair and maintenance works only.

(6) O&M expenses determined in sub-Regulation (3) & (4) above, shall be escalated for subsequent years to arrive at the O&M expenses for the control period by applying the Escalation factor (EFk) for a particular year (Kth year) which shall be calculated using the following formula: (7) In case of multi-purpose hydroelectric stations, with irrigation, flood control and power components, the O&M expenses chargeable to power component of the station only shall be considered for determination of tariff.

53. Computation and Payment of Annual Fixed Charges and Energy Charges for Thermal Generating Stations

- (1) The fixed cost of a thermal generating station shall be computed on annual basis, based on norms specified under these Regulations, and recovered on monthly basis under capacity charge. The total capacity charge payable for a generating station shall be shared by its beneficiaries as per their respective percentage share / allocation in the capacity of the generating station.
- (2) The capacity charge (inclusive of incentive) payable to a thermal generating station for a calendar month shall be calculated in accordance with the following formulae:
 - (a) Generating stations in commercial operation for less than ten (10) years on 1st April of the financial year:

AFC
$$\times$$
 (NDM / NDY) \times ($0.5 + 0.5 \times PAFM$ / NAPAF) (in Rupees);

Provided that in case the plant availability factor achieved during a financial year (PAFY) is less than 70%, the total capacity charge for the year shall be restricted to AFC \times (0.5 + 35 / NAPAF) \times (PAFY / 70) (in Rupees).

(b) For generating stations in commercial operation for ten (10) years or more on 1st April of the year:

Where,

AFC = Annual fixed cost specified for the year, in Rupees.

NAPAF = Normative annual plant availability factor in percentage

NDM = Number of days in the month

NDY = Number of days in the year

PAFM = Plant availability factor achieved during the month, in percent:

PAFY = Plant availability factor achieved during the year, in percent

(3) The PAFM and PAFY shall be computed in accordance with the following formula:

PAFM or PAFY =
$$10000 \times \Sigma$$
 DCi / { N x IC x ($100 - AUX$)} %
i = 1

Where,

AUX = Normative auxiliary energy consumption in percentage.

DCi = Average declared capacity (in ex-bus MW), subject to clause (4) below, for the ith day of the period i.e. the month or the year as the case may be, as certified by the concerned load dispatch centre after the day is over.

IC = Installed Capacity (in MW) of the generating station

N = Number of days during the period i.e. the month or the year as the case may be.

NOTE: DCi and IC shall exclude the capacity of generating units not declared under commercial operation. In case of a change in IC during the concerned period, its average value shall be taken.

- (4) In case of fuel shortage in a thermal generating station, the generating company may propose to deliver a higher MW during peak-load hours by saving fuel during off-peak hours. The concerned Load Despatch Centre may then specify a pragmatic day-ahead schedule for the generating station to optimally utilize its MW and energy capability, in consultation with the beneficiaries. DCi in such an event shall be taken to be equal to the maximum peak-hour expower plant MW schedule specified by the concerned Load Despatch Centre for that day.
- (5) The energy charge shall cover the primary fuel cost and limestone consumption cost (where applicable), and shall be payable by every beneficiary for the total energy scheduled to be supplied to such beneficiary during the calendar month on ex-power plant basis, at the energy charge rate of the month (with fuel and limestone price adjustment). Total Energy charge payable to the generating company for a month shall be:

(Energy charge rate in Rs./kWh) x {Scheduled energy (ex-bus) for the month in kWh.}

- (6) Energy charge rate (ECR) in Rupees per kWh on ex-power plant basis shall be determined to three decimal places in accordance with the following formulae:
 - (a) For coal based and lignite fired stations $ECR = \{ (GHR SFC \times CVSF) \times LPPF / CVPF + LC \times LPL \} \times 100 / (100 AUX)$
 - (b) For gas and liquid fuel based stations $ECR = GHR \times LPPF \times 100 / \{CVPF \times (100 AUX)\}$

Where,

AUX = Normative auxiliary energy consumption in percentage.

CVPF = Gross calorific value of primary fuel as fired, in kCal per kg, per litre or per standard cubic metre, as applicable.

CVSF = Calorific value of secondary fuel, in kCal per ml.

ECR = Energy charge rate, in Rupees per kWh sent out.

GHR = Gross station heat rate, in kCal per kWh.

LC = Normative limestone consumption in kg per kWh.

LPL = Weighted average landed price of limestone in Rupees per kg.

LPPF = Weighted average landed price of primary fuel, in Rupees per kg, per litre or per standard cubic metre, as applicable, during the month.

SFC = Specific fuel oil consumption, in ml per kWh.

(7) The landed cost of fuel shall include price of fuel corresponding to the grade/quality/calorific value of fuel inclusive of royalty, taxes and duties as applicable, transportation cost by rail/road/gas pipe line or any other means, and, for the purpose of computation of energy charges, shall be arrived at after considering normative transit and handling losses as percentage of the quantity of fuel dispatched by the fuel supply company during the month as specified in these Regulations.

54. Computation and Payment of Capacity Charges and Energy Charges for Hydro Generating Stations

- (1) The Annual Fixed Charges of Hydro Generating Station shall be computed on annual basis, based on norms specified under these Regulations, and recovered on monthly basis under capacity charge (inclusive of incentive) and Energy Charge, which shall be payable by the beneficiaries in proportion to their respective percentage share/allocation in the saleable capacity of the generating station, that is to say, in the capacity excluding the free power to the home State.
- (2) The capacity charge (inclusive of incentive) payable to a hydro generating station for a calendar month shall be:

AFC \times 0.5 \times NDM / NDY \times (PAFM / NAPAF) (in Rupees)

Where,

AFC = Annual fixed cost specified for the year, in Rupees.

NAPAF = Normative plant availability factor in percentage

NDM

= Number of days in the month

NDY

= Number of days in the year

PAFM

= Plant availability factor achieved during the month, in Percentage

(3) The PAFM shall be computed in accordance with the following formula:

N

PAFM = $10000 \times \Sigma$, DCi / { N x IC x (100 - AUX)} %

i=1

Where,

AUX = Normative auxiliary energy consumption in percentage

DCi = Declared capacity (in ex-bus MW) for the ith day of the month which the station can deliver for at least three (3) hours, as certified by the Uttarakhand State Load Despatch Centre after the day is over.

IC = Installed capacity (in MW) of the complete generating station

N = Number of days in the month

(4) The Energy Charge shall be payable by every beneficiary for the total energy supplied to the beneficiary, during the calendar month, on ex-power plant basis, at the computed Energy Charge rate. Total Energy Charge payable to the Generating Company for a month shall be:

(Energy Charge Rate in Rs. / kWh) x { Energy (ex-bus)} for the month in kWh} x (100-FEHS)/100

(5) Energy Charge Rate (ECR) in Rupees per kWh on ex-power plant basis, for a Hydro Generating Station, shall be determined up to three decimal places based on the following formula:

ECR = AFC $\times 0.5 \times 10 / \{DE \times (100 - AUX) \times (100 - FEHS)\}$ Where,

DE = Annual Design Energy specified for the hydro generating station, in MWh,.

FEHS = Free Energy for home State, in percent, as applicable

- (6) In case actual total energy generated by a Hydro Generating Station during a year is less than the Design Energy for reasons beyond the control of the Generating Company, the following treatment shall be applied on a rolling basis:
 - a) in case the energy shortfall occurs within ten years from the date of commercial operation of a generating station, the ECR for the year following the year of energy shortfall shall be computed based on the formula specified in Regulation 54 (5) with the modification that the DE for the year shall be considered as equal to the actual energy

- generated during the year of the shortfall, till the Energy Charge shortfall of the previous year has been made up, after which normal ECR shall be applicable;
- b) in case the energy shortfall occurs after ten years from the date of commercial operation of a generating station, the following shall apply:
 - Suppose the specified annual Design Energy (DE) for the station is DE MWh, and the actual energy generated during the concerned (first) and the following (second) financial years is A1 and A2 MWh, respectively, A1 being less than DE. Then, the design energy to be considered in the formula in Regulation 54 (5)above for calculating the ECR for the third financial year shall be moderated as (A1 + A2 DE) MWh, subject to a maximum of DE MWh and a minimum of A1 MWh;
- c) actual energy generated (e.g., A1, A2) shall be arrived at by multiplying the net metered energy sent out from the station by 100 / (100 AUX).
- (7) In case the Energy Charge Rate (ECR) for a hydro generating station, as computed above, exceeds eighty paise per kWh, and the actual saleable energy in a year exceeds { DE x (100 AUX) x (100-FEHS)/ 10000 } MWh, the Energy Charge for the energy in excess of the above shall be billed at eighty paise per kWh only:
 - Provided that in a year following a year in which total energy generated was less than the design energy for reasons beyond the control of the Generating Company, the Energy Charge Rate shall be reduced to eighty paise per kWh after the energy charge shortfall of the previous year has been made up.
- (8) The Uttarakhand State Load Despatch Centre shall finalise the schedules for the hydro generating stations, in consultation with the beneficiaries, for optimal utilization of all the energy declared to be available, which shall be scheduled for all beneficiaries in proportion to their respective allocations in the generating station.
- (9) The Uttarakhand State Load Despatch Centre shall certify the declared capacity of the generating stations on daily basis and shall also issue a Certificate at the end of the year, validating the PAFM during the year, to the generating company.

55. Demonstration of declared capacity

(1) The Generating Company may be required to demonstrate the declared capacity of its generating station as and when asked by the State Load Despatch Centre. In the event of Generating Company failing to demonstrate the declared capacity within a tolerance limit specified by State Transmission Utility, the capacity charges due to the Generating Company shall be reduced as a measure of penalty.

- (2) The quantum of penalty for the first mis-declaration for duration or block in a day shall be the charges corresponding to two days capacity charges. For the second mis-declaration the penalty shall be equivalent to capacity charges for four days and for subsequent mis-declarations, the penalty shall be multiplied in the geometrical progression.
- (3) The operating logbooks of the generating station shall be made available for review by the SLDC, as the case may be. These books keep record of machine operation and maintenance, reservoir level and spillway gate operation.

56. Metering and Accounting

The provisions of Uttarakhand Electricity Regulatory Commission (State Grid Code) Regulations, 2007 and Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, as amended from time to time shall be applicable.

57. Billing and payment of Charges

Billing and payment of Charges shall be done on a monthly basis in the following manner:-

- (1) Billing and Payment of Annual Fixed Charges, Energy Charges and Incentive for Generating Stations shall be done on a monthly basis subject to adjustments at the end of the year.
- (2) The Distribution Licensees and persons having power purchase agreement for firm power for more than one year shall pay the fixed/capacity charges in proportion to their percentage share, allocation or contract in the installed capacity of a generating station.
- (3) If any capacity remains un-requisitioned in any period, full capacity charges shall be shareable by the persons mentioned in Regulation 57 (2), subject to Regulation 57 (4).
- (4) If any capacity remains un-requisitioned in any period, the Generating Company shall be free to sell electricity to any person including a person outside the State and such person to whom electricity is sold shall also share the fixed/ capacity charges in addition to persons mentioned in Regulation 57 (2) in proportion to the capacity utilized by such person.

58. Purchase of Electricity by the Generating station/Start up Power

- (1) Any person, who establishes, maintains and operates a generating station and normally does not need power from the licensee round the year, i.e. who is not a consumer of the licensee, may purchase electricity from any generating company or a distribution licensee in case his plant is not in a position to generate electricity to meet the its own requirement or for start up and consequently power is required to be drawn from distribution licensee.
- (2) In case of electricity generated from the plant is sold to the State Distribution Licensee, the electricity (in kWh) procured by the Generating Station from the State Distribution Licensee to meet its requirement of startup power, will be adjusted from the electricity sold to the Distribution Licensee. The Distribution Licensee shall make the payment for net energy sold to it by the Generating Company, i.e. difference of the total energy supplied by the Generating Company to the Distribution Licensee and energy supplied by the Distribution Licensee to the Generating Company.
- (3) In case of electricity generated from the plant is sold to third party other than the State Distribution Licensee, then such purchase of electricity by the generating company from the State distribution licensee, shall be charged as per the tariff determined by the Commission for temporary supply under appropriate "Rate Schedule of tariff" for Industrial Consumers considering maximum demand during the month as the contracted demand for that month. The Fixed/Demand charges for that month shall be payable for the number of days during which such supply is drawn. Such Generating Company shall, however, be exempted from payment of monthly minimum charges or monthly minimum consumption guarantee charges or any other charges.

PART - VI TARIFF FOR TRANSMISSION

59. Applicability

The Regulations contained in this Part shall apply in determining tariffs for access to and use of the Intra-State Transmission System of a Transmission Licensee pursuant to a Bulk Power Transmission Agreement or other arrangement entered into by a Transmission System User with the Transmission Licensee:

Provided that the Commission may deviate from the norms contained in this Part or stipulate alternative norms for particular cases, where it so deems appropriate, having regard to the circumstances of the case:

Provided further that the reasons for such deviation shall be recorded in writing:

Provided further that in case of an existing transmission system, the Commission shall determine the tariffs having regard to the historical performance of such transmission system and on the basis of Business Plan and Multi Year Tariff Petition submitted by the Transmission Licensees at the beginning of the Control Period with reasonable opportunities for improvement in performance, if any.

The Commission shall be guided by the terms and conditions contained in this Part in specifying the rates, charges, terms and conditions for use of intervening transmission facilities pursuant to an application made in this regard by a Licensee under the proviso to Section 36 of the Electricity Act, 2003.

60. Annual Transmission Charges for each financial year of the Control Period

The Annual Transmission Charges for each financial year of the Control Period shall provide for the recovery of the Aggregate Revenue Requirement of the Transmission Licensee for the respective financial year of the Control Period, as reduced by the amount of non-tariff income, income from Other Business and short-term open access charges, as approved by the Commission and shall be computed in the following manner:—

Aggregate Revenue Requirement, is the sum of:

- (a) Operation and maintenance expenses;
- (b) Lease Charges;
- (c) Interest and Finance Charges on loan capital;
- (d) Return on equity capital;
- (e) Income-tax;
- (f) Depreciation;

(g) Interest on working capital and deposits from Transmission System Users; and Annual Transmission Charges of Transmission Licensee = Aggregate Revenue Requirement, as above;

minus:

- (h) Non-Tariff Income;
- (i) Short-Term Open Access Charges; and
- (j) Income from Other Business to the extent specified in these Regulations:

Provided that in case of competitively awarded transmission system projects in pursuance of Section 63 of the Act and in accordance with guidelines for competitive bidding for transmission, the Annual Transmission Charges shall be as per the Annual Transmission Service Charges (TSC) quoted by such competitively awarded transmission projects.

The Annual Transmission Charges of the Transmission Licensee shall be determined by the Commission on the basis of an application for determination of Aggregate Revenue Requirement or application for adoption of Annual Transmission Charges in case of competitively awarded transmission system project, as the case may be, made by the Transmission Licensee in accordance with Part – II of these Regulations.

61. Capital investment Plan

- (1) The Transmission Licensee shall file a detailed capital investment plan, financing plan and physical targets for each financial year of the Control Period, as a part of Business Plan, for meeting the requirement of load growth, reduction in transmission losses, improvement in quality of supply, reliability, metering, reduction in congestion, etc. The capital investment plan along with Business Plan should be filed at the beginning of the Control Period, detailing all aspects as specified in Regulation 9 contained in Part II of these Regulations.
- (2) The investment plan shall be a least cost plan for undertaking investments on strengthening and augmentation of the intra-State transmission system for meeting the requirement of load growth, reduction in transmission losses, improvement in quality of supply, reliability, metering, reduction in congestion, etc.
- (3) The investment plan shall cover all capital expenditure projects to be undertaken by the Transmission Licensee in the MYT Control Period and shall be in such form as may be stipulated by the Commission from time to time.
- (4) Separate prior approval of the Commission shall be required for all capital expenditure schemes of a value exceeding Rs. 2.50 Crore.

58. Purchase of Electricity by the Generating station/Start up Power

- (1) Any person, who establishes, maintains and operates a generating station and normally does not need power from the licensee round the year, i.e. who is not a consumer of the licensee, may purchase electricity from any generating company or a distribution licensee in case his plant is not in a position to generate electricity to meet the its own requirement or for start up and consequently power is required to be drawn from distribution licensee.
- (2) In case of electricity generated from the plant is sold to the State Distribution Licensee, the electricity (in kWh) procured by the Generating Station from the State Distribution Licensee to meet its requirement of startup power, will be adjusted from the electricity sold to the Distribution Licensee. The Distribution Licensee shall make the payment for net energy sold to it by the Generating Company, i.e. difference of the total energy supplied by the Generating Company to the Distribution Licensee and energy supplied by the Distribution Licensee to the Generating Company.
- (3) In case of electricity generated from the plant is sold to third party other than the State Distribution Licensee, then such purchase of electricity by the generating company from the State distribution licensee, shall be charged as per the tariff determined by the Commission for temporary supply under appropriate "Rate Schedule of tariff" for Industrial Consumers considering maximum demand during the month as the contracted demand for that month. The Fixed/Demand charges for that month shall be payable for the number of days during which such supply is drawn. Such Generating Company shall, however, be exempted from payment of monthly minimum charges or monthly minimum consumption guarantee charges or any other charges.

64. Norms of Operation

The norms of operation, subject to modifications thereof from time to time, shall be as under:

i) Auxiliary Energy Consumption in the sub-station

The charges for auxiliary energy consumption in the sub-station for the purpose of air-conditioning, lighting, technical consumption, etc. shall be borne by the Transmission Licensee and included in the normative operation and maintenance expenses.

ii) Target Availability for recovery of full transmission charges

(a) AC System : 98%

(b) HVDC bi-pole links : 92%

(c) HVDC back-to-back stations : 95%

Note:

- (a) Recovery of fixed charges below the level of target availability shall be on pro-rata basis. At zero availability, no transmission charges shall be payable.
- (b) The target availability shall be calculated in accordance with procedure specified in Appendix- IV to these Regulations and shall be certified by Uttarakhand State Load Despatch Centre.

65. Operation and maintenance expenses

- Operation and Maintenance (O&M) expenses shall comprise of the following:-
 - (a) salaries, wages, pension contribution and other employee costs;
 - (b) administrative and general expenses including insurance charges if any;
 - (c) repairs and maintenance expenses.
- (2) The O&M expenses for the first year of the Control Period will be approved by the Commission taking into account the actual O&M expenses for last five years till Base Year subject to prudence check and any other factors considered appropriate by the Commission.
- (3) The O&M expenses for the nth year and also for the year immediately preceding the Control Period, i.e. 2012-13, shall be approved based on the formula given below:-

 $O\&M_n = R\&M_n + EMP_n + A\&G_n$

Where -

- O&Mn Operation and Maintenance expense for the nth year;
- EMPn Employee Costs for the nth year;

- R&Mn Repair and Maintenance Costs for the nth year;
- A&Gn Administrative and General Costs for the nth year;
- (4) The above components shall be computed in the manner specified below:

 $EMP_n = (EMP_{n-1}) \times (1+G_n) \times (CP_{Inflation})$

 $R\&M_n = K \times (GFA_{n-1}) \times (WP_{Inflation})$ and

 $A&Gn = (A&G_{n-1}) \times (WP_{Inflation}) + Provision$

Where -

- EMP_{n-1} Employee Costs for the (n-1)th year;
- A&G_{n-1} Administrative and General Costs for the (n-1)th year;
- Provision: Cost for initiatives or other one-time expenses as proposed by the Transmission Licensee and approved by the Commission after prudence check.
- 'K' is a constant specified by the Commission in %. Value of K for each year of the control period shall be determined by the Commission in the MYT Tariff order based on Transmission Licensee's filing, benchmarking of repair and maintenance expenses, approved repair and maintenance expenses vis-à-vis GFA approved by the Commission in past and any other factor considered appropriate by the Commission;
- CP_{Inflation} is the average increase in the Consumer Price Index (CPI) for immediately preceding three years;
- WP_{Inflation} is the average increase in the Wholesale Price Index (CPI) for immediately preceding three years;
- GFA_{n-1} Gross Fixed Asset of the Transmission Licensee for the n-1th year;
- Gn is a growth factor for the nth year. Value of Gn shall be determined by the Commission in the MYT tariff order for meeting the additional manpower requirement based on Transmission Licensee's filings, benchmarking and any other factor that the Commission feels appropriate:
- (5) Provided that repair and maintenance expenses determined shall be utilised towards repair and maintenance works only.

66. Non-Tariff Income

(1) The amount of non-tariff income relating to the Transmission Business as approved by the Commission shall be deducted from the Aggregate Revenue Requirement in determining the Annual Transmission Charges of the Transmission Licensee:

- (2) Provided that the Transmission Licensee shall submit full details of his forecast of non-tariff income to the Commission in such form as may be stipulated by the Commission from time to time.
- (3) The indicative list of various heads to be considered for non tariff income shall be as under:
 - (a) Income from rent on land or buildings;
 - (b) Income from sale of scrap;
 - (c) Income from statutory investments;
 - (d) Interest on delayed or deferred payment on bills;
 - (e) Interest on advances to suppliers/contractors;
 - (f) Rental from staff quarters;
 - (g) Rental from contractors;
 - (h) Income from hire charges from contactors and others;
 - (i) Income from advertisements, etc.;
 - (j) Miscellaneous receipts;
 - (k) Excess found on physical verification;
 - (I) Interest on investments, fixed and call deposits and bank balances;
 - (m) Prior period income.

Provided that the interest earned from investments made out of Return on Equity corresponding to the regulated business of the Transmission Licensee shall not be included in Non-Tariff Income.

67. Income from Other Business

Where the Transmission Licensee is engaged in any Other Business under Section 41 of the Act, an amount equal to one-third of the revenues from such Other Business after deduction of all direct and indirect costs attributed to such Other Business shall be deducted from the Aggregate Revenue Requirement in calculating the Annual Transmission Charges of the Transmission Licensee:

Provided that the Transmission Licensee shall follow a reasonable basis for allocation of all joint and common costs between the Transmission Business and the Other Business and shall submit the Allocation Statement, duly audited and certified by the Statutory Auditor, to the Commission along with his application for determination of tariff:

Provided further that where the sum total of the direct and indirect costs of such Other Business exceed the revenues from such Other Business for whatever reasons, no amount shall be allowed to be added to the Aggregate Revenue Requirement of the Transmission Licensee on account of such Other Business.

68. Computation and Payment of Transmission Charge

- (1) The Annual Transmission Charges for the Transmission Licensee shall be determined, based on the norms as specified in these Regulations and recovered on monthly basis as transmission charge from the users who shall share the Transmission Charge in proportion of the allotted transmission capacity;
 - Provided that the charges payable by the Transmission System Users may also take into consideration factors such as voltage, distance, direction, quantum of flow and time of use, as may be specified by the Commission in its order.
- (2) The transmission charge (inclusive of incentive) payable for a calendar month for a transmission system or part thereof shall be computed in accordance with the following equation:

ATC X [NDM/NDY] X [TAFM/NATAF]

Where

- ATC = Annual transmission charges specified for the year, in Rupees
- NATAF = Normative annual transmission availability factor, in per cent
- NDM = Number of days in the month
- NDY = Number of days in the year
- TAFM = Transmission system availability factor for the month, in Percent, computed in accordance with Appendix IV
- (3) The monthly Transmission Tariff as determined by the Commission as per Regulation 68
 (2) above shall be shared by all long-term and medium-term open access customers on monthly basis (including existing Distribution Licensees) in the ratio of their allotted, capacities.
- (4) The transmission licensee shall raise the bill for the transmission charge (inclusive of incentive) for a month based on its estimate of TAFM. Adjustments, if any, shall be made on the basis of the TAFM to be certified by the SLDC within 30 days from the last day of the relevant month.

69. Open Access Transactions

All the matters related to Open Access Transactions shall be dealt in accordance with Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Intra-State Open Access) Regulations, 2010 as applicable and as amended from time to time.

70. Transmission losses

The energy losses in the transmission system of the Transmission Licensee, as determined by the State Load Despatch Centre and approved by the Commission, shall be borne by the Transmission System Users pro-rata to their usage of the intra-State transmission system:

Provided that the Commission may stipulate a trajectory for reduction of transmission losses in accordance with Regulation 10, as a part of Multi Year Tariff framework applicable to the Transmission Licensee.

PART – VII TARIFF FOR DISTRIBUTION RETAIL SUPPLY

71. Applicability

These Regulations shall apply for determination of tariff for retail sale of electricity by a Distribution Licensee to its consumers:

Provided that Wheeling charges payable to Distribution Licensee, by an open access customer for usage of its system shall be determined in accordance with Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Intra-State Open Access) Regulations, 2010 as applicable and as amended from time to time:

Provided however, that any open access consumer who is directly connected to a transmission system shall not be required to pay any wheeling tariff.

72. Aggregate Revenue Requirement for each Financial Year of the Control Period

- (1) The total annual expenses and return on equity of the Distribution Licensee for each financial year of the Control Period shall be worked out on the basis of expenses and return allowed in terms of these Regulations.
- (2) The retail supply tariff of a Distribution Licensee for each financial year of the Control Period shall provide for recovery of the Aggregate Revenue Requirement of the Distribution Licensee for each financial year of the Control Period, as reduced by the amount of non-tariff income, income from wheeling in respect of open access customers, income from Other Business and receipts on account of cross-subsidy surcharge and additional surcharge for the relevant financial year, as approved by the Commission, and subsidy from the State Government for that financial year, if any, and shall comprise the following:--
 - (a) Cost of power purchase;
 - (b) Transmission charges;
 - (c) System Operation Charges i.e. Fee and Charges paid to NLDC/RLDC/SLDC;
 - (d) Interest on loan capital and on consumer security deposit;
 - (e) Depreciation, including and amortisation of intangible assets;
 - (f) Lease Charges;
 - (g) Operation and Maintenance expenses;
 - (h) Interest on working capital; and
 - (i) Return on equity capital;
 - (j) Income-tax.

- (3) Net Revenue Requirement from sale of electricity = Aggregate Revenue Requirement, as above, minus:
 - (a) Non-tariff income;
 - (b) Income from wheeling charges recovered from open access customers;
 - (c) Income from Other Business, to the extent specified in these Regulations;
 - (d) Receipts on account of cross-subsidy surcharge from open access consumers; and
 - (e) Receipts on account of additional surcharge on charges of wheeling from open access consumers;
 - (f) Any revenue subsidy or grant received from the State Government other than the subsidy under Section 65 of the Electricity Act, 2003.

73. Business Plan

- (1) Each Distribution Licensee shall submit a Business Plan by May 31, 2012, for the Control Period of three (3) financial years from April 1, 2013 to March 31, 2016 with full details as stipulated by the Commission from time to time and in the manner specified in Regulation 9 contained in Part II of these Regulations.
- (2) The Business Plan shall comprise among other details capital investment plan, financing plan and physical targets in accordance with guidelines and formats, as may be stipulated by the Commission from time to time.

74. Capital Investment Plan

- (1) The Distribution Licensee shall file a detailed capital investment plan, financing plan and physical targets for each financial year of the Control Period, for meeting the requirement of load growth, reduction in distribution losses, improvement in quality of supply, reliability, metering, consumer services, etc., to the Commission for approval as a part of Business Plan. The capital investment plan should be filed at the beginning of the Control Period.
- (2) The investment plan shall be a least cost plan for undertaking investments on strengthening and augmentation of the distribution system for meeting the requirement of load growth, reduction in distribution losses, improvement in quality of supply, reliability, metering, etc.
- (3) The investment plan shall cover all capital expenditure projects to be undertaken by the Distribution Licensee in the Control Period and shall be in such form as may be stipulated by the Commission from time to time.

- (4) The prior approval of the Commission shall be required for all capital expenditure schemes of a value exceeding Rs 2.50 Crore.
- (5) The investment plan shall be accompanied by such information, particulars and documents as may be required showing the need for the proposed investments, alternatives considered, cost/benefit analysis and other aspects that may have a bearing on the wheeling tariff and retail tariffs. The investment plan shall also include capitalisation schedule and financing plan.
- (6) The Distribution Licensee shall submit, along with the MYT Petition or along with the application for Annual Performance Review, details showing the progress of capital expenditure projects, together with such other information, particulars or documents as the Commission may require for assessing such progress.
- (7) The Commission shall consider and approve the Distribution Licensee's capital investment plan, with modifications as required. The costs corresponding to the approved investment plan of the Distribution Licensee for a given year shall be considered for its revenue requirement.

75. Petition for determination of Distribution Retail Supply Tariff

- (1) A Distribution Licensee shall make a petition for determination of retail tariff complying with the provisions of Part II of these Regulations.
- (2) A tariff petition filed by the Distribution Licensee for determination of tariff for the ensuing year shall contain data for the base year, actual and estimated data for the present year, and forecasts and targets for all the years of the Control Period based on the Distribution Licensee's business plan and principles contained in these Regulations.
- (3) The Commission shall determine Aggregate Revenue Requirement of a Distribution Licensee on MYT principles as laid down in these Regulations, for the Control Period specified under these Regulations.

76. Sales Forecast

(1) Considering the importance of capturing seasonal variation, Monthly Sales Forecast for the Control Period shall be done in respect of each consumer category/sub-category and to each tariff slab within such consumer category/sub-category, based on the past trends, as far as possible and shall be submitted to the Commission for approval along with the Business Plan. Suitable adjustments shall be made to reflect the effect of known and measurable changes with respect to number of consumers, the connected load and the energy consumption, thereby removing any abnormality in the past data:

Provided that where the Commission has stipulated a methodology for forecasting sales to any particular tariff category, the Distribution Licensee shall incorporate such methodology in developing the sales forecast for such tariff category.

- (2) Sales forecast for un-metered consumers shall be validated with norms as may be approved by the Commission from time to time.
- (3) The sales forecast shall be consistent with the load forecast prepared as part of the long-term power procurement plan submitted as a part of Business Plan under these Regulations and shall be based on past data and reasonable assumptions regarding the future.
- (4) The Commission shall examine the forecasts for reasonableness based on growth in number of consumers, the connected load and the energy consumption in previous years and anticipated growth in the next year and any other factor, which the Commission may consider relevant and approve sale of electricity to consumers with such modifications as deemed fit.

77. Monitoring of sale of electricity to consumers

- (1) On the basis of approved sales forecast, the Distribution Licensee shall work out requirement of monthly sales to different consumer categories, taking into account seasonal variations in demand during the year.
- (2) The Distribution Licensee shall monitor the sales to different consumer categories and ensure that sale to any category of consumer is not unduly restricted.
- (3) The Distribution Licensee shall submit monthly reports to the Commission regarding sale of electricity to different consumer categories.

78. Distribution losses

- (1) Energy loss in the distribution system shall be called Distribution Loss.
- (2) Distribution Loss above and up to a particular voltage level shall be calculated as the difference between the energy initially injected into the distribution system and the sum of

energy sold up to that level and energy delivered to next voltage level. Energy sold shall be the sum of metered sales and assessment of un-metered sales based on approved norms.

- % Distribution Loss above and up to a particular voltage level shall be expressed in terms of Distribution Loss up to that level as a percentage of the energy initially injected into the distribution system.
- (3) The Commission may require information on Circle-wise/Division-wise and/or month-wise Distribution loss calculation.
- (4) To substantiate the Distribution Loss calculations, the Commission may require the Distribution Licensee to conduct proper and reliable energy audit.
- (5) The Distribution Licensee shall also propose voltage-wise losses for each year of the control period for the determination of voltage-wise cost of supply. The Commission shall examine the filings made by the licensee for the distribution loss trajectory for each year of the control period and approve the same with modification as it may consider necessary.
- (6) The Commission may ask Distribution Licensee to submit detailed information on voltage-wise Distribution Losses segregating them into Technical loss (i.e., Ohmic/Core loss in the lines, substations and equipment) and Commercial Loss (i.e., unaccounted energy due to metering inaccuracies/inadequacies, pilferage of energy, etc.). The Commission shall examine the filings made by the Distribution Licensee in respect of distribution loss (segregated into technical loss and commercial loss) and approve the same with modification, as it may consider necessary.
- (7) The Commission may fix targets, both long term and short term, for each year of control period for loss reduction to bring down the Distribution loss levels (both technical and commercial) gradually to acceptable norms of efficiency based on the information submitted by the Distribution Licensee.

79. Availability of Power

- (1) For the tariff year, monthly availability of power shall be ascertained on the basis of the following:--
 - From Central/State Sector Generating Stations
 - (a) Distribution Licensee's share in the allocated and unallocated capacity in the Central/State Sector Generating Stations;

- (b) Likely availability of energy from each generating station based on projections given by the generators and the historical data of supply from the generators; or
- (c) The PLF/Generation targets for the Station fixed by Central Electricity Authority; or
- (d) The historical performance of the Station adjusted for any planned maintenance or shut-downs.

ii. From other sources:

- (a) Distribution Licensee's banking arrangement with any other Distribution Licensee, Board or Trading Licensee;
- (b) Distribution Licensee's agreement with any other Distribution Licensee, Board, Generating Company or Trading Licensee regarding purchase of power.

80. Estimate of power purchase requirement

- (1) The Distribution Licensee shall prepare a long term plan for procurement of power to serve the demand for electricity in its area of supply and submit such plan to the Commission for approval along with the Business Plan Petition / MYT Petition. The long-term procurement plan should be prepared considering the:
 - (a) Quantitative forecast of the unrestricted demand for electricity, within the area of supply, from each tariff category over the Control Period;
 - (b) An estimate of the quantities of electricity supply from the approved sources of generation and power purchase;
 - (c) Measures proposed to be implemented as regards energy conservation and energy efficiency;
 - (d) Minimum share of renewable energy percentage;
 - (e) Requirement for new sources of power generation and/or procurement;
 - (f) Approved level of transmission and distribution losses.
- (2) Any variation, during any quarter of a financial year, in the quantum or cost of power procured and any procurement from sources other than that mentioned in the power procurement plan approved by the Commission, in excess of Five (5) percent of the quantum or cost, as the case may be, of power procurement for such quarter, as approved by the Commission in the power procurement plan of the Distribution Licensee, shall be done only with the prior approval of the Commission:

- (3) Where there has been a shortfall or failure in the supply of electricity from any approved source of supply during the financial year, the Distribution Licensee may enter into a short-term arrangement or agreement for procurement of power without the prior approval of the Commission, where the tariff for power procured under such arrangement or agreement is determined in accordance with:
 - (a) A transparent process of bidding in accordance with competitive bidding guidelines issued by the Central Government;
 - (b) When the tariff of such generating station has been approved by the Appropriate Commission;
 - (c) When the Commission has specified the minimum and maximum ceiling price for power procurement under any contingency situation and power purchase price is within that band;
 - (d) When the Distribution Licensee has identified a new short-term source of supply from which power can be procured at a tariff that reduces his approved total power procurement cost. Such new sources shall include power procurement from Trading Licensees as well as power procurement through other trading platforms such as power exchange;
 - (e) Procurement by way of 'banking' transactions;
 - (f) When faced with emergency conditions that threaten the stability of the distribution system or when directed to do so by the State Load Despatch Centre to prevent grid failure:

Provided that in such cases, the Distribution Licensee shall obtain post facto approval from the Commission within 15 days of such power procurement for which prior approval was not taken.

- (4) For purchase of electricity from sources outside the State, the transmission loss level agreed to in PPA or worked out from energy accounts of RLDC/SLDC whichever is less shall be accepted.
- (5) The Commission shall scrutinize and approve the power purchase requirement with such modifications as deemed fit for the ensuing year and for the tariff period under consideration.

81. Power Purchase Cost

- (1) The power purchase/banking/trading agreements as approved by the Commission shall be considered to determine the power purchase cost of the distribution licensee.
- (2) For the Control Period, the Distribution Licensee's requirement of power purchase for sale to its consumers shall be estimated based on the sales forecast, the transmission loss and target distribution loss level for the Control Period.
- (3) For the Control Period, the cost of electricity procured from State Generating Stations shall be determined based on tariffs approved by the Commission for purchase of electricity from such generating Station and that of electricity procured from Central Sector Generating Station shall be determined based on tariffs approved by the Central Electricity Regulatory Commission's for such Generating Stations. The cost of energy from other sources shall be as per the power purchase/banking/trading agreements as may be approved by the Commission.
- (4) For different years under the Control Period, the power purchase cost of Distribution Licensee's shall be estimated on the basis of merit order principle. All power purchase costs will be considered legitimate unless it is established that the merit order principle has been materially violated or power has been purchased at unreasonable rates.
- (5) For determining the total power purchase cost of the Distribution Licensee for different years of the control period the Commission shall also consider the renewable purchase obligation of the Distribution Licensee and the tariffs determined by the Commission for different types of renewable sources under relevant regulations/orders.
- (6) While the inter-state transmission charges shall be estimated as per orders of the Central Electricity Regulatory Commission, the intra-state transmission charges shall be estimated in accordance with the transmission tariffs approved by the Commission, from time to time. Further, load despatch charges payable to System Operators (National load Despatch Centre, Regional Load Despatch Centre, State Load Despatch Centre etc.) for availing load despatch services shall be estimated in accordance with the Fee & Charges approved by the Appropriate Commission, from time to time,. SLDC charges paid for energy sold outside the State shall not be considered as expenses for determining tariff.

82. Variation in Power Purchase

Any power purchased by Distribution Licensee over and above the requirement of power approved by the Commission or variation in the mix of power purchased in any year shall be considered by the Commission if it is for reasons beyond the reasonable control of the Distribution Licensee and the resultant financial loss or gain shall be adjusted in next years' tariff.

83. Fuel Charge Adjustment (FCA)

- (1) The FCA charge shall be applicable on the entire sale of the Distribution Licensee without any exemption to any consumer.
- (2) The FCA charge shall be computed and charged on the basis of actual variation in fuel costs relating to power generated from own generation stations and power procured during any month subsequent to such costs being incurred, in accordance with these Regulations, and shall not be computed on the basis of estimated or expected variations in fuel costs.
- (3) The FCA charge for the quarter shall be computed within 15 days of quarter end and shall be charged for the quarter from the first month of second quarter itself, without prior approval of the Commission and under or over recovery shall be carried forward to the next quarter.
- (4) The Distribution Licensee shall submit the details of incremental fuel cost incurred and to be charged to all the consumers for the entire quarter, along with the detailed computations and supporting documents as may be required for verification by the Commission within 30 days of the end of quarter for post facto approval of the Commission.
- (5) The Commission shall examine the FCA computations and approve the same with modifications, if required before the end of second quarter. Any variation in FCA charged by the Distribution Licensee and FCA approved by the Commission will be adjusted in subsequent quarter's FCA computations.
- (6) In case the Distribution Licensee is found guilty of charging unjustified FCA charge to the consumers on regular basis, the Commission shall adjust the unjustified charges along with interest on the same.
- (7) The Distribution Licensee shall upgrade the billing and IT systems to incorporate FCA charge as a component in tariff design.
- (8) The formula for calculation of the FCA shall be as given under:

FCA (Rs. Crore) = C + B,

Where

FCA = Fuel Cost Adjustment

C = Change in cost of own generation and power purchase due to the variation in the fuel cost,

B = Adjustment factor for over-recovery / under-recovery for previous quarter

C (Rs. Crores) = $A_{FC,Gen} + AF_{C,PP}$,

Where:

A_{FC,Gen}: Change in fuel cost of own generation. This would be computed based on the norms and directives of the Commission, including heat rate, auxiliary consumption, generation and power purchase mix, etc.

A_{FC,PP}: Change in energy charges of power procured from other sources. This change would be allowed to the extent it satisfies the criteria prescribed in these Regulations and the prevailing tariff order, and subject to applicable norms.

(9) The FCA charge for any category shall not exceed 10% of the base energy charge for respective category, or such other ceiling as may be stipulated by the Commission from time to time:

Provided that any excess in the FCA charge over the above ceiling shall be carried forward by the Distribution Licensee and shall be recovered over such future period as may be directed by the Commission.

(10) Calculation of FCA charge shall be as per the following formula:

Average FCA Charge (Rs/kWh)= (FCA/(Metered sales+Unmetered consumption estimates + Excess distribution losses))*10

Excess distribution loss = Energy Input - Energy Sales - (distribution loss % as specified by the Commission * Energy input)

(11) Category wise FCA Charge (Rs/kWh) shall be calculated as per the following formula: Average Billing Rate (ABR) of Consumer Category (in Rs/kWh) as approved in Tariff Order for the year/ Average Billing Rate (ABR) of Distribution Licensee (in Rs/kWh) as approved in Tariff Order for the year x Average FCA (in Rs/kWh).

84. Operation and Maintenance Expenses

- (1) Operation and Maintenance (O&M) expenses shall comprise of the following:-
 - (a) Salaries, wages, pension contribution and other employee costs;
 - (b) Administrative and general expenses including insurance charges if any;
 - (c) Repairs and maintenance expenses;
- (2) The O&M expenses for the first year of the Control Period shall be approved by the Commission taking into account the actual O&M expenses for last five years till Base Year subject to prudence check and any other factors considered appropriate by the Commission.
- (3) The O&M expenses for the nth year and also for the year immediately preceding the Control Period, i.e. 2012-13, shall be approved based on the formula given below:—

$$O\&M_n = R\&M_n + EMP_n + A\&G_n$$

Where -

- O&Mn Operation and Maintenance expense for the nth year;
- EMPn Employee Costs for the nth year;
- R&Mn Repair and Maintenance Costs for the nth year;
- A&Gn Administrative and General Costs for the nth year.
- (4) The above components shall be computed in the manner specified below:—

EMP_n = (EMP_{n-1}) x (1+G_n) x (CP_{Inflation})
R&Mn = K x (GFA_{n-1}) x (WP_{Inflation}) and
A&Gn = (A&G_{n-1}) x (WP_{Inflation}) + Provision
Where
$$\sim$$

- EMP_{n-1} Employee Costs for the (n-1)th year;
- A&G_{n-1} Administrative and General Costs for the (n-1)th year;
- Provision: Cost for initiatives or other one-time expenses as proposed by the
 Distribution Licensee and validated by the Commission.
- 'K' is a constant specified by the Commission in %. Value of K for each year of the
 control period shall be determined by the Commission in the MYT Tariff order
 based on licensee's filing, benchmarking of repair and maintenance expenses,
 approved repair and maintenance expenses vis-à-vis GFA approved by
 the Commission in past and any other factor considered appropriate
 by the Commission;

- CP_{Inflation} is the average increase in the Consumer Price Index (CPI) for immediately preceding three years;
- WP_{Inflation} is the average increase in the Wholesale Price Index (CPI) for immediately preceding three years;
- GFA_{n-1} Gross Fixed Asset of the transmission licensee for the n-1th year;
- G_n is a growth factor for the nth year. Value of G_n shall be determined by the
 Commission in the MYT tariff order for meeting the additional manpower
 requirement based on licensee's filings, benchmarking, and any other factor that the
 Commission feels appropriate:

Provided that repair and maintenance expenses determined shall be utilised towards repair and maintenance works only.

85. Interest on Consumer security deposits

Interest on Consumer security deposits shall be at the rate as may be decided by the Commission from time to time.

86. Non-Tariff Income

The amount of non-tariff income relating to the Distribution Business and/or the Retail Supply Business as approved by the Commission shall be deducted from the Aggregate Revenue Requirement in calculating the revenue requirement from retail sale of electricity of the Distribution Licensee:

Provided that the Distribution Licensee shall submit full details of his forecast of non-tariff income to the Commission along with his application for determination of tariff.

The indicative list of various heads to be considered for Non-Tariff Income shall be as under:

- (a) Income from rent of land or buildings;
- (b) Income from sale of scrap;
- (c) Income from statutory investments;
- (d) Interest on delayed or deferred payment on bills;
- (e) Interest on advances to suppliers/contractors;

- (f) Rental from staff quarters;
- (g) Rental from contractors;
- (h) Income from hire charges from contactors and others;
- (i) Income from advertisements, etc.;
- (j) Miscellaneous receipts;
- (k) Interest on advances to suppliers;
- (l) Excess found on physical verification;
- (m) Prior period income.

87. Income from Wheeling Charges

The amount of any income from Wheeling Charges, as approved by the Commission, in accordance with the UERC (Terms & Conditions of Intra-State Open Access) Regulations, 2010, as amended from time to time, shall be deducted from the Aggregate Revenue Requirement in calculating the revenue requirement from retail sale of electricity of the Distribution Licensee.

88. Income from Other Business

Where the Distribution Licensee has engaged in any Other Business, an amount equal to one-third of the revenues from such Other Business after deduction of all direct and indirect costs attributed to such Other Business shall be deducted from the Aggregate Revenue Requirement in calculating the revenue requirement from retail sale of electricity of the Distribution Licensee:

Provided that the Distribution Licensee shall follow a reasonable basis for allocation of all joint and common costs between the Distribution Business and the Other Business and shall submit the Allocation Statement, duly audited and certified by statutory auditors, to the Commission along with his application for determination of tariff:

Provided further that once the Commission notifies the Regulations for submission of Regulatory Accounts, the applications for tariff determination and truing up shall be based on the Regulatory Accounts:

Provided further that where the sum total of the direct and indirect costs of such Other Business exceed the revenues from such Other Business or for any other reason, no amount shall be allowed to be added to the Aggregate Revenue Requirement of the Distribution Licensee on account of such Other Business.

89. Receipts on account of cross-subsidy surcharge and additional surcharge

- (1) The amount received by the Distribution Licensee by way of cross-subsidy surcharge, as approved by the Commission in accordance with the UERC (Terms & Conditions of Intra-State Open Access) Regulations, 2010, as amended from time to time, shall be deducted from the Aggregate Revenue Requirement in calculating the revenue requirement from retail sale of electricity of such Distribution Licensee.
- (2) The amount received by the Distribution Licensee by way of additional surcharge, from consumers of such Distribution Licensee who have chosen to receive supply of electricity from a Generating Company or Licensee other than such Distribution Licensee, as approved by the Commission in accordance with the UERC (Terms & Conditions of Intra-State Open Access) Regulations, 2010, as amended from time to time, shall be deducted from the Aggregate Revenue Requirement in calculating the revenue requirement from retail sale of electricity of such Distribution Licensee.

90. State Government Subsidy

- (1) In case the State Government declares subsidy under Section 65 of Electricity Act, 2003 for certain categories of consumers in advance or during tariff filing proceedings, the Commission shall notify two tariff schedules, one with subsidy and other without subsidy.
- (2) In case the State Government declares subsidy for certain categories of consumers after notification of Tariff Order, the Licensee shall incorporate the same in the tariff and submit the revised Tariff Schedule for approval of the Commission:
 - Provided that the Government's subsidy provided for or declared shall be supported by documentary evidence of time schedule of payment, mode of payment of the subsidy and categorization of the subsidy amount into subsidized categories.
- (3) In case of non-disbursement or delayed disbursement of subsidy by the Government, the Licensee shall charge the consumers as per the tariff schedule which is approved by the Commission without Government Subsidy.

91. Revenue at existing Tariff

- (1) Revenue from supply of electricity to consumers shall be assessed based on current tariff applicable to different category of consumers and the quantity of electricity estimated to be sold to them.
- (2) For the tariff year, the difference between the Net ARR and the Forecasted Revenue at prevailing tariff shall be called the Revenue Gap.
- (3) The revenue gap shall be bridged by measures such as improvements in efficiency, utilisation of reserves, tariff changes, etc. as may be approved by the Commission.

92. Cost of Supply

The tariffs for various categories/voltages shall be benchmarked with and shall progressively reflect the cost of supply based on costs that are prudently incurred by the Distribution Licensee in its operations. The category-wise/voltage-wise cost to supply may factor in such characteristics as the load factor, voltage, extent of technical and commercial losses etc. The consumers availing electricity at higher voltage shall be entitled to receive suitable rebate, as stipulated by the Commission. However, pending the availability of information that reasonably establishes the category wise/ voltage-wise cost to supply, average cost of supply shall be used as the benchmark for determining tariffs.

93. Determination of Retail Supply Tariff

- (1) While determining tariff for retail supply of electricity, the Commission shall be guided by the provisions of Section 61 and 62 of the Act.
- (2) The Commission, shall not, while determining the tariff, show undue preference to any consumer of electricity but may differentiate according to consumer's load factor, voltage, total consumption of electricity during any specified period or time at which the supply is required or the geographical position of any area, the nature of supply and the purpose for which the supply is required.
- (3) The Distribution Licensee in the tariff petition shall propose the suitable tariff structure for different category of consumers. The Distribution Licensee may further propose kVAh/ToD based tariffs for categories considered appropriate by it for such implementation.

(4) The Commission may merge categories and sub categories to evolve a simple, easy to comprehend and logical tariff structure.

94. Performance of Distribution Licensee

- (1) The quality of service provided by the Distribution Licensee to its consumers shall be an important consideration and shall be judged by the extent of adherence by the Distribution Licensee to the standards of performance laid down by the Commission.
- (2) The Commission may by a separate order, lay down long term targets for technical improvement of the distribution system like supply availability, wires availability, reduction in transformer failure rate, reduction in voltage imbalance, reduction in nonworking/defective meters, etc.

PART - VIII

SLDC CHARGES

95. Applicability

Regulations in this part shall apply to the users of intra-State transmission system (i.e. Generating Companies, Licensees (i.e. Transmission, Distribution & Trading Companies) and Open Access Customers), who are monitored/serviced by the State Load Despatch Centre (SLDC) and utilized for determination of Fees and Charges to be collected by the SLDC.

96. Application for Registration with SLDC

- (1) Each of the users of intra-State transmission system, which come under the purview of SLDC, shall register themselves with the SLDC, within a month of coming into force of these Regulations, by filing an application to the SLDC along with the fee of Rs 10,000 (Rupees Ten Thousand only) or such amended fees as may be decided by the Commission from time to time.
- (2) The new users of intra-State transmission system coming under the purview of SLDC, shall submit an application to the SLDC, at least one month before the proposed date of connection to the Intra-State transmission system, along with the above-mentioned Fee.
- (3) After being satisfied with the completeness and correctness of the information furnished in the application, the SLDC, shall register the application in its records and duly intimate the applicant regarding such registration.
- (4) The SLDC shall maintain consolidated information about all the users connected to the Intra-State transmission system and being monitored / serviced by it, on a separate webpage on their web-site.

97. Petition for determination of SLDC Charges

(1) The SLDC shall provide to the Commission, full details of its calculations of its Aggregate Revenue Requirement for the ensuing financial year, not later than four months before the commencement of the said ensuing Year.

- (2) The total annual expenses and return on equity of the SLDC for each financial year of the Control Period shall be worked out on the basis of expenses and return allowed in terms of these Regulations.
- (3) The SLDC shall also file the proposed allocation of charges to all the users of intra State Transmission System being monitored and serviced by it in line with these Regulations. SLDC shall further forward a copy of its petition for determination of Aggregate Revenue Requirement along with the proposal for allocation of charges to all the users of intra State Transmission System being monitored and serviced by it.
- (4) The SLDC shall provide the details of calculation of the expenses and other related information in the formats as specified by the Commission from time to time.
- (5) The SLDC shall also furnish the details of capital investment plan for the control period. For capital investment schemes costing above Rupees Two Crore Fifty Lakhs, approval of the Commission shall be obtained in respect of each of such schemes prior to commencement of works.
- (6) The Aggregate Revenue Requirement and other details filed by the SLDC shall be scrutinised and as a result of such scrutiny, the Commission may call for such further information and clarification as may be required.
- (7) Based on the information furnished by SLDC and after due examination, scrutiny and consultation process, the Commission will approve the Aggregate Revenue Requirement covering the expenses of the SLDC and determine the SLDC Charges.
- (8) In the event of non-revision of SLDC charges during any year, any variation (shortfall or excess) in recovery of SLDC charges shall be carried forward to the next financial year and adjusted as may be decided by the Commission.
- (9) The SLDC shall submit periodic returns containing operational and cost data, as may be prescribed by the Commission.
- (10) All filings and application for determination of SLDC Charges shall be made in conformity with the stipulations made in these Regulations.

98. Levy of SLDC Charges

All expenses incurred by the SLDC, established by the State Government under Section 31 of the Act, shall be accounted for separately:

Provided that if on the date of publication of these Regulations, the State Transmission Utility (STU) is operating the State Load Despatch Centre and performing the functions under the Act, as provided under sub-clause (2) of Section 31 of the Act, the STU shall maintain separate accounts for expenses related to operation of the State Load Despatch Centre:

Provided further that till such time the accounts are not segregated, the STU shall apportion its costs on the basis of an Allocation Statement to be submitted to the Commission with all relevant details.

99. Annual SLDC Charges

The annual charges to be recovered by the SLDC shall include the component of Return on Equity and also the following expenses:—

- (a) O&M expenses;
- (b) Return on Equity;
- (c) Depreciation;
- (d) Lease Charges;
- (e) Interest and Finance charges;
- (f) Income Tax, if any;
- (g) Interest on working capital, if any;
- (h) Any other expenses incidental to discharging the functions of SLDC as deemed appropriate by the Commission; minus
- Non-tariff income including but not limited to interest on investment, fees/charges other than SLDC charges, Income from sale of scrap, etc.

100. Operation and Maintenance Expenses

- (1) Operation and Maintenance (O&M) expenses shall comprise of the following:-
 - (a) Salaries, wages, pension contribution and other employee costs;
 - (b) Administrative and general expenses including insurance charges if any;
 - (c) Repairs and maintenance expenses;

- (2) The O&M expenses for the first year of the Control Period will be approved by the Commission taking into account actual O&M expenses of the previous years and any other factors considered appropriate by the Commission.
- (3) The O&M expenses for the nth year and also for the year immediately preceding the Control Period, i.e. 2012-13, shall be approved based on the formula given below:-

$$O\&M_n = R\&M_n + EMP_n + A\&G_n$$

Where -

- O&Mn Operation and Maintenance expense for the nth year;
- EMPn Employee Costs for the nth year;
- R&Mn Repair and Maintenance Costs for the nth year;
- A&Gn Administrative and General Costs for the nth year.
- (4) The above components shall be computed in the manner specified below:

$$EMP_n = (EMP_{n-1}) \times (1+G_n) \times (CP_{Inflation})$$

 $R&M_n = K \times (GFA_{n-1}) \times (WP_{Inflation})$ and

$$A&G_n = (A&G_{n-1}) \times (WP_{Inflation}) + Provision$$

Where -

- EMP_{n-1} Employee Costs for the (n-1)th year;
- A&G_{n-1} Administrative and General Costs for the (n-1)th year;
- Provision: Cost for initiatives or other one-time expenses as proposed by the SLDC and validated by the Commission.
- 'K' is a constant specified by the Commission in %. Value of K for each year
 of the control period shall be determined by the Commission in the MYT
 Tariff order based on SLDC's filing, benchmarking of repair and
 maintenance expenses, approved repair and maintenance expenses vis-à-vis
 GFA approved by the Commission in past and any other factor considered
 appropriate by the Commission;
- CP_{Inflation} is the average increase in the Consumer Price Index (CPI) for immediately preceding three years;

- WP_{Inflation} is the average increase in the Wholesale Price Index (CPI) for immediately preceding three years;
- GFA_{n-1} Gross Fixed Asset of the transmission licensee for the n-1th year;
- G_n is a growth factor for the nth year. Value of Gn shall be determined by the Commission in the MYT tariff order for meeting the additional manpower requirement based on SLDC's filings, benchmarking, and any other factor that the Commission feels appropriate:

Provided that repair and maintenance expenses determined shall be utilised towards repair and maintenance works only.

101. Basis for collection of SLDC charges

- (1) The annual SLDC charges as determined by the Commission shall be allocated between the Beneficiaries using the intra-State transmission system on the basis of contracted transmission capacity:
 - Provided further that SLDC shall be entitled to levy and collect fee and charges for any other services rendered to the users and power exchanges as specified in any other regulations.
- (2) The Short-term open access customers using the intra-State transmission system shall however pay only such scheduling charges to the SLDC as may be specified by the Commission.

102. Billing of SLDC Charges:

- (1) The SLDC shall furnish necessary monthly bills at the rate of one twelfth of the annual charges as approved by the Commission, to the users of intra State Transmission System being monitored and serviced by it for each billing month within seven days after the last day of the preceding month:
 - Provided that for the purpose of billing and collection of the prescribed charges, a fraction of a MW shall be treated as one full MW.
- (2) The Beneficiaries shall make payment to the SLDC of the amounts due within one month of the date of receipt of the bill.

- (3) Disputes arising out of billing of SLDC charges shall be, as far as possible, settled by mutual negotiations. If the disputes are not resolved through mutual negotiations within sixty (60) days of the receipt of the bills, the matter shall be referred to the Commission through a petition by either of the parties. The decision of the Commission shall be final and binding on all the parties.
- (4) Pending resolution of the dispute, 90% of the bill amount shall be paid under protest within the due date.

PART IX

MISCELLANEOUS

103. Savings

- (1) Nothing in these Regulations shall be deemed to limit or otherwise affect the power of the Commission to make such orders as may be necessary to meet the ends of justice.
- (2) Nothing in these Regulations shall bar the Commission from adopting in conformity with 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 a class of matters, deems it just or expedient for deciding such matter or class of matters.
- (3) Nothing in these Regulations shall, expressly or implied, bar the Commission dealing with any matter or exercising any power under the Act for which no Regulations have been framed, and the Commission may deal with such matters, powers and functions in a manner, as it considers just and appropriate.

104. Powers to Remove Difficulties

If any difficulty arises in giving effect to any of the provisions of these Regulations, the Commission may by general or special order give directions, not being inconsistent with the Act, which appears to the Commission to be necessary or expedient for the purpose of removing difficulties.

105.Power to Amend

The Commission may, at any time add, vary, alter, modify or amend any provision of these Regulations.

Appendix,- I

Timeline for completion of Projects

[Refer to first proviso to Regulation 27(2)]

- (1) The completion time schedule shall be reckoned from the date of investment approval by the Board (of the generating company or the transmission licensee), or the CEA clearance as the case may be, up to the date of commercial operation of the units or block or element of transmission project as applicable.
- (2) The time schedule has been indicated in months in the following paragraphs and tables:
 - i) Thermal Power Projects

Coal/Lignite Power Plant

Unit size 200/210/250/300/330 MW and 125 MW CFBC technology

- (a) 33 months for green field projects. Subsequent units at an interval of 4 months each.
- (b) 31 months for extension projects. Subsequent units at an interval of 4 months each.

Unit size 250 MW CFBC technology

- (a) 36 months for green field projects. Subsequent units at an interval of 4 months each.
- (b) 34 months for extension projects. Subsequent units at an interval of 4 months each.

Unit size 500/600 MW

- (a) 44 months for green field projects. Subsequent units at an interval of 6 months each.
- (b) 42 months for extension projects. Subsequent units at an interval of 6 months each.

Unit size 660/800 MW

- (a) 52 months for green field projects. Subsequent units at an interval of 6 months each.
- (b) 50 months for extension projects. Subsequent units at an interval of 6 months each.

Combined Cycle Power Plant

Gas Turbine size upto 100 MW (ISO rating)

- (a) 26 months for first block of green field projects. Subsequent blocks at an interval of 2 months each.
- (b) 24 months for first block of extension projects. Subsequent units at an interval of 2 months each.

Gas Turbine size above 100 MW (ISO rating)

- (a) 30 months for first block of green field projects. Subsequent blocks at an interval of 4 months each.
- (b) 28 months for first block of extension projects. Subsequent units at an interval of 4 months each.

ii) Hydro Electric Projects

The qualifying time schedule for hydro electric projects shall be as stated in the original concurrence issued by the Central Electricity Authority under section 8 of the Act.

A. Transmission Schemes

(Qualifying time schedules in months)

Sl. No.	Transmission Work	Plain Area (Months)	Hilly Terrain (Months)	Snow Bound Area/very difficult Terrain (Months)
a.	400 KV D/C Quad Transmission line	32	38	42
b.	400 KV D/C Triple Transmission line	30	36	40
c.	400 KV D/C Twin Transmission line	28	34	38
d.	400 KV S/C Twin Transmission line	24	30	34
e.	220 KV/132 kV D/C Twin Transmission line	28	34	- 38
f.	220 KV/132 kV D/C Transmission line	24	30	34
g.	220 KV/132 kV S/C Transmission line	20	26	30
h.	New 220 KV/132 kV AC Sub-Station	18	21	24
i.	New 400 KV AC Sub-Station	24	27	30

Notes:

- (i) In case a scheme having combination of the above mentioned types of projects, the qualifying time schedule of the activity having maximum time period shall be considered for the scheme as a whole.
- (ii) In case a transmission line falls in plain as well as in hilly terrain/snow bound area/very difficult terrain, the composite qualifying time schedule shall be calculated giving proportional weightage to the line length falling in each area.

Appendix - II: Depreciation Schedule

[Refer to Regulation 29(5)]

r.	Assert Particulars	Depreciation
-+		SLM
1	Land under full ownership	0.00%
	Land under lease	
a)	For Investment in the land	3.34%
b)	For cost of clearing the site	3.34%
c)	Land for reservoir in case of hydro generation station	3.34%
2	Assets purchased new	
(a)	Pl & Machinery in generation stations	
(i)	Hydro electric	5.28%
(ii)	Steam electric NHRB & waste heat recovery boilers	5.28%
(iii)	Diesel electric and gas plant	5.28%
(b)	Cooling towers & circulating water systems	5.28%
(c)	Hydraulic works forming part of the Hydro	
<u>(i)</u>	Dams, Spillways, Weirs, Canals, Reinforced concrete	5.28%
(ii)	Reinforced concrete pipelines and surge tanks, steel	5.28%
(d)	Building & Civil Engineering works of a	
(i)	Offices and showrooms	3.34%
(ii)	Containing thermo-electric generation plant	3.34%
(iii)	Containing hydro-electric generation plant	3.34%
(iv)	Temporary erections such as wooden structures	100.00%
(v)	Roads other than Kutcha roads	3.34%
(vi)	Others	3.34%
(e)	Transformers, Kiosk, sub-station equipment & other	
(i)	Transformers including foundations having rating of 100	5.28%
(ii)	Others	5.28%
f	Switchgear including cable connections	5.28%
g	Lightning arrestor	
(i)	Station type	5,28%
(ii)	Pole type	5.28%
(iii)	Synchronous condenser	5.28%

Sr.	Assert Particulars	Depreciation
h	Batteries	5.28%
(i)	Underground cable including joint boxes and disconnected boxes	5.28%
(ii)	Cable duct system	5.28%
i	Overhead lines including cable support	
(i)	Line on fabricated steel operating at terminal voltage higher than 66KV	5.28%
(ii)	Lines on steel supports operating at terminal voltages higher than 13.2 KV but not exceeding 66KV	5.28%
(iii)	Lines on steel on reinforced concrete support	5.28%
(iv)	Lines on treated wood support	5.28%
j	Meters	5.28%
k	Self Propelled vehicles	9.50%
1	Air Conditioning Plants	
(i)	Static	5.28%
(ii)	Portable	9.50%
m(i)	Office furniture and furnishing	6.33%
(ii)	Office equipment	6.33%
(iii)	Internal wiring including fittings and apparatus	6.33%
(iv)	Street Light fitting	5.28%
n	Apparatus let on hire	
(i)	Other than motors	9.50%
(ii)	Motors	6.33%
0	Communication equipment	
(i)	Radio and high frequency carrier system	6.33%
(ii)	Telephone lines and telephone	6.33%
p	I. T equipments	15.00%
q	Any other assets not covered above	5.28%

Appendix - III

Guidelines for Determination of Normative Annual Plant Availability Factor (NAPAF) of various Hydro Generating Stations

[Refer to second proviso to Regulation 51(1)]

Normative Annual Plant Availability Factor (NAPAF) of various Hydro Generating Stations shall be determined based on following criteria / guidelines:

- (i) Storage and pondage type plants with head variation between Full Reservoir Level (FRL) and Minimum Draw Down Level (MDDL) of up to 8% and where plant availability is not affected by silt: 90%
- (ii) In case of Storage and pondage type plants with head variation between Full Reservoir Level and Minimum Draw Down Level of more than 8% and where plant availability is not affected by silt, the month wise peaking capability as provided by the project authorities in the DPR (approved by CEA or the State Govt.), shall form basis of fixation of NAPAF.

This has been explained with the following example,

Installed capacity: 4x250 MW

Month	Expected Avg. of daily 3-hour peaking	
	capacity	
April	701	
May	448	
June	133	
July	497	
August	544	
September	990	
October	1000	
November	1000	
December	1000	
January	1000	
February	1000	
March	693	

Weighted average of expected daily peaking capability= 790 MW

Peaking capacity is based on the assumption that one unit shall be under annual maintenance during month of May, July, February and March.

Considering 2% allowance on plant capacity on account of forced outages during the year, expected average peaking capacity= 770 MW

Thus, NAPAF= 770/1000= 77%

- (iii) Pondage type plants where plant availability is significantly affected by silt, a margin of 5% has been allowed and NAPAF shall be 85%
- (iv) In case of purely Run-of-river type plants, NAPAF shall be determined plant wise, based on its 90% dependable 10-daily inflows pattern as approved in the DPR of the project.
- (v) A further allowance may be made by the Commission while determining the NAPAF under special circumstances i.e. abnormal silt problem or other operating conditions and known plant limitations.
- (vi) When head variation between FRL and MDDL is more than 8%, following multiplying factors shall be applied:

Multiplying factor for head variation = (Head at MDDL/Rated Head) \times 0.5+ 0.52

Appendix - IV

Procedure for calculation of Transmission System Availability

[Refer Note (b) to Regulation 64(ii)]

- (1) The transmission elements shall be grouped into following categories for the purpose of calculation of availability of Transmission Systems:
 - i) AC transmission lines: Each circuit of AC transmission line shall be considered as one element.
 - ii) Inter-Connecting Transformers (ICTs): Each ICT bank (three single phase transformer together) shall form one element.
 - iii) Static VAR Compensator (SVC): SVC along with SVC transformer shall form one element. However, 50% credit to inductive and 50% to capacitive rating shall be given.
 - iv) Switched Bus Reactor: Each switched Bus Reactor shall be considered as one element.
 - v) HVDC links: Each pole of HVDC link along with associated equipment at both ends shall be considered as one element.
 - vi) HVDC back-to-back station: Each block of HVDC back-to-back station shall be considered as one element. If associated AC line (necessary for transfer of interregional power through HVDC back-to-back station) is not available, the HVDC back-to-back station block shall also be considered as unavailable.
- (2) The Availability of Transmission system shall be calculated as under:

$$\% \textit{SystemAvalabilityforACsystem} = \frac{o \times AVo + q \times AVq + r \times AVr + s \times AVs}{o + q + r + s} \times 100$$

$$\% \textit{SystemAvalabilityforHVDCsystem} = \frac{p \times AVp + t \times AVt}{p + t} \times 100$$

Where

o is Total number of AC lines.
 AVo is Availability of o number of AC lines.
 p is Total number of HVDC poles.

AVp is Availability of p number of HVDC poles.

q is Total number of ICTs.

AVq is Availability of q number of ICTs.

r is Total number of SVCs.

AVr is Availability of r number of SVCs.

- s is Total number of switched bus reactors
- AVs is Availability of s number switched bus reactors
- t is Total number of HVDC back-to-back station blocks.
- AVt is Availability of t number of HVDC back-to-back station blocks
- (3) The weightage factor for each category of transmission elements shall be as under:
 - (d) For each circuit of AC line
 - (i) Surge Impedance Loading for Uncompensated line (SIL) multiplied by Circuit Km.
 - (ii) SIL rating for various voltage level and conductor configuration is given below. However, for voltage levels and/or conductor configurations not listed here, appropriate SIL based on technical considerations may be used for availability calculations under intimation to the beneficiary.

SURGE IMPEDANCE LOADING (SIL) OF AC LINES

S.No.	Line voltage (kV)	Conductor Configuration	SIL (MW)
1	765	Quad Bersimis	2250
2	400	Quad Bersimis	691
- 3	400	Twin Moose	515
4	400	Twin AAAC	425
5.	400	Quad Zebra	647
6	400	Quad AAAC	646
7	400	Tripple Snowbird	605
8	400	ACKC(500/26)	556
9	400	Twin ACAR	557
10	220	Twin Zebra	175
11	220	Single Zebra	132
12	132	Single Panther	50
13	66	Single Dog	10 ·

- (e) For each HVDC pole The rated MW capacity x Circuit Km.
- (f) For each ICT bank The rated MVA capacity.
- (g) For SVC The rated MVAR capacity (inductive & capacitive).
- (h) For switched Bus reactor The rated MVAR capacity.
- (i) For HVDC back-to-back station -Rated MW capacity of each block.

(4) The availability for each category of transmission elements shall be calculated based on the weightage factor, total hours under consideration and non-available hours for each element of that category. The formulae for calculation of Availability of each category of the Transmission elements are as follows.

AVo (Availability of o no. of AC lines) =
$$\frac{\sum_{i=1}^{o} \frac{Wi(Ti - T_{NA}i)}{Ti}}{\sum_{i=1}^{o} Wi}$$

AVp (Availability of p no. of HVDC poles) =
$$\frac{\sum_{j=1}^{p} \frac{Wj(Tj - T_{NA}j)}{Tj}}{\sum_{j=1}^{p} Wj}$$

AVq (Availability of q no. of ICTs) =
$$\frac{\sum_{k=1}^{q} \frac{Wk(Tk - T_{NA}k)}{Tk}}{\sum_{k=1}^{q} Wk}$$

AVr (Availability of r no. of SVCs) =
$$\frac{\left[\sum_{l=1}^{r} \frac{0.5 \times W_{l} l (T_{l} l - T_{NAI} l)}{T_{l} l} + \sum_{l=1}^{r} \frac{0.5 \times W_{c} l (T_{c} l - T_{NAC} l)}{T_{c} l} + \right]}{\left[\sum_{l=1}^{r} 0.5 \times W_{l} l + \sum_{l=1}^{r} 0.5 \times W_{c} l\right]}$$

AVs (Availability of s no. of Switched Bus Reactors) =
$$\frac{\sum_{m=1}^{s} \frac{Wm(Tm - T_{NA}m)}{Tm}}{\sum_{m=1}^{s} Wm}$$

AVt (Availability of t no. of HVDC Back - to - Back Blocks) =
$$\frac{\sum_{n=1}^{t} \frac{Wn(Tn - T_{NA}n)}{Tn}}{\sum_{n=1}^{t} Wn}$$

Where Wi = Weightage factor for ith transmission line

Wj = Weightage factor for jth HVDC pole

Wk = Weightage factor for kth ICT

WII & WCI = Weightage factors for inductive & capacitive operation of lth SVC

Wm = Weightage factor for mth bus reactor

Wn = Weightage factor for nth HVDC back to back block.

Ti, Tj, Tk, Tll, TCl, Tm & Tn - The total hours of ith AC line, jth HVDC pole, kth ICT, lth SVC (Inductive Operation), lth SVC (Capacitive Operation), mth Switched Bus Reactor & nth HVDC back-to-back block during the period under consideration (excluding time period for outages not attributable to Transmission Licensee for reasons given in the procedure below in Para 6)

TNAi , TNAj , TNAk, TNAIl, TNACl, TNAm, TNAn - The non-availability hours (excluding the time period for outages not attributable to Transmission Licensee taken as deemed availability as per the procedure given in Para 5 below) for ith AC line, jth HVDC pole, kth ICT, lth SVC (Inductive Operation), lth SVC (Capacitive Operation), mth Switched Bus Reactor & nth HVDC back-to-back block .

- (5) The transmission elements under outage due to following reasons not attributable to the Transmission Licensee shall be deemed to be available:
 - (a) Shut down of Transmission Licensee's transmission elements availed by other agency/agencies for maintenance or construction of their transmission system.
 - (b) Manual tripping of Transmission Licensee's line due to over voltage and manual tripping of switched bus reactor as per the directions of SLDC/RLDC.
- (6) Outage time of Transmission Licensee's transmission elements for the following contingencies shall be excluded from the total time of the element under period of consideration.
 - (a) Outage of elements due to acts of God and force majeure events beyond the control of the Transmission Licensee. However, onus of satisfying the SLDC that element outage was due to aforesaid events and not due to design failure shall rest on the Transmission Licensee. A reasonable restoration time for the element shall be allowed by SLDC and any additional time taken by the Transmission Licensee for restoration of the element beyond the reasonable time shall be treated as outage time attributable to the Transmission Licensee. SLDC may consult the Transmission Licensee or any expert for estimation of restoration time. Circuits restored through ERS (Emergency Restoration System) shall be considered as available.
 - (b) Outage caused by grid incident/disturbance not attributable to the Transmission Licensee, e.g. faults in substation or bays owned by other agency causing outage of Transmission Licensee's elements, tripping of lines, ICTs, HVDC back-to-back stations etc. due to grid disturbance. However, if the element is not restored on receipt of direction from SLDC/RLDC while normalising the system following grid incident/disturbance within reasonable time, the element will be considered not available for whole period of outage and outage time shall be attributable to the Transmission Licensee.

- (7) If the outage of any element causes loss of generation at Central/State Sector Station(s) then the outage period for that element should be deemed to be twice the actual outage period for the day(s) on which such loss of generation has taken place.
- (8) If the outage of any element causes power cut in the area of supply of the distribution licensee, then the outage period for that element shall be deemed to be twice the actual outage period for that day(s) on which such power cut has taken place.
- (9) In case of delay in commissioning of any transmission element beyond the scheduled date given while getting investment plan approved from the Commission, the transmission element shall be deemed to be commissioned from such date and shall be considered to be unavailable due to forced outage for the purpose of calculating the overall availability of the transmission system:

Provided that in exceptional Force Majeure cases where the licensee produces evidence/reasons to the satisfaction of the Commission that the delay was for reasons beyond its control the delay may be condoned by the Commission to the extent deemed fit by it.

UTTARAKHAND ELECTRICITY REGULATORY COMMISSION (TERMS AND CONDITIONS FOR DETERMINATION OF TARIFF) REGULATIONS, 2011

STATEMENT OF OBJECTS & REASONS

1. Introduction

- 1.1. The Electricity Act, 2003 (hereinafter referred to as "the Act") assigns the following functions to the State Electricity Regulatory Commissions among others:
 - (a) determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the State:
 - Provided that where open access has been permitted to a category of consumers under section 42, the State Commission shall determine only the wheeling charges and surcharge thereon, if any, for the said category of consumers;
 - (b) regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;
 - (c) facilitate intra-State transmission and wheeling of electricity;
- 1.2. Section 61 of the Act empowers the Commission to specify, by regulations, the terms and conditions for the determination of tariff in accordance with the provisions of the said section and the National Electricity Policy and Tariff Policy. In terms of clause (zd) of subsection (2) of section 181 of the Act, the Commission has been vested with the powers to make regulations, by notification, on the terms and conditions of tariff under section 61. As per section 181(3) of the Act, the Commission is required to make previous publication before finalizing any regulation under the Act. Thus, as per the provisions of the Act, the State Commission is mandated to specify, through notification, the terms and conditions for determination of tariff within the State, after previous publication.
- 1.3. In exercise of the powers vested under sections 61 and 181(2) (zd), (ze) and (zf) of the Act and all other enabling powers and in compliance of the requirement under section 181(3)

of the Act, the Uttarakhand Electricity Regulatory Commission issued public notice vide advtt. no. 08/11-12 dated 23.09.2011 the draft Uttarakhand Electricity Regulatory Commission (Terms and Conditions for determination of Tariff) Regulations, 2011 for the tariff period from 1.4.2013 to 31.3.2016 (hereinafter referred to as the draft regulations). The Commission, through this public notice invited comments/suggestions /objections from all the stakeholders and consumers, if any on the draft regulations. The Commission also called upon the meeting of State Advisory Committee (SAC) on November 28, 2011 for deliberations on the draft regulations.

2. Multi Year Tariff - Objectives and Overview

- 2.1. The Commission had specified UERC (Terms & Conditions for Determination of Tariff) Regulations, 2004 separately for Generation, Transmission and Distribution Business which were initially valid for a period of 5 years upto 13th May 2009. Subsequently, the applicability of these regulations were extended on numerous occasions and recently, the applicability of these tariff regulations have been extended till April 30, 2012.
- 2.2. Clause (f) of Section 61 of the Act states that the Commission, while specifying the terms and conditions for the determination of tariff, shall be guided by 'Multi-Year Tariff Principles'. In respect of the tenure of Control Period under MYT framework, Clause 5.3(h)(1) of the Tariff Policy notified by the Ministry of Power, Government of India on January 6, 2006 has stated that "..... The framework should feature a five-year control period. The initial control period may however be of 3 year duration for transmission and distribution if deemed necessary by the Regulatory Commission on account of data uncertainties and other practical considerations. In cases of lack of reliable data, the Appropriate Commission may state assumptions in MYT for first control period and a fresh control period may be started as and when more reliable data becomes available."
- 2.3. Considering the above clause of the Tariff Policy, the Commission has decided to replace the existing separate Regulations for Generation, Transmission and Distribution with a comprehensive MYT Regulation having separate sections for Generation, Transmission, Distribution and SLDC with first Control Period of 03 years staring w.e.f. FY 2013-14...

2.4. The main objectives of Multi-Year Tariff regime are summarised as under:

 Provide regulatory certainty to the Utilities, investors and consumers by promoting transparency, consistency and predictability of regulatory approach, thereby minimizing the perception of regulatory risk.

- Address the risk sharing mechanism between Utilities and consumers based on controllable and uncontrollable factors.
- Ensure financial viability of the sector to attract investment, ensure growth and safeguard the interest of the consumers.
- Review operational norms for Generation, Transmission, Distribution and Supply businesses, related issues and recommend suitable measures to address such issues.
- Promote operational efficiency.
- Rationalise tariffs in the long-term through improvement in operational efficiency.
- 2.5. Clause 5.4.4 of the National Electricity Policy issued by the Ministry of Power, Government of India on February 12, 2005 also recognised the importance of MYT framework by stating that, ".... Multi-Year Tariff (MYT) framework is an important structural incentive to minimize risks for utilities and consumers, promote efficiency and rapid reduction of system losses. It would serve public interest through economic efficiency and improved service quality. It would also bring greater predictability to consumer tariffs by restricting tariff adjustments to known indicators such as power purchase prices and inflation indices."
- 2.6. Further, Multi Year Tariffs (MYT) principles are intended to give clarity to the Generating Companies, Transmission Licensees, Distribution Licensees and consumers, and the other stakeholders regarding the principles governing the determination of revenue requirement and tariffs. Further, it would also detail the tariff methodologies, which can be understood by all, and give a fair idea of the future path. In this way, all stakeholders are made aware of the outcome of various actions/events during the Control Period, so that they could make their plans accordingly. For the Licensees and Generating Companies, the principles provide clarity in rules applied over the control period, and help finance growth and operations better, and facilitate improvement in quality of service to the customers.
- 3. Consideration of the views of the stakeholders and analysis and findings of the Commission on important issues
 - 3.1. The Commission considered the comments of the stakeholders on the draft regulations, as well as views of the members of the State Advisory Committee expressed during the SAC meeting. The regulations have been finalized after detailed analysis and due consideration of the various issues raised by the stakeholders. The comments/

suggestions/ objections received from the stakeholders and public and the views of the Commission on the same are discussed in subsequent paragraphs.

4. Suggestions and objections of stakeholders on the Draft UERC (Terms & Conditions for Determination of Tariff) Regulations, 2011 and the Commission Views on the same:

4.1. Uttarakhand Jal Vidyut Nigam Ltd

a) In Clause 3(31) of the draft Regulations, 'expenditure incurred' has been defined as follows:—

"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 or liabilities for which no payment has been released.

UJNVL suggested that the expenditure incurred may be considered on accrual basis.

The Commission is of the view that the term "Expenditure incurred "is applied in the context of creation or acquisition of useful asset, i.e. for actual Capital expenditure incurred. To promote greater transparency in capital expenditure approval, it is desirable to limit the allowable expenditure to the extent of actual cash investment. In addition, the Regulations also provide for additional capitalisation to meet the expenditure incurred after the date of commercial operation and up to the cut-off date. Therefore, the Commission does not find any merit to incorporate any changes in the definition of expenditure incurred.

b) In Clause 25 of the draft Regulations, 'Special allowance' has been defined under Renovation and Modernisation.

It has also been mentioned that "option of 'special allowance' shall not be available for a generating station or unit for which renovation and modernization has been undertaken and the expenditure has been admitted by the Commission before commencement of these regulations, or for a generating station or unit which is in a depleted condition or operating under relaxed operational and performance norms."

UJVNL submitted that most of its Power Stations have already completed more than 35 years of operation and due to some uncontrollable reasons, the RMU of these power stations could not be taken up earlier. As such, UJVNL has already incurred loss due to less generation because of wear & tear of machines, increased maintenance costs and difficulties in operation of these old plants.

RMU of various old Power Stations is being done unit wise. UJVNL submitted that if RMU works of a particular unit of Power Station is under progress as on April 1, 2013 then special allowance may also be provided to all other units whose RMU has not been done and would be taken up afterwards.

The Commission would like to clarify that the special allowance would be applicable only for undertaking Renovation and Modernisation of thermal generating stations as the cost of undertaking Renovation & Modernisation of thermal power stations has been now standardised to a reasonable extent. However, as the cost of undertaking R&M for hydro power stations and transmission system varies significantly on case to case basis, the Commission will approve the cost for undertaking R&M of hydel power stations and transmission systems on case to case basis subject to prudence check and, hence, the Commission has modified the Regulations.

c) In Clause 27(2) of the draft Regulation, under the heading of Return on Equity, the rate of ROE is defined as:-

Return on equity shall be computed at the rate of 15.5% for Generating Stations, Transmission Licensee and SLDC and at the rate of 16% for Distribution Licensee on a post-tax basis.

UJVNL submitted that the rate of return on equity for generating stations may also be considered at 16%.

The Commission would like to mention the relevant extract of the Tariff Policy, in respect of rate of return for distribution business, which states as follows:

"the rate of return notified by CERC for transmission may be adopted for State Electricity Regulatory Commissions (SERCs) for distribution with appropriate modification taking into view the higher risks involved. For uniform approach in this matter, it would be desirable to arrive at a consensus through the Forum of Regulators".

Hence, the Commission has deliberately kept a higher rate of return of 16% for Distribution Licensees, which is only 0.5% higher in comparison to Transmission Licensee and Generating Company keeping in view the inherent higher risk involved in the distribution business, which is also in line with the rate of return provided in the Model Regulations for Multi Year Distribution Tariff issued by Forum of Regulators as well as Regulations issued by various other State Electricity Regulatory Commissions.

d) In the Regulation norms of operation of hydro generating stations have been specified in clause 50. To compute normative plant availability factor (NAPAF) of hydro generating stations of UJVNL, DPRs of the generating stations would be required to be submitted before the Commission.

UJVNL has suggested that since DPRs of most of the large hydro projects of UJVNL are not available and most of the projects are very old, therefore, the Commission may review the provision of normative plant availability factor in respect of running hydro generating stations of UJVNL.

To discuss these issues, the Commission held meeting with UJVNL officials on 29th November, 2011.

In this regard, the Commission has taken a view that it will not be appropriate to modify the MYT Regulations at this stage and UJVNL should appoint a technical consultant for estimating NAPAF and other related parameters for all hydro generating stations considering the specific issues of each hydel generating station and submit the same in the Business Plan for Commission's approval. Based on the analysis of the information and data submitted by UJVNL, the Commission will approve the NAPAF for each Generating Station of UJVNL considering the station specific issues as a part of Business Plan Order.

e) In the Regulation at clause No- 54 (2) under the heading demonstration of declared capacity, the quantum of penalty is defined as follows:-

"The quantum of penalty for the first mis-declaration for duration or block in a day shall be the charges corresponding to two days capacity charges. For the second mis-declaration the penalty shall be equivalent to capacity charges for four days and for subsequent mis-declarations, the penalty shall be multiplied in the geometrical progression"

UJVNL submitted that capacity is declared by a hydro power station for the next day on the basis of the river discharge of the previous day and present availability of the machines. The generation for a hydro power station is totally dependent upon the river discharge which cannot be predicted accurately. As such, there can sometime be instances of failure in demonstrating the declared capacity by a power station.

Also sometimes due to equipment failure and other uncontrollable reasons, the declared capacity cannot be achieved. Further, the machines are operated as per the requirement of SLDC, as such many a times the declared capacity pattern of a plant also gets affected.

Therefore, in light of the above stated facts, the capacity charges due to generating company should not be reduced as a measure of penalty on account of failure of demonstration of declared capacity considering various limitations of old power stations. Also the capacity charge would be Nil on 7th mis-declaration as per proposed provisions. Hence in light of the above, it may be reviewed.

The Commission would like to clarify that penalty on account of mis-declaration of Declared Capacity will be levied only in those cases wherein the generating company is unable to demonstrate the Declared Capacity when it has been asked by the SLDC to do so. Further, the Definition of Declared Capacity takes into account the availability of water. Therefore, the Commission does not find any merit to incorporate any changes in the Draft Regulations.

f) UJVNL has pointed out that the term of transformation losses has not been specified in Form 1.1 and 2.1 and calculation is also required to be filled by the generating company against transformation losses whereas definition of transformation losses has not been provided in draft regulation.

The Commission would like to clarify that in the Regulations, the transformation losses have been clubbed with the auxiliary consumption based on the CERC (Terms and Conditions on Tariff) Regulations, 2009. Hence, accordingly, transformation losses in the final Forms 1.1 and 2.1 have been removed from the Formats.

- g) UJVNL has further pointed out towards following provisions included in UERC (Terms and Conditions for determination of hydro generation tariff) Regulations, 2004 and CERC (Terms and Condition on Tariff) Regulation 2009.
- (i) Clause 31 of UERC Regulation 2004 specifies the following provision related to Deemed Generation:"In case of reduced generation due to the reasons beyond the control of Generating Company such as on account of non-availability of transmission lines for supply to any beneficiary or on receipt of backing down instructions from the State Load Dispatch Centre resulting in spillage of water, the energy charges on account of such spillage shall be payable to the Generating Company"

UJVNL stated that the aforesaid provision of deemed generation has not been provided in the draft Regulation and has submitted that the provision of deemed generation may be incorporated in the revised Regulation.

In the UERC (Terms and Conditions for determination of hydro generation tariff) Regulations, 2004, recovery of energy charges have been provided in cases of reduced generation on account of spillage of water for reasons beyond the control of Generating Company. The Regulation also provided that Energy charges on account of deemed generation shall not be admissible if the energy generated during the year is equal to or more than Design Energy. Hence, the clear objective of allowing Deemed Generation was to provide for the recovery of Annual Fixed charges in case of reduction in actual generation for reasons not attributable to Generating Company.

In the Regulations 2011, Annual Fixed Charges (AFC) has been proposed to be recovered through Capacity Charge and Energy Charges, where recovery from energy charges will be to the extent of 50% of the AFC. Further, the Regulation provides that in case actual total energy generated during a year is less than the Design Energy, within ten years from the date of commercial operation of a generating station, for reasons beyond the control of the Generating Company, the ECR for the year following the year of energy shortfall shall be computed taking the actual energy generated during the year of the shortfall as the design energy, till the Energy Charge shortfall of the previous year has been made up, after which normal ECR shall be applicable. In case of energy shortfall for plant occurs after 10 years of operation, then the design energy for calculating the ECR shall be moderated considering the actual energy generation.

Therefore, deemed generation has not been considered in the Regulations. To this extent the Commission does not find any merit to incorporate any changes in the Draft Regulations as the Generating Company will be able to recover 50% of Annual Fixed Charges through Capacity Charges and for recovery of balance 50% of Annual Fixed Charges through Energy Charges, in case of reduction in generation, suitable adjustment has already been provided in the Regulations.

(ii) Clause 29 of UERC Regulation 2004 specified provisions relating to incentive for exceeding normative capacitive index.

UJVNL has submitted that draft Regulation does not provide any incentive for exceeding the normative capacity index. Appropriate incentive scheme may be considered to be incorporated.

The Commission has adopted the CERC methodology wherein the concept of capacity index has been replaced with NAPAF accordingly, 50% of Annual Fixed Charges are recovered as Capacity Charges and remaining 50% of Annual Fixed Charges are recovered through Energy Charges. The recovery of capacity charges is dependent upon the Actual Plant Availability Factor achieved during the month. If the Actual Availability Factor exceeds the NAPAF, recovery through capacity charges would be more than 50% of the AFC and vice-versa. Thus, this mechanism has inbuilt incentive/dis-incentive mechanism. Further, in case the actual energy generation exceeds the design energy, then the Generation Company will be able to recover the Energy charges more than 50% of Annual Fixed Charges. Such incentive will be in the form of secondary energy charges. Since the incentive mechanism is already a part of the Regulations, there is no need to specify the Incentive mechanism separately.

(iii) Clause 35 of CERC Regulation 2009 has specified provisions related to late payment surcharge.

UJVNL has submitted that similar kind of provision of late payment may be incorporated in the revised Regulation.

The Commission is of the view that the Late Payment Surcharge is a commercial arrangement between license and the generating company, and therefore, this mechanism should be settled mutually amongst the two in their Power Purchase Agreement.

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4.2. Uttarakhand Power Corporation Ltd

a) Return on Equity: It has been provided in the regulations that return on equity shall be allowed on the amount of allowed equity capital for the assets put to use at the commencement of each financial year.

UPCL has submitted that equity capital invested in capital work-in- progress should also be considered for return on equity otherwise the amount of equity capital invested in capital work-in-progress shall lose its time value for the time spent in completion of fixed assets. It is also submitted that as per the Sixth Schedule of Electricity (Supply) Act, 1948 (financial principals and their application), capital base was required to be calculated which included the cost of work-in-progress and on this capital base, return was admissible. Moreover, capital work-in-progress is also a part of fixed assets as per schedule-VI of the Companies Act, 1956.

The Commission finds it totally unreasonable to provide return on equity on the amount of equity invested in capital work-in-progress. The investments made in the form of equity is considered as risk capital carrying higher rate of return and have perpetual flow of return up to the end of the life of the asset which is not the case with the debt. The Sixth Schedule referred to by UPCL is now not applicable and the tariffs are determined under the Regulations specified by the Commission under the Electricity Act, 2003 which specifically provides for allowing Return on Equity. Further, the Model Regulations for Multi Year Distribution Tariff issued by FOR also specifies allowing Return on Equity rather than allowing Return of Capital Base or on capital employed. Therefore, the Commission finds no merit in the given suggestion.

b) Depreciation: It has been provided in the Regulations that deprecation shall not be allowed on the assets funded through consumer contribution and capital subsidies/ grants.

UPCL has submitted that the original cost of construction of fixed assets should be considered for allowing depreciation on the same. This view is as per the provisions laid down in Sixth Schedule of the Electricity (Supply) Act, 1948 (financial principals and their application). This is also necessary in view of the fact that the consumer contribution/grant is received one time out of which asset is created, but the distribution licensee is required to provide the services to the consumer even after expiry of life of such assets. On expiry of the life of such assets, the utility will not be in position to construct new assets in the absence of any fund created for this purpose and this fund can be created out of an amount of depreciation allowed during the life of such assets.

The Commission would like to clarify that in electricity regulatory framework, depreciation is considered as source of funding of repayment of loans as against the normal accounting principles wherein depreciation is considered as source of funding the replacement of the asset.

In this connection, section 43(1) of the Income Tax Act, 1961 is reproduced below: "Actual cost means the actual cost of the assets to the assessee, reduced by that portion of the cost, thereof, if any, as has been met directly or indirectly by any other person or authority" Explanation 10 of this subsection is reproduced below:

"Where a portion of the cost of an asset acquired by the assessee has been met directly or indirectly by the Central Government or a State Government or any authority established under any law or by any other person, in the form of a subsidy or grant or reimbursement (by

whatever name called), then, so much of the cost as is relatable to such subsidy or grant or reimbursement shall not be included in the actual cost of the asset to the assessee."

Accounting Standard AS 10 prescribed by Institute of Chartered Accountants have also dealt with this issue and the position stipulated therein is given below:

"Grant should either be shown as a deduction from the gross value of the assets which is thus recognized in the profit and loss statement by way of reduced depreciation charge over the useful life of the asset. Under another method, grants related to the depreciable assets are treated as deferred income which is recognized in the profit and loss statement on a systematic and rationale basis over the useful life of the assets. This grant can either be monetary or non-monetary."

Going by the above readings of the Income Tax Act and also the Accounting standards, any capital subsidy/grant has to be deducted from the gross value of the assets.

Further, the concern of the licensee to construct new assets in the absence of any fund created for this purpose out of depreciation is also totally unwarranted, as the funding mechanism of replacement of any fixed assets is taken care of through approval of Capital Expenditure Plan from time to time by the Commission. Therefore, there is no justification to allow depreciation in respect of assets which are funded through consumer contribution/grant, as it will result in unreasonable gain to the licensee.

c) Bad and Doubtful debts: It has been provided in the Regulations that provision for bad and doubtful debts may be allowed upto 0.25% of the amount shown as receivables in the audited accounts subject to actual writing off of bad debts in previous year. Further, the amount of provisioning of bad and doubtful debts is further capped to limit of 5% of the receivables at the beginning of the year.

UPCL has submitted that annual provisioning towards bad and doubtful debts is an accepted method of accounting and considering the peculiarity of retail supply of electricity business, the same has also been recognized by the State Electricity Regulatory Commissions. This amount, if any, written off towards bad debts is only adjusted against the accumulated provisions in the books irrespective of the actual amount of bad debts during any financial year, considering the geographical spread of the large consumer base across the State including a large part of the same prevailing in the difficult terrain and hilly region and the problem of realizing energy dues from retail consumers, provision for bad debts should be allowed @ 5%

of revenue billed during any financial year. It is worthwhile to mention here that the collection efficiency of UPCL varies between 90% to 93%.

The Commission has deliberated on the issue and is of the view that bad and doubtful debts are inherent in any nature of business and moreover, there is no direct relation between receivables and provision for bad and doubtful debts of a business, which normally is a factor of the volume of business. However, the request of the distribution licensee for allowing bad and doubtful debts @ 5% of the revenue billed during a financial year is totally unreasonable as it will amount to passing on the entire burden of collection inefficiency of the distribution licensee to the honest paying consumers.

Therefore, the Commission has decided to amend the provision to the effect that provision for bad and doubtful debts may be allowed upto 1% of the annual revenue subject to actual writing off of bad debts in previous years. Further, the amount of provisioning of bad and doubtful debts is further capped to limit of 5% of the receivables at the beginning of the year. This has been done to ensure that the licensee does not keep on accumulating provisions for bad and doubtful debts but also takes steps for identifying and writing off the bad debts failing which no further provision will be allowed.

d) Interest on Working Capital

- i) The collection efficiency of UPCL lies between 90% to 93% and therefore capital required to finance such short fall of tariff revenue should be allowed by the Commission as working capital.
- ii) Revenue from sale of electricity at the prevailing tariff equivalent to average of two months has been considered for working out of working capital. In this context it is submitted that after one month of supply of electricity, 10 days are spent in preparation of the bills and 15 days are allowed for payment of the bill and 15 more days are allowed as grace period. Therefore, revenue from sale of electricity should be considered equivalent to average of 2& 1/2 months for working out of working capital.

The Commission would like to clarify that the tariff determination exercise is undertaken on accrual basis and not on cash basis for the ensuing year and the Licensee has the opportunity to improve collection efficiency for the ensuing years. In addition, the Commission is also providing two months receivables as part of Working Capital requirement. To say that the collection efficiency of UPCL lies in

the range of 90% to 93% and, hence, capital required to finance the shortfall should be allowed as working capital is not acceptable. UPCL has to take steps to improve its collection efficiency so as to bring it close to 100% more so keeping in view the R-APDRP programme of MoP wherein the licensee has to bring its AT&C losses to 15%. In this regard, it is also important to note that the certain amount of revenue not collected in one particular year should be realised in subsequent years and, thus, this will provide a rolling cash flow to the Licensee.

With regard to revenue from sale of electricity, it is clarified that the majority of the revenue from sale of power received by the UPCL is from the HT consumers having billing cycle of 1 month. Therefore, Commission finds no merit in the given case for allowing a higher norm for revenue from sale of electricity for computation of working capital requirement.

As per the provisions of Regulations, the Commission will allow the interest on working capital based on normative working capital requirement irrespective of actual loans availed for working capital and based on past experience, it is observed that the actual working capital loans availed by the Utilities are much less than the normative working capital requirement, determined as per Regulations, which provides adequate cushion in the working capital.

e) Power Purchase Cost: It has been provided in the Regulations that power purchase requirement of the Distribution Licensee shall be estimated based on the sales forecast, the transmission loss and the target distribution loss level for the control period.

UPCL has submitted that it is making its best efforts to achieve the loss level allowed by the Commission, but due to limitation of resources and habits of the general public, this target loss level could not be achieved so far. It is therefore, proposed that the Commission should allow actual power purchase cost and revenue for excess distribution losses may be considered for calculating the tariff revenue of the company.

The Commission will take an appropriate view in the matter depending upon whether the distribution loss target is not achieved due to technical losses or commercial losses. However, in any case the impact of non-achievement of loss reduction target is proposed to be shared under the sharing of gams and loss mechanism.

f) Administration & General Expenses: The following formula has been given in the Regulations for calculation of Administrative & General expenses;

 $A&Gn=(A&Gn-1) \times (WPIinflation)$

UPCL has submitted that a growth factor should also be considered for providing the additional facilities to the consumers and introduction of latest technologies in consumer services.

The Commission is of the view that the there is no requirement for including a growth factor for providing additional facilities including introduction of latest technologies for the benefit of consumers, as these costs will essentially be of capital nature and will not be covered under the head of Administration & General Expenses. However, the Commission referring to the Model Regulations for Multi Year Distribution Tariff issued by Forum of Regulators has decided to include an additional Provision, which will take care of the revenue cost for various initiatives or other one-time expenses. The additional Provision proposed by the Utilities shall be determined by the Commission while approving the Business Plan based on the prudence check.

g) Voltage-wise distribution losses & cost of supply: It has been provided in the Regulations that UPCL shall circulate and provide voltage -wise distribution losses & cost of supply to the Commission.

It is submitted that UPCL is in process to evolve a mechanism for determination of voltage-wise distribution losses and cost of supply. Presently, UPCL is not in a position to calculate voltage wise distribution losses and cost of supply and therefore, the Commission is requested to kindly provide in the Regulations that voltage wise distribution losses and cost of supply shall be made necessary from the second control period.

Technical Distribution Loss & Commercial Distribution Loss: It has been provided in the Regulations that UPCL shall calculate Technical Distribution Loss & Commercial loss separately and provide to the Commission along with the petition for approval of Business Plan for the Control Period.

UPCL has submitted that it is not in a position to determine Technical Distribution loss & Commercial Distribution loss separately and therefore, the Commission is requested to provide in the Regulations that Technical and Commercial Distribution loss shall be provided separately from the second Control Period.

The Commission is of the view that segregation of technical and commercial distribution losses is critical in the MYT framework and is also recognised in the Tariff Policy. Further, determination of voltage-wise distribution loss is also equally important in order to work out voltage-wise cost of supply.

UPCL in its Business Plan for the first control period shall submit concrete and time bound roadmap for introducing the desired systems to provide the desired information to the Commission at an early date. The Commission will accordingly take a view in the matter and issue appropriate directions while approving the Business Plan.

4.3. Other Comments/Suggestions:

a) <u>Start up Power:</u> Provision for purchase of Electricity by the Generating station/IPP for start-up power for testing and pre commissioning activities and emergency/intermittent power requirement after commercial operation declaration should also be specified. The start-up power requirement for commissioning purpose should be made available at 132 KV and above irrespective of the MVA requirement by the Generator/IPP.

The Commission clarifies that in the Final Regulations separate provision for "Purchase of Electricity by the Generating station/Start up Power" has been incorporated as follows:--

"Any person, who establishes, maintains and operates a generating station and normally does not need power from the licensee round the year, i.e. who is not a consumer of the licensee, may purchase electricity from any generating company or a distribution licensee in case his plant is not in a position to generate electricity to meet the its own requirement or for start up and consequently power is required to be drawn from distribution licensee.

In case of electricity generated from the plant is sold to the State Distribution Licensee, the electricity (in kWh) procured by the Generating Station from the State Distribution Licensee to meet its requirement of start up power, will be adjusted from the electricity sold

to the Distribution Licensee. The Distribution Licensee shall make the payment for net energy sold to it by the Generating Company, i.e. difference of the total energy supplied by the Generating Company to the Distribution Licensee and energy supplied by the Distribution Licensee to the Generating Company.

In case of electricity generated from the plant is sold to third party other than the State Distribution Licensee, then such purchase of electricity by the generating company from the State distribution licensee, shall be charged as per the tariff determined by the Commission for temporary supply under appropriate "Rate Schedule of tariff" for Industrial Consumers considering maximum demand during the month as the contracted demand for that month. The Fixed/Demand charges for that month shall be payable for the number of days during which such supply is drawn. Such Generating Company shall, however, be exempted from payment of monthly minimum charges or monthly minimum consumption guarantee charges or any other charges."

- b) Controllable and uncontrollable factors should be specifically indicated whether they relate to generation, transmission and distribution:
 - The Commission is of the opinion that the factors provided in the Regulations are some of the examples of Controllable and un-Controllable factors and are not exhaustive. There can be other factors also, hence, have not been categorized separately for the utilities.
- c) Actual capital expenditure incurred annually should be monitored annually but no adjustment should be carried out annually. Adjustment for the same should be carried out at the end of the control period:

The Commission is of the view that Annual adjustment is necessary for two reasons:

- a. Keeping in view the financial health of the utilities, it would be appropriate to adjust the same based on actual expenditure during the performance review otherwise any increase in capital expenditure for reasons beyond the control of the utility may adversely affect the finances of the company.
- b. Further, if the adjustment is carried at the end of the control period, the cumulative impact on consumer tariffs may be very high and, hence, it has been proposed to spread this over the period.

d) Detailed analysis of the O&M expenses should be conducted before approving it for first year of the control period based on the expenses approved in the last tariff order. This should be increased on predetermined principle or rate. Since, it is a controllable factor, any loss or gain should not be adjusted in the ARR of the licensee.

The Commission clarifies that the Regulations already provides that the O&M expenses for the first year of the control period will be approved by the Commission taking in to account the actual O&M expenses for last five years till base year, based on the audited balance sheets, excluding abnormal operation and maintenance expenses, if any, subject to prudence check and any other factors considered appropriate by the Commission. Further, the NTP also specified that at the beginning of the control period "actual" costs shall form the basis for future projections.

Further, O&M expenses for subsequent years will be calculated by using CPI and WPI respectively over the base year's expenses. All elements of O&M expenses are not controllable. The Utilities in Uttarakhand being Government companies, their salary structure is linked to various Government orders, like DA which is revised twice in a year. Further, being a hilly State, R&M expenses are dependent on vagaries of nature. Further, the Regulations specifies for sharing of gains/losses between the consumers and utilities. Clause 8.2.1(5) of the NTP also stipulates that during the transition period controllable factors should be to the account of utilities and consumers in proportions determined under the MYT framework.

e) Variations in revenue and expenditure due to uncontrollable factors should be trued up every year and for controllable factors truing up should be at the end of control period.

Reasons for annual adjustments have already been discussed under point (c) of S. No. 4.3.

f) Under applicability, both under generation and transmission tariff, it should be specified that this shall not apply where tariff has been determined through transparent process of bidding.

This has already been specified under Regulation 2 and Regulation 4(2), hence, is not repeated elsewhere.

g) Distribution tariff should be split up under network business and retail supply business.

The Commission would like to clarify that splitting up of tariff between network business and retail supply business is not required as Commission has already issued Open access Regulations wherein principle for determining wheeling charges have been specified.

h) Regulations should provide that the licensee shall develop a robust and well tested forecasting technique.

The Commission would like to clarify that the Regulations provides that due to the importance of capturing seasonal variation, Monthly Sales Forecast for the Control Period shall be done in respect of each consumer category/sub-category and to each tariff slab within such consumer category/sub-category, based on the past trends and suitable adjustments shall be made to reflect the effect of known and measurable changes with respect to number of consumers, the connected load and the energy consumption, thereby removing any abnormality in the past data.

- i) The opening level of AT&C losses should be determined by the Commission as in the last Order and equal sharing should be there between the licensee and consumers on account of gains arising out of better performance.
 - The Commission would like to clarify that the opening level of losses will be considered by the Commission while issuing the MYT order and cannot be specified in the Regulation as actual losses of FY 2011-12 will also have to be considered. Regarding sharing of gains/losses, the sharing mechanism has been provided in the Regulation.
- j) No change is desired in the prevailing Tariff Policy and no change in the same is desired at this stage. If so please make available for appreciation of the Regulations. The Commission would like to clarify that no deviation is taken from Tariff Policy..
- k) Need to mention that it is expected that Licensee/ Company shall submit tariff proposal by November of preceding year and failing which the Commission reserve its right to start suo moto proceedings for deciding the tariff for next financial year.

Recently, Appellate Tribunal for Electricity (ATE) has issued directives to all Commissions directly.

In the light of APTEL Judgment dated November 11, 2011 on the Tariff Revision (Suo-Motu action on the letter received from Ministry of Power) and Model Regulations for Multi Year Distribution Tariff published by Forum of Regulators, the Commission has incorporated appropriate provisions in respect of Suo-Motu proceedings in the Final Regulations, in case of delay/ non- submission of the application for determination of tariff and annual performance review beyond one month from the scheduled date of submission.

 Tariff Order shall determine tariff with and without Government subsidy not received at advance.

The Commission has incorporated the necessary provisions in the Regulations.

m) The Commission needs to ask Distribution Licensee to improve its performance or Government to change the management of Distribution Licensee and absorb losses suffered by the same for cash shortage.

This is beyond the purview of the Commission.

n) In case generation tariff increases during the period the increased cost should be allowed to be recovered quarterly from the consumers.

The Commission has incorporated FCA mechanism in Regulations to pass on the impact of increase in fuel related costs of power purchase.

o) Regulatory Asset should not be encouraged beyond two years.

The Commission has taken a note of the same.

p) In case additional energy is purchased by the Distribution Licensee except for the reasons such as natural calamity or exigencies the cost of additional power purchase needs to be compensated by state government or passed on to the next year tariff.

Compensation towards the cost of additional power purchase by the Government is beyond the purview of the Commission as the Commission can only seek Government's view on payment of subsidy to any consumer category while determining tariffs. However, with regard to passing the additional power purchase

cost in the next tariff exercise, it is relevant to mention that in the light of APTEL Judgment dated November 11, 2011 on the Tariff Revision (Suo-Motu action on the letter received from Ministry of Power) and Model Regulations for Multi Year Distribution Tariff published by Forum of Regulators, as well as the comments received in respect of incorporation of provision for quarterly recovery fuel and power purchase adjustments from the consumers during the period in between the issue of two tariff orders, the Commission has now incorporated the Fuel Charge Adjustment Mechanism in the Final Regulations.

q) It is imperative for the Commission to introduce TOD tariff for HT consumers to avoid open access in future. The same needs to be mentioned in Regulations.

The Commission will take view in the matter to TOD Tariffs while issuing the Tariff Orders.

4.4. Other Changes made in the Regulations:

This section contains the rationale of amendments being made in the Draft Regulations published by the Commission for stakeholders' comments and suggestions and the Final Regulations now being notified other than those which are already covered in the previous sections:

a) Sharing of Gains & Losses:

Clause 8.1 (2) of the Tariff Policy states that while implementation of MYT framework, the State Commissions should introduce mechanism for sharing of excess profits and losses with the consumers. It also stated that with a view to incentivize accelerated performance improvement and reduction in losses, which is ultimately in long term interest of consumers, the incentives for the Utilities may be kept asymmetric in the first control period. The means the percentage of the excess profits being retained by the utility may be set at higher levels than the percentage of losses to be borne by the utility.

The issue was also deliberated in the meeting of State Advisory Committee held on November 28, 2011, wherein it was also pointed out by the Members that in the previous Regulations, licensee's inefficiency in non-reduction of distribution losses was not passed on to the consumers in tariffs. However, in the draft MYT Regulations, the sharing mechanism of losses on account of controllable factors was proposed to be shared in the proportion of 50:50. This would not only over-burden

the consumer tariffs but UPCL would also be under no further pressure to reduce its losses and therefore the impact of sharing of losses should be more on the utility than the consumer. The Members proposed that higher proportion of gains would be allowed to be retained by the utility so as to incentivize them to reduce their losses.

In the light of provisions mentioned in the Tariff Policy as well as taking into consideration the essence of the opinion of the State Advisory Committee, the Commission has now revised the mechanism of sharing of gains & losses between consumer and distribution licensee from 'equal' to 'asymmetric' in favour of distribution licensee for the first control period. The approved aggregate gain will be shared in the ratio of 20:80 between Consumers & Utility and approved aggregate loss will be shared in the ratio of 25:75 between Consumers & Utility.

b) Incorporation of Secondary Fuel Cost in the Fixed Charges:

The secondary fuel expense, which was inadvertently missed in the Draft Regulations, has now been incorporated in the Fixed Charges in the Final Regulations.

c) Fuel Charge Adjustment (FCA):

In the light of APTEL Judgment dated November 11, 2011 on the Tariff Revision (Suo-Motu action on the letter received from Ministry of Power) and Model Regulations for Multi Year Distribution Tariff published by Forum of Regulators, as well as the comment received in respect of incorporation of provision for quarterly recovery fuel and power purchase adjustments from the consumers during the period in between the issue of two tariff orders, the Commission has now incorporated the Fuel Charge Adjustment Mechanism in the Final Regulations.

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Name of Distribution License
Licensed Area of Supply

Form: F-1

Summary of Annual Revenue Requirement

Ensuing Year (n+3)	Ensuing Year (n+2)	Ensuing Year (n+1)		urrent Year (n)	Q	Previous Year (n-1)		
Projected	Projected	Projected	Total (April - March)	Oct-Mar (Estimated)	Apr-Sep (Actual)	(Actuals/Audited)	ltem -	S. No.
	 				,		Expenditure	
	 						Power Purchase Expenses	1
			ł				Transmission Charges	2
	 		ļ	<u> </u>			NLDC/RLDC/SLDC Charges	3
 -							O&M expenses	4
				ļ————			Employee Expenses	4.1
			ļ				Administration & General Expenses	4.2
				ļ 			Repair & Maintenance Expenses	4.3
		ļ	Philosopy	ļ			Interest charges	5
	 						Lease Charges	6
	 	 	ļ	<u> </u>			Depreciation	7
		ļ	_				Interest on Working Capital	8
	 	ļ	· ·	<u> </u>				_ <u>~</u> _
		<u> </u>	<u></u>	ļ <u>-</u>			Gross Expenditure	
	<u> </u>	.ļ <u>.</u>	 	<u> </u>			Less: Expense Capitalization	
		<u> </u>	<u> </u>	<u> </u>			Interest capitalized	1
		ļ <u></u>					Total Expense Capitalization	
							Other Expenses / Appropriations	
							Provision for Bad & Doubtful Debts	1
							Return on Equity	2
			<u>.l</u>				Return bit Equity	
							Net Expenditure	
							Less: Non Tariff Income	1
,	``					· · · · · · · · · · · · · · · · · · ·	Less: Note from wheeling charges	2
							Less: Income from Other Business (Section 51 of EA, 2003)	3
			·				Less: Receipt on account of Cross Subsidy Surcharge	4
			ļ				Less: Receipt on account of additional surcharge on charge of wheeling	5
							Less: Any revenue or subsidy grant received from the State Government other than the subsidy under Section 65 of the Electricity Act, 2003.	
		1			<u> </u>	1	Net Annual Revenue Requirement	1

Note:			
n = FY 2012-13		 	

578 C.S.S. Ħ 김 7 ę, ĭ Consumer Category & Consumption Stab Past Sales Data Apr | May | Jun | Jul | Ang | Sep | Oct | Now | Dec | Jan | Feb | Mar | Total Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Total Jul Aug Sep Oct Nov Dec Jan Reb Mar Total (Liennees are expected to provide the details for the customer categories applicable to their business Apr May Jun Consumer Category & Consumption Slab Consumer Category & Consumption Slab Consumer Category & Consumption Slab Customer Sales Forecust Previous Year (n-1) mercing Year (n+1) Current Year (n)

Name of Distribution Licensee Licensed Area of Supply Form: F.2.1

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Consumer Category & Consumption Stab	۸pr	May	<u>E</u>	围	A B	ŝ	8	ž	ă	ä	ء	¥	Total
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Slab-2							٦	\neg			1	7	
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Category-n	_			i						1	T	7	1
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LI							١,					1	-
Category-1	_										7		-
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Category-n	_										\Box		
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Total		Ц	_					╛				_	
Ensuing Year (n+3)													2
Consumer Category &	Apr		May Jun	卫	A TR	ď		ž	Oct Nov Dec Jan	1	e e	<u> </u>	Feb Mar Total
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Sub-2		!				_		_	_	\perp	_	\downarrow	
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	-		_}	_	4	_	_	4	\downarrow	4	٠,	4	4
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Name of Distribution Licensee Licensed Area of Supply

Form: F-2.2 No of Consumers Forecast Previous Year (n-1)

Past load Data

Consumer Category & Consumption Slab	4-1	л-3	n-2	1-u	Ħ	5 Year CAGR
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Category-1				,		
Slab-1						,
Slab-2						•
Category-n			_			
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TI						
Category-1				_		
Slab - 1					-	
Slab - 2						
Category-n						
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Total						

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Consumer Category & Consumption Slab	Apr May Jun Jul Aug Sep	May	lun	Jul	Aug	Sep	·			 March
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Category-1							-			
Slab - 1	-									
Slab-2										
Category-n										
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Consumer Category &	End of	End of	End of
Consumption Slab	(n + 1)		
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Slab - 2			
Category-n			•
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LT			
Category-1			
Slab - 1			
Slab - 2			
			-
Category-n			
•			
Total			

Name of Distribution Licensee Licensed Area of Supply Form: F-2.3

Load Forecast

Frevious rear (n-1)

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HT Category-1 Siab - 1 Siab - 2 Siab - 1 Siab - 1 Siab - 2 Siab - 1 Siab - 1 Siab - 2 Siab - 1 Siab - 2 Siab - 1 Siab - 2 Siab - 3 Si	Consumer Category & Consumption Slab	Unit	Apr	Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb	Jun	Jū.	Aug	Sep	OG.	Nov.)ec	E E	eb Mar	<u> </u>	Consumer Catego Consumption Sl
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79-1 79-1 Py-1 Py-1 SHIP Onverted in MW)	Н								-		-	-			HT
7-n WIW/MVA/ BHP 7-1 7-1 Onverted in MW)	Category-1														Category-1
7-n P-1 BHP Onverted in MW)	Slab - 1					<u> </u>			-	-					Slab - 1
7-n P-1 BHP Onverted in MW)	Slab - 2								-					<u> </u>	Slab-2
79-n Py-1 BHP Onverted in MW)								-						- ·	. :
7-1 BHP	Category-n														Category-n
7-1 BHP		MW/MVA/									_				
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ry-n onverted in MW)	Category-1									-					Category-1
ry-n onverted in MW)	Slab - 1														Slab - 1
MW)	Slab - 2														Slab - 2
MW)		,													••••
MW)	Category-n														Category-n
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												-			Total (converted in

Past load Data

Consumer Category & Consumption Slab	n-4	п-3	п-2	I-1	Ę	5 Year CAGR
HT						
Category-1						1
Slab - 1						
Slab - 2						
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Category-n				,		
LT						
Category-1						
Slab - 1						
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Category-n						
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Total (converted in MW)						

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Consumer Category &	Unit	Apr	Apr May Jun Jul Aug Sep	lun (표	Aug	Sep						March
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Category-n				\perp				+	+	†-	1	†	
	MW/MVA/						+	\dagger	T	\dagger	+	1	
1	BHP						+	\dagger	†	†	t		
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Slab - 2	•			\perp				\dagger	1	T	+-	 	
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Category-n			_		\downarrow			+			T		
		1	_	_	1	-	1	†	T		T		
Total (converted in MW)		_	_		_	_].		1	1	1		1	

Ensuing Year (n+1)

				7. 1. 1
Consumer Category & Consumption Slab	Unit	End of (n + 1)	End of (n + 1)	(n + 1)
				-
E	MW/MVA/			1
ategory-1	BHP			1
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lab - 2	-		1	
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dick 1	·			
3 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3				
Sao - 2	:			
Category-n		-	-	-
Total (converted in MW)				_

Total Losses (% of Energy laput) Total Losses (% of Energy Input) Total Commercial Total Losses (% of Loss | Total Losses (% of Total Total Losses (% of Total Commercial Total Losses (% of Total Commercial Total Losses (% of Energy Input) | Loss | Energy Input) | Loss | Energy Input) | Loss | Energy Input) | Total Loss | Energy Input | Total Losses (% of Energy Input) Total Losses (% Total Technical Total Losses (% of Total Commercial of Energy Input) Loss Total Commercial Loss Total Commercial Loss Ø (MIU) 3 Total Losses (% of Energy laput) Total Losses (% of Energy input) Total Losses (% of Energy Input) Total Technical Total Losses (% Total Technical of Energy Input) Total Losses (% Total Technical of Energy Input) Total Losses (% of Energy Input) Total Total Total Total Total Total Output Total Output Total Output Total Output Configuration of the contract Direct Sale Direct Sale Direct Sale Direct Sale Offect Select Energy Sent to lower network Energy Input Energy Input Energy Input Energy Input Energy Input Voltage Level Voltage Level Voltage Level Voltage Level Voltage Level Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+3) Previous Year (n-1) Current Year (n) S. No. S. No. S. No. S. Z. S. No.

Fermet for Distribution

Name of Distribution Licensee

Licensed Area of Supply Form: F-24 Distribution Loses

Intra-State
Transmission Losses (%) Unit received at periphery (MU) Units received at State periphery (MU) Unit received at perlphery (MU) Unit secrived at perhibery (MU) Und received at periphery (ACU) External Lotses (%) External Lossers (%) External Conners (%) External Lowers (%) Inter-State Temendesion Losets (%) Energy Sent Out (ESO) from the station (MU) Energy Sent Out (RSO) from the station (ARU) Energy Sent Out (ESO) from the station (AEU) Energy Seat Out (RSO) from the etation (MU) Energy Available from the station (MO) Energy Available from the station (Brougy Available from the station (A/U) Beergy Available from the station (MO) Beergy Available from the station (MU) Childry (MM) ## (W Chility (Mary) A Paris Cally (May Ukility ohare (%) Utility abare (%) Utility abuse (%) Utility above Utility share Installed Capacity Installed Capacity Installed Capecity Installed Capacity Installed Capacity Source of Power (Station wine) Source of Tower (Station wise) Source of Power (Station wise) Source of Power (Station wise) Source of Power (Station wise) Gasuing Year (ret3) Previous Year (n-1) mening Year (n+1) Ensuing Year (n+2) Current Year (n)

Name of Distribution Licerate Licerated Ares of Supply

Baccyy Distribution

Form: F-2.5

Name of Distribution Licensee Licensed Area of Supply

Form: F-2.6 Availability of Power

Current Year (n)

(In MUs)*

Total availability Source : : Source 2 | Source 3 Source 1 Source* Total Month eptember Jovember December February annary Ctober August March April May <u>aria</u> aria.

(In MUs)* Total availability Sourcen : : Source 2 Source 3 Source 1 Month Total Ensuing Year (n+1) November September December February October annary August March Source* April une May luly.

(n+2)
Year
nstring

								(m MUs)
Source*	S. Commond	Cormon 2	Cormes 2 Source 3			1	Sourcen	Total
Month	מחוורביז	John Co			:			availability
April								
May								,
Tune								•
luly								
August								
September								
October		-		:				
November	3							
December			,				ļ	
Tarmary		7.F 10						
February		-						
March								
147.								
Total								
Ensuing Year (n+3)								46.174

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Source*	Course	Source 2 Source 3	Source 3	;	:	;	Source n	lotai
Month	OUMICE I			L				availability
April								
May	,							
une	•							
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September								
Ortober	-						_	
November								
December								
armary			٠.,					-
February								
March								
						.		
Total	1			_				

The utility shall provide data in the above format for each month of the estimated period of the current yeadr a

*Any peaking capacity contracted from a station in the format above to be specifically identified through foot-notes in the format and in the basis note as well.

Attach supporting documents for each of the entries made including the following:

A copy of each power purchase and/or transmission/wheeling charges agreement.
Copies of bills of energy and/or transmission/wheeling charges for last 12 months for all companies/State Electricity Boards which supply power alongwith details of billing disputes, if any.

Assumptions made, if any, should be clearly indicated in a basis note in the petition.

Name of Distribution Licensee Licensed Area of Supply

Form: F-2.7

Detail of UI Charge and Additional UI Charge Payable/Receivable for Overdrawal/Underdrawal from Central Generating Stations

Previous Year (n-1)

				Overdrawals d	als during	34.			Under	Underdrawals			Total	
Month		Below 49.20	9.20	Below	49.50 and	Below 49.50 and upto 49.20	49.50	49.50-50.20		1	Total - Receivable	Total UI charges Additional Payable UI charges Payable	Additional UI charges Payable	Net Receivable/Payable
	, MG		UI Additional	D WC	Uff	Additional UI Charge	MC	UI Charge	MU	UI Charge	(Rs. Cr.)	(FS. Cr.)	(Rs. Cr.)	(Rs. Cr.)
April			_			اعد:								
May			,							-				
June					1	,								
July							ŕ		-					
August									-					
September														1
October														
November		. 4												
December														
January								-						
February									,					
March					:									
Total for the year														
											-			

Current Year (n)

			٠	Overdrawals du	rals during				Under	Underdrawals			Total	
Month		Below 49.20	9.20	Below	49.50 and	Below 49.50 and upto 49.20	49.50	49.50-50.20			Total Receivable	Total UI charges Additional Payable UI charges Payable	Additional Ul charges Payable	Net Receivable/Payable
	MC	UI Charge	UI Additional	MU	UI Charge	Additional MU UI Charge	M	UI MU	MÜ	UI Charge	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)	(Rs. Cr.)
April									ľ	,				
May														
June								-		1			100	
July														
August														
September							٠,		T					

Attach supporting documents for each of the entries made. Assumptions made, if any, should be clearly indicated at appropriate places.

(In MUs)*

Name of Distribution Licensee Licensed Area of Supply Foru: F-28

Energy Balance Previous Year (n - 1)

Month*		;	,	1	1 7		į	,	ž	Lun	Teh	Mar	Total
Source	Apr	May	June	Juny	Sn&	dac	3	140	3				
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Sources of Power				-									
IMM						_,_							
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ddl			<u> </u>			_			-				
(Where including Banking (Pls Specify each major source)		-											
III													
Total Power Available for Sale or Energy Input			-	_									,
			7			_			,				
Energy Sales within the State		-	•										
Trate Sales within the State													
Therriburion Lose (ML)				V									
Distribution Losse (%)													
Intra-State Transmission Losses (%)													
Intra-State Transmission Losses (MU)													
Energy Requirement at State Peripherry	ļ 												
											•		

Current Year (n)

Sep Oct - Mar Estimates Aug Apr May June July Others including Banking (Pls Specify each major source) Total Power Available for Sale or Energy Input Energy Requirement at State Peripherry Intra-State Transmission Losses (%) Intra-State Transmission Losses (MU) Particulars Month* Energy Sales within the State Fotal Sales within the State Distribution Loss (MU) ources of Power

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Control Period			딕	(In MUs)*	
Year	, F. 1. 1.	674	5+4	Total	
Particulars	1.1				
Sources of Power					
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200					
PP					
Others including Banking (Pls Specify each major source)					
In .					
Total Power Available for Sale or Energy Input					
			_		
Energy Sales within the State					
11					
HT			77.9		
Total Sales within the State			•		
					-
Dieribution Loss (MU)					
Distribution Losse (%)	٠.				*
					•
Intra-State Transmission Losses (%)					
Intra-State Transmission Losses (MU)		-			
		-			

*Any peaking capacity contracted from a station in the format above to be specifically identified through foot-notes in the format and in the basis note as well. Energy Requirement at State Peripherry
The utility shall provide data in the above format for each month of the estimated period of the current yeagr and the ensuing year regarding eaach source.

Attack supporting documents for each of the entries made including the following:

A copy of each power purchase and/or transmission/wheeling charges agreement. Copies of bills of energy and/or transmission/wheeling charges for last 12 months for all companiesalongooith details of billing disputes, if any.

Assumptions made, if any, should be clearly indicated in a basis note in the petition.

Name of Distribution Licensee Licensed Area of Supply

Form: F-2.9

Power Purchase Expenses

Previous Year (n-1)

.Source of Power (Station wise)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Please specify the type of charges)	Total Cost of Energy Received (Rs Crore)	Avg cost of energy received at State periphery (Ra/kWh)	Avg cost of energy received at Distribution periphery (Rs/kWh)
Station/Source 1							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(2-3-1-1-1)
Station/Source 2								
***								· · · · · · · · · · · · · · · · · · ·
,,,,							· · · · · · · · · · · · · · · · · · ·	

Station/Source n								
Total					1			

Current Year (n)*

Source of Power (Station wise)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)	Total Variable Charges (Rs Crore)	Any Other Charges (Please specify the type of charges)		Avg cost of energy received (Ra/kWh)
Station/Source 1						- Par 35	
Station/Source 2							
	1	·					
······································							
Total	 						
1 Otal * Drovida canovatalis for as	1						

^{*} Provide separately for actuls for first half of the current year and estimates for second half of the current year

Ensuing Year (n+1)

Source of Power (Station wise)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel 'Price Adjustment (Rs/kWh)	Any Other Charges (Please specify the type of charges)		Avg cost of energy received (Rs/kWh)
Station/Source 1				 	 	
Station/Source 2					· · · · · · · · · · · · · · · · · · ·	
						
	 					
	 			 		
<u>' </u>	l					
Total				 		

Ensuing Year (n+2)

Source of Power (Station wise)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Ra/kWh)	Any Other Charges (Please specify the type of charges)		Avg cost of energy received (Rs/kWh)
Station/Source 1		7			 	-i
Station/Source 2				 	 	·
					·····	
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25	 			 	 	
Total	1			7	 	

Ensuing Year (n+3)

Source of Power (Station wise)	Total Annual Fixed charges (Rs Crore)	Capacity Charges paid/ payable by Utility (Rs Crore)	Variable Cost per unit including Fuel Price Adjustment (Rs/kWh)		Any Other Charges (Please specify the type of charges)	Total Cost of Emergy Releived (Rs Crore)		Avg cost of energy received (Rs/kWh)
Station/Source 1				·				
Station/Source 2						-	····	
								·
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Total	<u> </u>		جية.	·				

Name of Distribution Licensee Licensed Area of Supply

Form: F-3

Details of Transmission and Load Dispatch Charges

			-					(Figure	(Figures in KS Crore)
l l		Previous Year (n-1)	137	Current Year (n)	· (tr	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
	uraur .	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	,
12	1 PGCII, Transmission Charges			i.					,
/ E	DTCII Transmission Charges			;				,	
٠,	COL 114 BLUSSIOII CITT 6								
댖	SLDC Charges								
15	NRLDC Charges		٠.	• (
-	Net charged to Revenue								

- .:

(Figures in Rs Crore)

Name of Distribution Licensee Licensed Area of Supply

Form: F-4

perations and Maintenance Expenses

	Operations and manneauthors										_			2
			Previous Year Previous Year	Previous Year	Previous Year	Previous Year	Previous Year Previous Year Previous Year Previous Year (n-1) (n-2) (n-2)	Previous Year (n-1)	S	Current Year (n)	<i>*</i>	Ensuring ear (n+1)	Ensuing Ensuing Linearing Year (n+1) Year (n+2)	Kear (n+3)
	,	,	(g-u)	(c-u)	(F. N.)		,		,	1367	Total	,		Part of the
S. No.	do. Item	Kerence	(Actuals/	(Actuals/	(Actuals)	(Actuals)	(Actuals/ Audited)	(Actuals/ Audited)	Apr-Sep (Actual)	Apr-Sep OG-War (April - Projected Projected Projected (Actual) (Estimated) March)	(April - March)	Projected	Projected	rrojecter
			Andited)	Andited)	Angmen									
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_	Employee Expenses													
ľ	A Aminotrative & General Costs	F-2.2		-						•				
<u>' </u>	n of L Meintenance Percenses	F-23			*									
	Nepata of materials												٠.	
_	Sub-total (1 to 3)													ì

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ne of Distribution Licenses

Person P. 6.1

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		Previous Year	Previous Year	Previous Year Previous Year (n-4)	Previous Year	Previous Year (R-2)	Previous Year [a-1]		Ourrest Year (n)	Ē	(11-1)	(8+2)	(8+3)	Remarks
eri .	S.N. Particulars	(Actuals/	(Actually)	(Actually)	(Actually)	(Actuals)	(Actually)	Apr-Sep (Oct-Mer	Total (Amfl - Manth)	Projected	Projected	Projected	-
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	1 Selaries								+					
Ė	2 Additional Pay / Destries Allowance (UA)								+					
Ė	S. Other Allowances & Rebei							_						
t	6 Interior Rebet / Wage Revision								1					
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L	2 Provision for PF Provi							1	1					
	3 Any Other States							-						
Ĺ	Total C													
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1	Complement of the Parking Construction of the Parking Cons													Ī
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Projected Proj	ı		Previous Year	Previous Year	Previous Year	Previous Year	Previous Year	Previous Year fa-ti		Current Yes	E)	(I+1)	(0+2)	(8+3)	Remarks
	a		(9-R)	9	Ī	5			13.11	Owwen	Total			Profested	
bire diames Research Catr Addistance Research() Research()	5 ≨		(Actuals)	(Actually	(Actually Andline)	Anditad	Andited	Andited	2	(Bettmated)	(April - March)	rojected	T. T. Chicago		
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7.2 Grade II 7.4 Grade III 7.5 Grade III 8.1 Grade II 8.2 Grade II 8.3 Grade II 8.4 Grade II 8.4 Grade II	1	- Partie				į									
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() Care ()	٠.	2 Carde 11													
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(Rs. Crore)

Projected

Projected

Name of Distribution Licensee Licensed Area of Supply

o g

Previous Year (n-1) (Actuals/ Audited)
 Previous Year
 Previous Year
 Previous Year
 Previous Year

 (n-5)
 (n-4)
 (n-3)
 (n-2)
 (n-2)

 (Actuals / Audited)
 (Actuals / Audited)
 Andited)
 Andited)
 Previous Year (n-6) (Actuals / Audited) Form: F-4.2 Repair & Maintenance Expenditure Station Supplies
OtherCredits to R&M Charges
Total (1 to 10) Particulars

Ensuing Year Ensuing Year Ensuing Year (n+2) (n+2) Projected Apr-Sep Oct-Mar Total
(Actual) (Estimated) (April - March) Corrent Year (n)

A	Administration & General Expenses													(Bas Crare)
Marked Actividade Activid	vs X	Previous Year (n-6)	Previous Year (n-5)				Previous Year (n-1)		Ourest Year (a)			Enorting Year (n+2)		
	Particulars													Remarks
The file Course of the Course		(Actuals/ Audited)	(Actuals/ Audihed)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Betimated)	Total (April- March)		Projected	Projected	
to the first of th	A Administrative Expenses				-					7	,		*	
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The fruit but Machinery To Acid Machinery The Could by Agencie The Principles Related to the	5 Incentive & Award To Employees/Outsiders			Ď							,			
The first bad Machinery Was Collected in the back of the collected of the	6 Consultancy Charges			.5										
Early And Medicary Control M	7 Technical Faes							,						
Paid To C Praid To C Cutadde es expenses	8 Other Professional Charges													1
e Of Feid To C Feid To C Feid To C Cutside es es expenses	9 Conveyance And Travelling			`										
wan Paid To C				-										
Paid To C	-													
Se And Pe Se And Pe Se And Pe Se And Pe Se	Vehicle Expenses (Other Than												,	
12 Security / Service Charge Point 10 Outside Agencies 8 Sub-Charge Point 10 Outside Agencies 9 Sub-Charge Point 10 Outside Agencies 10 First of All Subsequence 11 Security / Service Charges 12 Security / Service Charges 13 Security / Service Charges 14 Security of Subsequence 15 Security of Subsequence 16 Security of Subsequence 16 Security of Subsequence 17 Security of Subsequence 18 Security of Subsequence 19 Security of Subsequence 10 Security of Subsequence 10 Security of Subsequence 11 Security of Subsequence 12 Security of Subsequence 13 Security of Subsequence 14 Security of Subsequence 15 Security of Subsequence 16 Security of Subsequence 17 Security of Subsequence 18 Security of Subsequence 19 Security of Subsequence 10 Security of Subsequence 10 Security of Subsequence 10 Security of Subsequence 11 Security of Subsequence 12 Security of Subsequence 13 Security of Subsequence 14 Security of Subsequence 15 Security of Subsequence 16 Security of Subsequence 17 Security of Subsequence 18 Security of Subsequence 19 Security of Subsequence 19 Security of Subsequence 10 Security of Subsequence 10 Security of Subsequence 12 Security of Subsequence 13 Security of Subsequence 16 Security of Subsequence 17 Security of Subsequence 18 Security of Subsequence 18 Security of Subsequence 19 Security of Subsequence 19 Security of Subsequence 10 Security of Subsequence 10 Security of Subsequence 11 Security of Subsequence 12 Security of Subsequence 13 Security of Subsequence 16 Security of Subsequence 17 Security of Subsequence 18 Security of Subsequence 19	Trucks And Delivery Vens)													
Start-Index V(I To 12) Contact Start Star	Security / Service Charges Paid To C					:								
1 Other Changes 2 Charles Changes 3 Actor Exception Book And Periodical 3 First Media Michaeles Book And Periodical 4 Actor Exception Book And Periodical 5 First Media Michaeles Book And Periodical 6 Actor Exception Book And Periodical 7 Exception Book And And Section Book And	Seb-Total 'A' (1 To 12)	_												
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ment Bopersess expenses (Truck/ Delivery Vat	1 Preight On Capttal Equipments									7				
expenses (Truck/ Delivery Var	2 Purchase Related Advertisement Expenses													
	3 Vehicle numing and hiting expenses (Truck/ Delivery Van)													
	4 Other Preight													
	5 Transit Insurance													
	,6 Octrol													
								-						
	Sub Total 'B' (1 To 8)													
		-												
H INCLACE Express (F. C)														
	H Net A&G Expenses (F - G)		_											

Distribution Licensee

ionsed Ares of Supply

Form: F- 5.1 Statement of Gross Fixed Asset Base & Financing Plan

Final Approved Cost as on Commercial Operations Date		
Description of the Project	Capital Expenditure	Date of Capitalisation
(a) Project-1		(DD/MM/YY)
(b) Project-2		(DD/MM/YY)
(c) Project-3		(CDD/MM/AX)
(c) Project 4		(DD/MM/YY)
(c) Project-5 atc		(DD/MM/YY)

Original Financing Plan (Project-wise)

Rupee Term Loan	27	
Debt 1	~	:
Debt 2 *		****
Foreign Currency Loan		
Debt 1		
Debt 2 *		
Equity		
In Rupeas		
in Foreign Currency		
Capital Grant/Capital Subsidy		
Consumer Contribution		

(Figures in Rs Crore)

Retirement of Closing assets during balance. Additions during the year Opening balance Building
 and so on (As per categorisation given in the Regulations) Particulars of Assets Previous year (n-1) Total

Current Year (n)						(Figures in Rs Crore)
		Additions of assets during the year	uring the year	Retirement of	Retirement of assets during the	-
Particulars of Assets	Opening Balance	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Closing balance
a) Land						
b) Building				,		
c) and so on (As per categorisation given in the Regulations)	,					
	3.					
Total						

Licensed Area of Supply

Form: F- 6.1 Statement of Gross Fixed Asset Base & Financing Plan

Ensuino vear (n +1)				(Figures in Rs Crore)
Particulars of Assets	Opening balance	Additions during the assets during year the year	Retirement of assets during the year	Closing balance
out (out				
h) Ruilding				
c) and so on (As per categorisation given in the Regulations)				
	.,			
	37			
Total				

Transfer (n. 42))	(Figures in Rs Crore)	Ore)
Particulars of Assets	Opening balance	Additions during the assets during year the year	Retirement of assets during the year*	Ctosing balance	
a) Land					
b) Building					
c) and so on (As per categorisation given in the Regulations)					
				•	
Total					ï
Thereing (n 43)				(Figures in Rs Crore)	rore)
A series of Response		4.	Retirement of	Closing	

Foscing veer (n +3)				(SIND SILILI SOINELL)
Particulars of Assets	Opening balance	Additions during the assets during year the year	Retirement of assets during the year	Closing balance
s) Land		,		
1				
c) and so on (As per categorisation given in the Regulations)	i			
	i.			
Total				

* Please provide Actual / Proposed Dates of Addition and Retinement of Fixed Assets during the year

Form: F- 5.2 `Statement of Asset wise Depreciation

Previous year (n-1)					(Figures in Rs Crore)	
Particulars of Assets	Rate of Depreciation in %	Accumulated Rate of Depreciation at the Depreciation in % beginning of the	Depreciation provided for the	Withdrawis e during the year		
a) Land	•					
b) Building						
c) and so on (As per categorisation given in the Regulations)					1	
		,				
						-
						÷
						-
Total	,					

Current Year (n)		' '		i			(Figures in Rs Crore)
		Accumulated	Depreciation provided for the	wided for the	Withdrawle during the year	ring the year	Balance of
Particulars of Assets	Rate of Depreciation in %	Rate of Depreciation at the Depreciation in % Depreciation in % Depreciation at the Depreciation at the Year Apr-Sep (Actual)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Apr-Sep (Actual) Oct-Mar (Estimated)	accumulated depreciation at the end of the year
a) Land							
b) Building							
c) and so on (As per categorisation given in the Regulations)							
				·			
Total	•						

Ensuing year (n +1)	•		,		(Figures in Rs Crore)
Particulars of Assets	Rate of Depreciation in %	Accumulated Depreclation at the procession in % byginning of the %	epreciation wided for th year	Withdrawls during the	Balance of accumulated depreciation at the end of the year
a) Land					
b) Building					
c) and so on (As per categorisation given in the Regulations)					
			-		
Total					

Licensed Area of Supply

Fотт: F-5.2 Statement of Asset wise Depreciation

Particulars of Assets						2000
Building Fate of Building	Ensuing year (in +4) Particulars of Assets	Rate of Depreciation in %		Depreciation provided for the year	Withdrawis during the year	Balance of accumulated depreciation at the end of the year
Building and so on (As per categorisation given in the Regulations) Land Land Building Accumulated Depreciation at the provided for the during the year year Land Building and so on (As per categorisation given in the Regulations) Land Building and so on (As per categorisation given in the Regulations)						
and so on (As per categorisation given in the Regulations) Land Building and so on (As per categorisation given in the Regulations) Land Building and so on (As per categorisation given in the Regulations)	a) Land	•				
ing year (n +3) Rate of Particulars of Assets Depreciation in the Regulations) Rate of Depreciation and so on (As per categorisation given in the Regulations)	c) and so on (As per categorisation given in the Regulations)					
tand Building Building Accumulated Particulars of Assets Particulars of Assets Building Accumulated Depreciation Accumulated Depreciation Accumulated Depreciation Withdrawis Accumulated Depreciation Accumulated Accumulated Depreciation Accumulated Accumulated Accumulated Accumulated Depreciation Accumulated Acc						
Land Building and so on (As per categorisation given in the Regulations)						
Ing year (n +3) Rate of Particulars of Assets Particulars of Assets Land Building and so on (As per categorisation given in the Regulations) Rate of Depreciation at the provided for the during the year year year and so on (As per categorisation given in the Regulations)			1			
Ing year (n +3) Rate of Percelation at the Particulars of Assets Land Building and so on (As per categorisation given in the Regulations)						
Particulars of Assets Rate of Depreciation at the Particulars of Assets Depreciation in % beginning of the year year year year set categorisation given in the Regulations)	Total	•				(Figures in Rs Crore)
Particulars of Assets Rate of Depreciation at the provided for the during the year year year a categorisation given in the Regulations)	Ensuing year (n +3)	-	Accumulated		1,000	Balance of
a) Land b) Building c) and so on (As per categorisation given in the Regulations)	Particula	Rate of Depreciation in %		Depreciation provided for the year	Withdrawis during the year	accumulated depreciation at the end of the year
b) Building c) and so on (As per categorisation given in the Regulations)	pro 10					
b) burioning c) and so on (As per categorisation given in the Regulations)	7000					
C) and 80 on (As per categorisation in the c	b) Building					
	c) and so on (As per caregorisation give:					

Form: F-5.3 Statement of Depreciation

 Upto 2000
 2001 2002 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2014 2015

 01
 02
 03
 04
 05
 06
 07
 08
 09
 10
 11
 12
 13
 14
 15
 16
 (Figures in Rs Crore) Advance against Depreciation recovered during the year
Depreciation and Advance against Depreciation recovered
during the year
Cummulative Depreciation and Advance against Detail of FERV
Amount of FERV on which Depreciation is charged Depreciation on Additional Capitalisation Amount of Additional Capitalisation Depreciation recovered upto the year Depreciation recovered during the year Financial Year **Depreciation on Capital Cost** Depreciation Amount Depreciation Amount

Form: F-5.4

Contributions, Grants and subsidies towards Cost of Capital Assets

Previous Year (n) Ensuing Year Ensuing Year		Collair datable, Chains and Substates to man of cost of Carrier	To the second se		,				(Figures in Rs	
(Actuals / Audited) Apr.Sep (Actual) Oct-Mar (April - Audited) Total (April - Audited) Projected Projected Projected Inds Cost Of Capital 4	•		Previous Year (n 1)		Current Year	r (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
sumer Contribution Towards Cost Of Capital -Total bright Towards Cost Of Capital Assets -Total -Total -Total -Total -Total		Source		Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
ssumer Contribution Towards Cost Of Capital f etb f -Total f sidies Towards Cost Of Capital Assets f or Total f Total f -Total f at al f	1	And the state of t		,				•		
Stidies Towards Cost Of Capital Assets Int Towards Cost Of Capital Assets Total International Assets Total		sumer Contribution Towards Cost Of Capital		W	· .					1
sidies Towards Cost Of Capital Assets Int Towards Cost Of Capital Assets -Total al	يدر	►Total		,						•
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-Total	🔯	nt Towards Cost Of Capital Assets								
		-Total		· .			•			
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	ı					-				

Form: F- 6.1 Statement of Capital Expenditure

Statement of Capital Expenditure			į								(Figures in Rs Crore)	ore)
		Previous		Current Year (n)	(L)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)		Total	Total Expenditure	Remarks++
Particulars	FY of COD	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks+	Approved by Competent Authority	Actually	
A) Expenditure Details												
a) Land							,					
b) Building												
c) Major Civil Works											,	
d) Plant & Machinery				:Z-34								
e) Vehicles				÷								,
f)Furniture and Fixures												
g) Office Equipment & Others				`								
Total (A)												
The second of financing											7	
Disno form I can							,					
Daht 1												
Debt 2												
					-73							,
Foreign Currency Loan												
Debt 1	-											
Debt 2	-				_		-					
1												
Equity in Dimose			,									
In Equal Currency												
Others (Please specify)					-							
Canital Grants/Subsidy												
Consumer Contribution				-	-	-						
				-	-							

i) The break up wherever required and necessary may be given in respect of Loans and Equity financing supported with respective documentation.

ii) Copies of Approval from competent authorities may be furnished in respect of cost of project, its components and scheme of finance.

iii) Remarks+: Explain for the causes of deviation if the actual expenditure during the current from that approved by UERC or the authoridsed agencies

iv) Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or the authoridsed agencies

Name of Distribution Licensee Licensed Area of Supply

Statement of Capital Works-in-Progress

Form: F- 6.2

Ensuing Year (n+1) | Year (n+2) | Year (n+3) Projected Projected Ensuing Projected Ensuing Total (April -March) Current Year (n) (Estimated) Oct-Mar Apr-Sep (Actual) Actual / Audited Previous Year (n-1) Year 1 Less: Investment Capitalised Interest During Construction 1 Opening balance of CWIP Closing balance of CWIP **Particulars** Expenses Capitalised 2 Add: New Investment Capital Expenditure S n

Remarks

Form: F- 6.3 Details of Capital Cost and Financing Structure

	•	***							
		Previous Year (n-1)		Current Year (n)	(E)	Ensuing Ensuing Year (n+1) Year (n+2)	Ensuing Year (n+2)	Finshing Year (n+3)	Í
Year ending March	FY of COD	Actual / Audited	Apr-Sep (Actual)	Apr-Sep Oct-Mar (Actual) (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
Basic Project Financial Parameters		2							
Canital Cost		,							1
Addition during the year						,			•
Coletion diving the year									
Gross Capital Cost (A)									
Fruity against Original Project Cost								,	
Addition during the year									
Equity Sub-Total (B)									
Carte Annies Annies the Advisor Capital Cost									
Debt outstanding against the case added during the year									
New Logins access the Total (C)									
Į									
Grants against original project cost									
Addition during the year								-]	
Grants Sub-Total (D)									
Total Financing (B+C+D)			_						
					٠			-	

Note:

i) *Approved or Actual Capital Cost whichever is less.
 ii) The equity and loan shall be divided into foregin and domestic component if applicable.

Details of Financial Packages , Form: F- 7.1

•				-		,					, ;
Spand Sunds	Amount in FC	Exchange Rate	Amount in Indian Currency	Terms of Repayment	Grace Period	Rate / Return on	Guarantee Commission	Upfront Fees/ % of Exposure Total Premium Debt	% of Total Debt	% of Total Equity	% of Total PC
	(Name of	(Rs./FC)	(Rs. in Crore)	(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%)	(%)	(%)
(A) Debt	77-20-20-20-20-20-20-20-20-20-20-20-20-20-										T
Foreign:											
Loan l			19								
Loan II			•				1			1	
Loan III											
Loan IV etc.											
Indian:									2		
Loan I											
Loan II etc.											
Total Loan (A)		`							_		
(B) Equity											
Foreign:											
Indian:						,					
Total Equity(B)											
(C) Grants											
Foreign:											,
Indian:											
Total Grant (C)											
Total Financing (A+B+C)	-			:							
Total Project Cost											
		٠.,	•								

(i) In case of schemes capitalsied Financial package details, as admitted by the Competent Authority on Capitalisation of the Schemes shall be fumished in the Format (ii) In case of schemes which are yet to be capitalised. Financial package details, as approved by the Competent Authority, shall be furnished in the Format alongwith

⁽ii) FC- Foreign Currency (iii) PC- Project Cost

Name of Distribution Licensee	
Licensed Area of Supply	
	· · · · · · · · · · · · · · · · · · ·
East E 7.0	

Draw Down Schedule for Calculation of IDC & Financing Charges

	-	·		·	-			(Figures in Rs C	rore)	
SI. No.	Draw Down		Quarter 1			Quarter 2			arter n (COD)	
	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount In Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount In Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupse
1.1	Loans Foreign Loans	· · · · · · · · · · · · · · ·								
		,							 	
1.1.1	Foreign Loan 1								1	
	Draw Down Amount IDC									
	Financing Charges					7				
	FERV									
	Hedging Cost								ļ	
1.1.2	Foreign Loan 1									
	Draw Down Amount IDC				<u> </u>					
	Financing Charges									
	FERV									
	Hedging Cost				<u> </u>		-			
	Foreign Loan n							· · · · · · · · · · · · · · · · · · ·		
	Drew Down Amount									
	IDC Financing Charges		· · ·							
L I	FERV				 	-				
	Hedging Cost									
1.1	Total Foreign Loans	~ 	•		<u> </u>					
1	Draw Down Amount									
	IDC	· · · · · · · · · · · · · · · · · · ·							· · · · · · · · · · · · · · · · · · ·	
	Financing Charges FERV	·			<u> </u>					
	Hedging Cost			· · · · · ·			··			
										
1.2	Indian Loans		·							
	THE STATE CONTO									
	Indian Loan 1									
	Draw Down Amount IDC							- · · · · · · · · · · · · · · · · · · ·		
	Financing Charges									
100	Indian Loan 2									
	Draw Down Amount	-								
	IDC									
	Financing Charges									
1.2.n	Indian Loan n						 			
	Draw Down Amount						. 1			
	IDC Financing Charges									
	- manany ontriges									
	Total Indian Loans									
	Draw Down Amount IDC		· · ·						· ·	
	Financing Charges									
					-					
	Total of Loans Drawn			 			•			
	Financing Charges									
	FERV									
	Hedging Cost									
2	Equity									
9.4	Section Fault, P									
2.1	Foreign Equity Drawn				 	·				
2.2	Indian Equity Drawn									
2	Total Equity Deployed									
	rocal Equity Deployed		l <u></u>		L	<u> </u>	<u> </u>			

Note: 1. Drawl of Debt and Equity shall be on part passu basis quarter wise to meet the Commissioning schedule. Drawl of higher Equity in beginning is permissible.

Applicable Interest Rates including reset dates used for computation may be furnished separately.
 In case of Multi Unit Project, details of Capitalisation ratio used to be furnished.

Name of Distribution License Licensed Area of Supply	
Form: F- 7.3 Statement of Outstanding Lo	āns

Formet for Obstitution

Previous year (n-1)

Loan Agency (Source of loan)	Rate of Interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount received during the year	Principal due during the year	Principal redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Audited	Actual/ Auditted	Actual/ Audited	Actual/ Auditted	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(8)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government						,			
Loan 1 (Neme of lender)	•								
Loan 2 (Name of lender)		4					•		
Loan 3 (Name of lender), etc.		}	•						
Sub-Total (A)									
8. Government Loans							ļ		
Type 1							l.	1	
Type 2	·····								
Type 3 etc.		I			: I		!		
Sub-Total (B)									
Sub-Total (A+B)									
C. Normative Loans		<u> </u>					L		
TOTAL (A+B+C)									

Current Year (n)

Loan Agency (Source of loan)	Rate of Interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount received during the year	Principal dua during the year	Principal redeemed during the year	Principal Overdue at the year end	Principal Due at the year and	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated **	Estimeted	Estimeted	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(0)=(4)+(5)-(0)	(10)
A. Other than state government		1		i					
Loan 1 (Name of lender)							,		
oen 2 (Name of lander)	· ·						1		
Loan 3 (Name of lender), etc							 		
Sub-Total (A)									
B. Government Loans									
Type 1							-		
Type 2					·				
Type 3 etc.									
Sub-Total (B)				,					
Sub-Total (A+B)									
C. Normstive Loans		· ·	<i>±</i>					• •	
TOTAL (A+8+C)							1	`	

Ensuing year (n+1) Repayment period (Years) Principal Overdue the year end Loan Agency (Source of loan) Estimated (6)=(6)-(7) (10) Loan 1 (Name of lender) Loan 2 (Name of fender) Loan 3 (Name of lender), etc. Sub-Total (A) 8. Government Loans Type 1 Type 2 Type 3 etc. Sub-Total (B) Sub-Total (A+8) C. Normative Loans
TOTAL (A+B+C)

Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Yeers)	Balance at the beginning of the year	Amount to be received during the year	Principal dua during the year	Principal to be redeemed during the year	Principal Overdus at the year and	year end	ro-Ransacian
		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
	Estimated	(3)	(4)	(5)	(8)		(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
	(2)			1-1-1-			1		
• 1				1					·
Other than state government							1	ļ	İ
san 1 (Name of lender)		1	ļ				···		·
pun 2 (Name of lender)									·
part 2 (regime of terroer)		·		-	1		1	ŀ	ſ
oan 3 (Name of lender), etc.				 		 			
						 			
iub-Tolel (A)				1	ì		l		
3. Government Loans		 	<u> </u>	 		, , ,			
			<u> </u>	<u> </u>		 			
Type 1					į	l	<u> </u>		
Type 2				· · · · · · · · · · · · · · · · · · · 					1
ype 3 etc	Ĺ			 	 	 	 		,
-	i	1.	1	l		<u> </u>	ļ		
(8) istoT-du				T	ļ.	1	1		4
iub-Total (A+8)					 	 			
Normative Loans			<u> </u>	<u> </u>	 	 	 	 	
TOTAL (A+B+C)			1		1	ł		<u> </u>	

Loan Agency (Source of Icon)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due , during the year	Principal to be redeemed during the year	Principal Overdue at the year end	yeer end	Remarks
1			Estimated	Estimated	Extirnated	Estimated	Entirented	Estimated	
<u>i</u>	Estimeted	Estimated		(5)	(6)	(7)	(8)=(5)-(7)	(9)=(4)+(6)-(0)	(10)
(1)	(2)	(3)	(4)	101					
Other than state government				<u> </u>					
oan 1 (Name of lender)						·			
oan 2 (Name of lender)		T				<u> </u>			
· ·		 							
oan 3 (Name of lender), etc		 		 					
lub-Total (A)			<u> </u>				 		
3. Government Lozns		.}		ļ -	 	18.4	3-		
íype 1		 			<u> </u>	ļ			
ype 2			Ļ	 		 	 		
ype 3 etc.	L	<u> </u>			<u> </u>		 		
iub-Total (8)				 	 	 	 -	 	
Sub-Total (A+B)				<u> </u>	ļ	 	 	 	·
Normative Louns		1		 	 	 	 	 	
TOTAL (A+B+C)			l	1	ŀ				

Note: i) @ - In case reachablement of any loan has been undertaken, the lems of rea

i) The original Financing Plan and the cumulative repayment as per the Original Financing Plan to be outlined for each Loan.

a) For current year, Loans already drawn and the loan proposed to be drawn by and of year to be shown separately.

w) Any new loan from existing or new landers to be identified separately as a Loan.

v) in case of Foreign Currency Loans, data to be provided in the currency of borrowing alongwith the name of the currency.

Name of D	istribution Licensee
Licensed A	rea of Supply

F	 201-4-11	4 4

Form: F- 7.4 Calculation of Weighted Average interest Rate of Interest on Actual Loans *

S.No.	Particulars	Existing	2012-13	(Figures in 2013-14	2014-15
		2011-12	(4)	/5\	
(1)	(2)	(3)	(4)	(5)	(6)
	Loan 1	 	1		
	Gross Loan - Opening		 		
	Cummulative payments of Loan upto Previous				
	Year				+
	Net Loan - Opening		- 		
	Add: Drawl(s) during the year				
	Less: Repayment(s) of Loan during the year	 	+		+
	Net Loan - Closing				
	Average Net Loan				
	Rate of Interest on Loan on Annual Basis	 	+		
	Interest on Loan	<u> </u>			
		 	74		
· · · · · · · · · · · · · · · · · · ·	Loan 2	 	 		
	Gross Loan - Opening	 		•	+
	Cummulative payments of Loan upto Previous Year			•	
	Net Loan - Opening				ļ
	Add: Drawl(s) during the year				<u> </u>
	Less: Repayment(s) of Loan during the year				ļ
	Net Loan - Closing			· · · · · ·	
	Average Net Loan				
	Rate of Interest on Loan on Annual Basis		1		ļ
	Interest on Loan				<u> </u>
		*	ļ <u> </u>		ļ
	Loan n	ļ		 	ļ
	Gross Loan - Opening	<u> </u>			1
	Cummulative payments of Loan upto Previous Year				<u> </u>
	Net Loan - Opening				
	Add: Drawl(s) during the year				
	Less: Repayment(s) of Loan during the year	<u> </u>			'
	Net Loan - Closing .		1		<u> </u>
	Average Net Loan	:			
	Rate of Interest on Loan on Annual Basis	<u> </u>			
	Interest on Loan	J			
			`		
	Total Loan				<u> </u>
	Gross Loan - Opening				
	Cummulative payments of Loan upto Previous Year	· ·			
	Net Loan - Opening				
	Add: Drawl(s) during the year	<u></u>			
	Less: Repayment(s) of Loan during the year				
	Net Loan - Closing				
	Average Net Loan				
	Rate of Interest on Loan on Annual Basis				
	Interest on Loan				
				1	7

^{*} In case of Foreign Loans, the calculation in Indian Rupee is to be furnished. However, the calculation in Original currency is also to be furnished separately in the same format

Name of Distribution Licensee Licensed Area of Supply

Form: F- 7.5 Calculation of Interest on Normative Loan

			(Figures in Rs Crore)	Crore)
Particulars	Existing 2011-12	2012-13	2013-14	2014-15
(1)	(2)	(3)	(4)	(2)
Gross Normative Loan - Opening				
Cummulative payments of Normative Loan upto Previous Year				7
Net Normative Loan - Opening				
Increase or Decreasedue during the year	•			
Less: Repayment of Normative Loan during the year			-	
Net Normative Loan - Closing				
Average Normative Loan				,
Weighted Average Rate of Interest on Actual Loan on Annual Basis				٠
Interest on Normative Loan				

Details of Interest on Working Capital

Form: F-8

s.		Previous Year (n-1)	* 4	Current Year (n)	r (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
ž	Item	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep Oct-Mar Total (April - (Actual) (Estimated) March)	Projected	Projected	Projected	Remarks
						,			
		,,,				•			
-	O&M expenses (equivalent to 1 month)		, 4						
ŗ	Maintenance Spare (15% of operation and								
1 -	maintenance expenses)	•							•
3	Receivables (Two months of cosumers bills)								
	Less:								
4	Adjustments held as security deposit						1		
വ	One month equivalent of cost of power purchased								
9	Working Capital Requirement								
4									
8	8 Interest on Working Capital								
									_

Form: F-9

Provision for Bad Debts

	Provision for Bad Debts	ŧ .			-		(Figures in Rs Crore)	Rs Crore)
Ž	Item	Previous Year (n-1)		Current Year (n)	r (n)	Ensuing Year (n+1)	Ensuing Ensuing Year (n+1) Year (n+2)	Ensuing Year (n+3)
		(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep Oct-Mar Total (April - (Actual) (Estimated) March)	Projected	Projected	Projected
-	Opening Balance of Receivables						1	•
7	Total Provision Available at the beginning of the year							
က	Total % of Provisioning Available $(2/1 \times 100)$	•						
4	Revenue Billed					y ⁱ		
2	Provision for Bad Debts (1% of 4)							
		200						

* Provision for Bad Debts to be considered only till S.No. 3 does not exceed 5.00%.

Return on Equity

Form: F-10

								(rigures in to Clore)	S CLUIC)
		Previous Year (n-1)	•	Current Year (n)	(n)	Ensuing Year (n+1)	Ensuing Year Ensuing Year (n+1) (n+2) (n+3)	Ensuing Year (n+3)	
S.No.	Item	(Actuals / Audited) Apr-Sep Oct-Mar Total (April (Actual) (Estimated) March)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April March)	Projected	Projected	Projected	Remarks
r-t	Equity at the beginning of the year								
7	2 Capital Expenditure								i,
က	Equity portion of capital expenditure	,							
4	Equity at the end of the year								
								j	
	Return Computation								
5									
	Equity								

Form: F-11

Details of Non-Tariff Income

)	Figures in Ks	
		Previous Year (n-1)		Current Year (n)	: (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	·
S.No.	Item	(Actuals / Audited)	Apr-Sep (Actual)	Apr-Sep Oct-Mar (Actual) (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
æ	Miscellaneous income from		77 m ax .						
-	Meter / service line rentals							1	
2	Misc. charges from consumers								
က	DPS							,	
	Sub-Total (A)			ţ	-				
B)	Other Miscellaneous Charges	r							
4	Income from Investments			, /					
5	Sale of Apparatus and Scrap			•					
91.7	Wheeling Charges								
7	Income from Misc. receipts							-	-
	Sub-Total (B)							-	
Ö	Trading/UI					-			
	Interstate sales / Grid Sale handling			•					
8	charge					•			
	Total								

			1	
Name of Distribution Licensee Licensed Area of Supply				Format for Distribution
Fortu: F-12	· ·	!		
Income from Wheeling Charges			•	
Previous Year (n-1)			•	_

S.No	Open Access Consumer	Contracted Capacity (kW)	Fixed Charge (Rs/kW/month)	Energy Wheeled	Energy	Any Other Charge as approved by Commission (Please specify)	for Elved	Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
					5	6	7	8	9	10=7+8+9
-	1	2	3	 					 	
1	L	<u> </u>		 		T			ļ	
2	<u> </u>	<u> </u>	 	 			<u> </u>	 	 	 -
3	3	<u> </u>	 				 	 	 	
	<u> </u>	 	 			<u> </u>	 	 		
\ <u>:</u>	<u></u>	 	 	I	<u> </u>	·	 	 	1	
-	Total				<u></u>	<u> </u>	1		·	

Current Year (n)

S. No	Open Access Consumer	Contracted Capacity (kW)	Fixed Charge (Rs/kW/month)	Energy Wheeled	Energy	Any Other Charge as approved by Commission (Please specify)	Elmed	Revenue from Energy Charge	Revenue from Other Charge	Total Revenue
	<u> </u>				5	6	7 ~	<i>z</i> : 8	9	10=7+8+9
								<u> </u>		
2									<u> </u>	
-3	l									
		 					 	 -	 	<u> </u>
 	Total			<u> </u>	<u> </u>					

Ensuing Year (n+1)

S. No		Contracted Capacity (kW)	Fixed Charge (Rs/kW/month)	Energy Wheeled	Charge (Rs/kWh)	Any Other Charge as approved by Commission (Please specify)	£ 112	Revenue from Energy Charge	Revenue from Other Charge	YOUR KEVERAC
	ļ			4	5	6	7	8	9	10-7+8+9
	1				 -					
7			 						 	
-				ļ	├					
	5	 			-		 			
-	Total	<u> </u>				<u> </u>				

Ensuing Year (n+2)

S. No	Open Access Consumer	Contracted Capacity (kW)	Fixed Charge (Ra/kW/month)	Energy Wheeled	Energy	Any Other Charge as approved by Commission (Please specify)	4 18d	Revenue from Energy Charge	Révenue from Other Charge	TOTAL REVENUE
		2	3	44	5	6	7	8	9	10=7+8+9
1										
	5			<u> </u>		<u> </u>				} <u>.</u>
	Total				 	<u> </u>		<u> </u>		

Ensuing Year (n+3)

S. No	Open Access Consumer	Contracted Capacity (kW)	Fixed Charge (Ra/kW/month)	Energy Wheeled	Energy	Any Other Charge as approved by Commission (Flasse specify)	Come Diversi	Revenue from Energy Charge	Revenue from Other Charge	TOTAL REVENUE
ļ			 	4	5_	6	7	8	9	10=7+8+9
	11	<u> </u>	 				<u> </u>	<u> </u>	 	
1		<u> </u>	ļ					 	-	
L2	 	 				ļ		 	 	
	 	 			ļ <u>.</u>	<u> </u>	- ` -	 	1	
 -			<u> </u>	 	 	 	=			
-	1			ļ	+				<u> </u>	<u></u>
	Total	T	<u> </u>			<u> </u>	,		• •	-

Total Revenues Ö Dennand Charges Other Charges Ö Ů, Fixed . 2 2 Ä Energy Changes Ö 2 Off Peak Ů Ž Other Charges Specify maly (Ra/ kVA/ month) Demand Charges Food Charges (Re/ conn/ month) (Raj kwa) (Raj kwad) (Raj kwad) (Raj kwad) (Raj kwad) Peak Hours Off Peak Hours 96 Connected (kw) Total no. of consumers Previous Year (p-1)

Revenue from Sale of Power at Eduting Tariffs

Ş Total Revenues Road Charges Denum Charges Other Charges ტ **გ** Ö 2 ٥ ڪ ğ P S Energy Charges Off Peak Load Ů. Specify unit? Other Charges Demand Charges (Na/ kVA/ month) (Re/ kWh) (Re/ kVAh)- (Re/ corn/ month) Flood Charges Post Load Energy Charges (Rs/ kWh) (Rs/ kVAh) Off Peak Load (A)(C) Connected ¥ Total no. of consumant Category Current Your (n)

Reverse from Sale of Power at Beleting Teriffs Perm F-13

Previous Year (n-1)

Ö Total Flued Charges Demand Charges Other Charges Š <u>ن</u> ۾ Ö ŽŽ Energy Charges Of Pac ğ Specify unit? Other Charges Demand Charges (Ra/ kVA/ month) (Ra/ kWh) (Ra/ kVAh)" (Ra/ corm/ month) Fixed Charges Peak Load Energy Charges (Re/ EWIN) (Re/ EVAH) Off Peak Load 5 Commercial (JEAN) Total no. of consumers Calegory Eneming Year (n+1)

Revenue from Sale of Power at Belating Taillis

Previous Year (n-1)

Fertie: F-13

Form F.13 Revenue from Sale of Power at Bidating Tariffs

Previous Year (n-1)

Ensering Year (n+2)				-												-			
		Johnson				Energy Charges				Flued Charges	Demand Charges	Other Charges	Ener	Energy Charges	Fixed	Charges D	Fixed Charges Dentand Charges Other Charges	the: Charges	Total Revenues
S. Category	Total no. of consumers	p p	Consumption	Off Peak Load	k Lond			Peak Load	2				Off Peak Load		Peak Load				
	.L	(kew)	(i)W(i)	(Ps/ kwh)	(Re/ kWh) (Re/ kVAh)	-	<u> </u>	(Rs/ kWh) (R	s/ kVAy) (R	(Rs/ kVAjt) (Rs/ conn/ month)	(Rs/ kVA/ month)	Specify units	BC		Re Cr	Ze Cr	j) S	75 8 2	Υ.C.
									 						7				
11	-1				1		+	-	1					-					
1 Campay-1					1			12	+					+	-	+			
Sub-1						1		+						+	+	+	-		
b Stab-2						+		+	+							-			
						1	1	+											,
1 Catagory-2							1	+	+										
4 Seb-1					-	1	 		-										
b Stab-2						-			\dagger							-			
C 1111						+	-	$\frac{1}{1}$						-	ļ,	-	-4		
1 Calegory-3						1	1	+						+					
4 Stab - 1					<u> </u>	-	+		1							-		,	
b Stab - 2						+	1	-	+										
					<u> </u>				1					†	1	†	+		
1 Category-n														+	-	†	1		
. Slab - 1							+	-	1					1	+		 		
b 51eb-2								+							1		1	1	Ì
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, Category-7									-			,			+				
Stab-1									1						-	1			
b Stab-2														1	-	1			
2						1		+								1			
1 Category-2						1		+	+					t	+		1		
Stab-1						1		+						Ť			†		
b Steb-2	`					1		+	+					T					
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1 Category-3						-		1	1					1	1	1			
a Slab-1						1	-	1							1		1	-	
D Slab-2								_	1										
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4 Stab - 1			-			1		1		,									
h Steb-2						1													
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							-		1					1					
Total						1								-	1	1		-	

Kerenue from Sale of Power at Extailing Tariffs

Previous Year (n-1)

Ensuing Year (n+3)

	-										-				-	-			
						Everyy Charges	ealler			Fixed Changes D	Demand Charges	Other Charges	3	Svergy Changes	- FE	d Charges D	Fixed Charges Demand Charges Other Charges	Other Charges	Revenues
Calegory	Total no. of	load	Consumption		Off Peak Load	v		Peak Load					Off Pask Lond		Post Load			-	
		(kW)	(MU)	(Ro/ KWh)	(Rs/ kVAh)			(Rs/kWh) (R	(R. / KVAh) (R	(Rs/conn/ sronth)	(Rs/ kVA/ month)	Specify unit?	No.Cr		RG.	Rs Cr	Za Cr	5	Ď
					_														
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Sab-2															+	+			
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Sab-1															-		-		
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Stab-1															-	+			
Sab-2															+	1			
															-				
Catagory						_									-				
Slab-1															+				
Sub-2															-				
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J			-			1									+	+		ů	
1 Category-3								1							1	1	ļ		
Stab-1						,	- 	-							+	1			
b Stab-2									*						1				
3															+				
Category-n								1							+				
Sleb-1						-									-	_	1		
b \$566-2.						1			1					1	+	7			
						-									+				
				_												1			
Total								-											

Form: F-14 Revenue from Proposed Tariff for ensuing year

-

Off. (Rs / kVA) Specify Rs month) unit> Rs									1		Fixed	Demand	r P	Friend	Energy Charges	r	Fixed	Demand	O. President	Total
Caregory Caregory					;		П									†	1	_	+	
Fig. Chargot, a continue and a c	ග්ද්	Category	Total no. of consumers		Consumption	Off Pe Hour		Normal Hours		k Load				Off Peak	Normal	Peak		,		
LIT Conserved. Sub-1	ć Ž			(kw)		(Rs/ (kWh) ki	Rs/ (R/Ah) kW	s/ (Rs, rh) kVA	/ (Rs/ h) KWh)	(Rs/ kVAh)	(Rs/ conn/ month)	(Rs/kVA/ month)	<pre>Specify unit></pre>		R.C.	n S	Rs Cr	Rs Cr	\$ C	. R
Caregory Caregory						-			_											
Chesport Chesport		II					Н		_											:
3ab-1 3ab-2 3ab-2 3ab-3 3ab-1 3ab-2 3ab-1	Į.	Category-1		,											!					
Sub - 2 Category 2 Sub - 1 Sub - 2 Category 2 Sub - 2 Category 3 Sub - 2 Sub - 2 Category 3 Sub - 2 Sub - 2 Category 4 Sub - 2 Sub - 2 Sub - 2 Sub - 1 Sub - 2	Ł	Slab - 1				Н	Н		_					,					7	
Chegory 2 Sub - 1 Sub - 2 Sub - 1 Sub - 2 Sub - 1 Sub - 2 Su	م	Slab-2			a.A	Н						,								
Category-2 Sub-1 Sub-1 Sub-1 Sub-2 Sub-1 Sub-2 Sub-1 Sub-2 Sub-1 Sub-2 Sub-1 Sub-2	u	,			4	-							•							
Sab-1 Sab-1 Sab-2 Sab-3 Sab-1 Sab-1 Sab-1 Sab-1 Sab-2 Cargory-1 Sab-2 Cargory-2 Cargory-2 Cargory-2 Cargory-3 Sab-2 Cargory-3 Sab-2 Cargory-3 Sab-2 Cargory-1 Sab-2 Cargory-1 Sab-2 Cargory-1 Sab-2 Cargory-1 Sab-1 Sab-2 Cargory-1 Sab-1 Sab-1 Sab-1 Sab-1 Sab-2 Cargory-1 Sab-1		Category-2																	1	
Siab-2 Category-3 Sab-1 Sab-1 Siab-1 Siab-2 Category-1 Siab-2 Siab-2 Siab-1 Siab-2 Siab-2 Siab-1 Siab-1 Siab-2 Siab-1 Siab-1 Siab-2 Siab-3 Siab-1 Siab-1 Siab-2	8	Slab - 1																		٠
Category 3 Category 3 Category 3 Category 2 Category 3 Cat	م	Slab-2					-													
Category 3 Sab - 1 Sab - 2 S	Ü		-				_													
Slab-1 Slab-2 Category-1 Slab-1 Slab-1 Slab-1 Category-1 Category-1 Category-2 Category-1 Category-3 Category-1 Category-1 Category-1 Slab-1 Category-1 Category-1 Category-1	,-	Category-3					-	_												
Sab - 2 Sab - 2 Sab - 5 Sab - 5 Sab - 5 Sab - 1 Sab - 2 Sab		Slab - 1					_										7			
Cargory-n Slab-1	م	Slab - 2							_											
Category Category	u																			
Slab - 1 Slab - 2 Slab - 2 Slab - 2 Slab - 2 Slab - 3	Ι'''	Category-n		1			\parallel													
Siab - 2 Siab - 2 Siab - 1 Siab - 1 Siab - 1 Siab - 1 Siab - 2 Siab - 2 Siab - 2 Siab - 1 Siab - 2 Siab - 1 Siab - 2	_	Slab-1				_	_												.	
HT Category-1 Slab-1 Slab-2 Slab-1		Slab - 2							-				.]							
HT Category-1 Sab1 Sab2 Sab2 Sab2 Sab2 Sab2 Sab1 Sab2 Sab1 Sab2 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1 Sab1						-		_		_									7	
HT Category-1 Stab-1 Stab-1 Stab-2 Category-2 Stab-1	1																1			
Stab - 1 Stab - 2 Stab - 1 Stab - 2 Stab - 1 Stab - 2		TH.				-		4										1		
Slab-1 Slab-2 Cutegory-2 Slab-1 Total	_						•.													
Siab-2 Caregory-2 Siab-1	6	Slab - 1																		
Category-2 Slab-1 Slab-2 Slab-1 Slab-1 Slab-1 Slab-1 Slab-1 Slab-1 Slab-2 Category-n Slab-2 Slab-1 Slab-2 Total	۵	Slab - 2					-	4		_										
Category-2 Slab-1 Slab-1 Slab-2 Slab-2 Slab-1 Slab-2 Slab-2 Slab-2 Slab-2 Slab-2 Slab-1 Slab-2		1				+	4	-												
Siab - 1 Siab - 2		Category-2					-	-												
Siab-2 7. 7. 7. 7. 7. 7. 7. 7		Slab - 1				-	1	-	_											
Category-3 Slab-1 Slab-2 Category-n Slab-2 Slab-1 Slab-2 Slab-2 Slab-2 Total	ā	Slab - 2					-													
Category 3 Slab - 1 Slab - 1 Slab - 2 Slab -		***				+	-	_	-								1			
Slab-1 Slab-2 Slab-2 Category-n Slab-2 Slab-2 Total Total Total Total Total Slab-1 Total T		Category-3				1	+	4	-	_										
Siab-2 Category-n Siab-1 Siab-2 	æ	Slab - 1				-	1	`	-	_								,		
Category-n Slab - 1 Slab - 2 Total	۵	Slab - 2]		-			_											
Category-n Slab - 1 Slab - 2 			*			-	-		_											
a Stab-1 b Stab-2 c		Category-n						_	_											
b Sab-2 c Total		I- qeIS							_		_									
	4	Slab - 2																		
Total		•••						_	Ц											
T021							-	-	-											
		Total		1		\dashv	-	_	-								1		1	

7.

of Distri	\Box	Area
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Collection Efficiency

Form: F-15

								Enemino Vear	
		Previous Year (n-1)	1,7	/ Current Year (n)	(u)		Ensuing Year Ensuing Lear $(n+1)$	(n+3)	Remarks
S. No.	Particulars	(Actuals / Andited)	Apr-Sep	Oct-Mar	Apr-Sep Oct-Mar Total (April			Projected	
		(weiners) view	(Actual)	Estimated	INTEREST				
	HT Category								
	iii care								
	Category-1			L		,			
	1							,	
	Category-11			· L					
							-	<i>;</i>	
	TT Categoria	*							
	Try Careford								
	Category-1								
	Catagory-n								
	Cambon !!								
	Total								

Form: F-16

Summary of Truing Up

Previous Year (n-1) for Final Truing Up

Prev	Previous Year (n-1) for Final Truing Up	:					(Rs. Crore)
S. No	Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Uncontrollable
		,			,		
	1 Power Purchase Expenses						
	2 Operation & Maintenance Expenses						
2	2.1 Employee Expenses						
2	2.2 Administration & General Expenses						
23	2.3 Repair & Maintenance Expenses						
	3 Depreciation, including advance against depreciation						
	4 Interest on Long-term Loan Capital						
	Interest on Working Capital and on consumer security						
	deposits				ì		
	6 Lease Charges						
	7 Other Expenses (pls prepare details)			-			
	8 Income Tax						
10,	9 Transmission Charges paid to Transmission Licensee						
	10 NLDC/RLDC/SLDC Charges						
F	11 Povision for Bad & Doubtful Debts						
	Total Expenditure						
æ	Return on Equity		-				
							-
U	Revenue						
-	Revenue from sale of electricity						
7							
	1						

Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors

Current Year (n) for Provisional Truing Up

ļ							(KS. Crore)
S.no.	o. Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Uncontrollable
	1 Power Purchase Expenses	:					
	2 Operation & Maintenance Expenses				ż		-
2	2.1 Employee Expenses					•	
2	2.2, Administration & General Expenses	i e					,
4	2.3 Repair & Maintenance Expenses						
	3 Depreciation, including advance against depreciation						
	4 Interest on Long-term Loan Capital						,
	Interest on Working Capital and on consumer security						
	deposits						
	6 Lease Charges			•			
_	7 Other Expenses (pls prepare details)						
	8 Income Tax						
	9 Transmission Charges paid to Transmission Licensee				•		
-	10 NLDC/RLDC/SLDC Charges						
1	11 Povision for Bad & Doubtful Debts						
	Total Expenditure						
		•					
m	Return on Equity						
		**					
U		•		Ac.			
₩-	Revenue from sale of electricity						
7	Other Income	,					ı ji

Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors

Form: F-17.1

System Average Interruption Frequency Index (SAIFI)

	ī	, -	—	-		-		-	_	,		73	<i>)</i>	-
SAIFI n \(\sum_{\lambda(\times N_t)}\)														
n = No. of 11 kV Feeders in the licensed area of supply (excluding those serving predominantly Agriculture loads)	No. of the control of			SPACE AND THE SP										
Connected Load of Load at 11 kV in the Loach interruption Supply Area														
N _i = Connected Load of ith Feeder affected due to each interruption	2.	344				The state of the s							**	
A ₁ = Total No. of sustained interruptions (each longer than 5 minutes) on ith Feeder for the month						The second secon			,					
Month	April	Aay	une	uly	August	eptember	Ctober	Jovember	December	anuary	ebruary	farch		Total

Note: 1. The feeders must be segregated into rural and urban and the value of the indices must be reported separately for each month. 2. The Indices shall be calculated as per Methodlogy specified in the UERC (Standards of Performance) Regulations, 2007

Form: F-17.2

System Average Interruption Duration Index (SAIDI)

Month	B₁ = Total duration of all sustained interruptions on ith Feeder for the month	N _i = Connected Load of ith Feeder affected due to each interruption	N _t = Total Connected Load at 11 kV in the Distribution Licensee's Supply Area	n = No. of 11 kV Feeders in the licensed area of supply (excluding those serving predominantly Agriculture loads)	$\sum_{i=1}^{n} \frac{\text{SAIDI}}{N_t}$
April					
May		-			
]une		•	*		
July					
August					
September					-
October					-
November					
December					-
January				•	
February					·
March					
,					
Total					•
		Ţ			

7

Note: 1. The feeders must be segregated into rural and urban and the value of the indices must be reported separately for each month. 2. The Indices shall be calculated as per Methodlogy specified in the UERC (Standards of Performance) Regulations, 2007

Form: F-17.3

Momentary Average Interruption Frequency Index (MAIFI)

				1 7 7 7	N.C.A.TEST
Month	C _i = Total number of Momentary interruptions (each less than or equal to 5 minutes) on ith Feeder for the month	N _i = Total Connected N _i = Connected ith Feeder affected due to each interruption Licensees Supply Area	N _t = 1 otal Connected Load at 11 kV in the Distribution Licensees Supply Area	n = No. of 11 KV Feeders in the licensed area of supply (excluding those serving predominantly Agriculture loads)	
April					,
víay					
une					
uly					
August		e e			
eptember					*
October		•			
November	\$				
December	,				
anuary		•			
ebruary					
March					
Total					

Note: 1. The feeders must be segregated into rural and urban and the value of the indices must be reported separately for each month. 2. The Indices shall be calculated as per Methodlogy specified in the UERC (Standards of Performance) Regulations, 2007

Fo	rmat for Distribution

Form: F-18.1

Shunt Capacitor Addition/Repair Program

S.No.	Particulars	Capacity (MVAR)
Canacito	or Additions	
1	Tatal Canacitors requirement at the end of Previous year	
2	Acual installed Capacitors at the end of Previous Year	
3	Backlog / shortfall at the end of previous year (1-2)	
4	A 1 1:1: Poguirement for the Current Year	
	Total Canacity required to be added during the current year (3+4)	
6	Actual installed during first half of Current year	· ·
7	The west for the 2nd half of Current year	
8	Tr. 4-1 Consisters likely to be added during Current Year (6+/)	
9	Total capacity likely to be available by the end of current year (2+8)	
10	Short fall if any (5-9)	
Renair	of Defective Shunt Capacitors	<u> </u>
11	At the and of the end of previous year	
12	Net Canacity Available by the end of previous year (2-11)	
13	Canacitors damaged during 1st half of the current year	
14	description of the current vear	
15	Not Composity Associable by the end of 1st half of the year (12-13 1 12)	
16	"Im (1) of domaged capacitors by the end of current year	
17	Net Capacity Likely to be Available by the end of current year (3-10)	
18	Net Shortfall, by the end of the year (5-17)	

The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvement.

Form: F-18.2

Electrical Accidents

Type of Accident HUMAN ANIMAL Total

The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvement.

Form: F-18.3

Abstract of Outages due to feeder tripping

					3	(Actual)	Actual
			Previous Year	ear	בה ה	ופזון וכשו	J. C.
	ł			Total	•	· ·	Total
S	Item	No. of	No. of No. of	Duration of No. of No. of		No. of	Duration of
		feeders	feeders Trippings	Trippings (Hrs)		feeders Trippings	Imppings (Hrs)
,							
-	Reeder voltage Level 1						
ر ا د	Toodon wolferen loves 1			. •			
7	reeder voluge level 2						
n	Feeder voltage Level 3						
_	Average duration of interruption per feeder for			•			
:	voltage level 1						
ÌЦ Зэг	ion						
·	voltage level 2						
	Average duration of interruption per feeder for						
0	voltage level 3						

The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for Average interruption per feeder = total duration of interruptions/(no.of feeders x no. of trippings) Voltage levels for Distribution Licensee are 66kV, 33kV and 11kVimprovement.

Format	tor	Cletz	herti	_

Name of Distribution Licensee
Licensed Area of Supply

Form: F-18.4

Category wise Load Shedding carried out during the year

(In MU)

						(In MU)
S.	Particulars .	Category 1	Category 2	Category 3 etc.	Other Sales	Total
No.	ding Year					· · ·
rece	On SLDC's instructions (to control drawal)					
1	On 3EDC's hish actions (to contact and					
	On SLDC's instructions (to avoid			,		
2	overloading in Transmission Licensee's					
-	network)					
	On SLDC's instructions (due to low voltage					
3	in DPCL network)					
	Due to outage in Transmission Licensee's					
4	network				ļ	
5	Due to outage in own network		-	z		
	Due to outage in the network of some other			·		
6	Distribution Licensee			<u> </u>	ļ	
 -	Due to transmission constraints in			ļ		
7	Transmission Licensee's network					
8	To avoid overloading in own network				ļ	
9	To avoid overloading in the network of					
9	some other Distribution Licensee					
10	Any other reason				 	
	Total for Previous Year	41 1 1		<u> </u>		
Curr	ent Year (for period for which actual data is a	vailable)	1 4	T	T	
1	On SLDC's instructions (to control drawal)	· .				
	On SLDC's instructions (to avoid		1			
2	overloading in Transmission Licensee's					
	network)			ļ	<u> </u>	
-	On SLDC's instructions (due to low voltage				1.7	
3	in DPCL network)			<u> </u>		
4	Due to outage in Transmission Licensee's		F,			
4	network	<u> </u>		<u> </u>		<u> </u>
5	Due to outage in own network			 	<u> </u>	
6	Due to outage in the network of some other	·		'		1
	Distribution Licensee .	<u> </u>		 	. 	 -
7	Due to transmission constraints in		· '			
	Transmission Licensee's network				 	 -
8	To avoid overloading in own network	 		 		
9	To avoid overloading in the network of	}		÷	1	
9	some other Distribution Licensee	ļ <u>-</u>	- 	<u> </u>	-	
10	Any other reason	<u> </u>				
	Total for Current Year					L

The statement to be furnished for the preceding year and period of actual available data for the current year.

Severe voltage fluctuations as well as rotating weekly offs should not be considered as load shedding.

The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvement.

arne of Disstibution Licensee	1 icersed Area of Supply
Varrie	SOUTON!

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rappe.	
cerisec Arca or Dupper	rm: F-18.5

	One-loaded Feeders									K	Year		
	Overloaded									ל ו	Current real	190	9/ Jonath of
				å:	Previous Year			-	line		Line length	-	% length or
22 2	Area	No. of Feeders	Line length (ckt.	No. of feeders overloaded	Line length overloaded feeders (ckt.	% number of Overloaded Feeders in	% length of overloaded feeders in Area	No. of Feeders		No. of feeders overloaded	overloaded feeders (ckt. km)	Overloaded Feeders in Area	overloaded feeders in Area
<u> </u>			Km)		km)	Area							
<u> -</u>	Circle 1								 -				
4.4	. A 66 kV	1							-		,		
	District 1		1										
	District 2								+				
l	District 3				-				1				
,	Sub-Total Circle 66 kV				-								
lt.	-т									*		,	
Ţ				1									ļ
	District 2											 -	
L	Capital a		-									1	
1	C.t. Total Civile 33 kV										+		
	_												
	District 1		_										
	District 2	-	 -					-					
L	District 3	+	-		 								
<u></u>	Sub-Total Circle 11 kV							1	1				
1,-	T Circle 2		1		\ 								
Ί.	-1		-		 -	١.		1				-	,
1			1		-			\ -\					
T	Pistrict 2		- 						1				
1	Dielita		1		 -	 		_	-				
L	C.i. Total Circle 66 kV		-								-	 -	
<u></u>	B 33 VV		-										
L			1			-			-		-		
<u> </u>	District 2		1		-	,		-	-				
1_	District 3		1						-				
ــــــــــــــــــــــــــــــــــــــ	Sub-Total Circle 33 kV		-		 			-	-				
۲.			-						1				
مــــــــــــــــــــــــــــــــــــــ			-					1	-				
ل_	District 2		+		1				- -+				
_	E tilis		-										
	Sub-Total Circle 11 kV		+						-	-			
][Potal for all Circles at 66 kV		+						-				
שני	Total for all Circles at 33 kV		+					_					
157	Total for all Circles at 11 kV						<u>-</u>						

An equipment should be considered as overloaded only if it is carrying more than 110% of rated load for average 1 hour per day.

The information to be provided for the presions year and the actual period of the current year. The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvenient.

Name of Distribution Licensee Licensed Area of Supply

Form: F-18.6

L

			<u>,</u>				·····		,, 				 	 -			
Actual)	No. of Total Duration of failures failure (Hrs.)							-					ř				
Current Year (Actual)													 				
Cun	No. of Transformers			·													
	Total Duration of	ramare learning															
,	Preceding Year No. of To	ranures															
	Pro ov	Transformers	25	-				-						,		,	
Failure of Transtormers	Item		Transformation ratio	Transformation ratio 1	Transformation ratio 2	Transformation ratio 3	Transformation ratio 4	Average duration of interruption	Average duration of interruption per	transformer for Irailsion medical	13.50	Average duration of interruption per	Lausionnia rot	Average duration of interruption per	transformer for 11austorium.	Average duration of interruption per	transformer for management
Ŧ	SI.	o Z	L	1 T	2 T	3 T	4 T	7		സ <u>-</u>			0		<u> </u>		∞
			t	1	1	t .	1										

The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvement. Transformation ratios for Distribution Licensee are 66/33 kV, 66/11kV, 33/11kV and 11kV/400V.

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Name of Distribution Licensee Licensed Area of Supply

Form: F-18.7

Overloaded Distribution Transformers (DTRs)

				•		Current Vear	
S		AT. CTATES IN	No of woodlooded	% mimber of overloaded	No of DTRs in	No of overloaded	% number of
ģ	Area	No. of Diris in Area	DTRs in area	A municel of overroaded. DTRs	Area	DTRs in area	overloaded DTRs
-	Circle 1						
l	33 kV						
	District 1						
	District 2	2			•		
	District 3						
	Sub-Total Circle 33 kV						
	11 kV	•					
	District 1					,	
	District 2	•					
	District 3			-			
	Sub-Total Circle 11 kV						
Ħ	Circle 2				,		
1	33 kV						
	District 1						
	District 2		,			-	
	District 3						
	Sub-Total Circle 33 kV		٠, ۲				
m	11 kV			Α.			
	District 1						
	District 2			•			
	District 3	T					
	Sub-Total Circle 11 kV		A				
Total	Total for all Circles at 33 kV		`				
Tota	Total for all Circles at 11 kV						
ŀ							

An equipment should be considered as overloaded only if it is carrying more than 110% rated load for average 1 hour per day.

The information to be provided for the previous year and the actual period of the current year. The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvement.

Name of Distribution Licensee Licensed Area of Supply

Form: F-18.8

Ageing Schedule of Receivables

		(As on 30t	(As on 30th September of the current year)	r of the cur	rent year)		(Rs. Crores
			Recei	vables of I	Receivables of Licensee with age#	ith age#	
SI. No.	Receivables	9>	6 mths to	1 to 2	2 to 3	3 to 4 vears	>4 vears
		months	1 year	years	years	one a year	
	Circle 1	,					•
,	- Category 1	,					
	- Category 2	· ·					
	- Category 3						~
·····	- Category 4						
	- Category 5 etc.	, , , , ,					
. ***	Subtotal for the Circle					•	
	Circle 2					·	
,	- Category 1						
	- Category 2			`			
7	- Category 3						
	- Category 4				-	`	
•	- Category 5 etc.						
	Subtotal for the Circle						
Total							

The above statement is to be accompanied by a detailed note to outline the reasons thereof and measures taken/planned for improvement.

Format for Distribution

Name of Distribution Licensee Licensed Area of Supply

Form: F-18.9

Status of Metering

	- Control of the Cont					
zi S	Item	Category 1	Category 2	Category 3 etc.	Other Sales	Total
 	Previous Year			,		-
-	No. of metered consumers at the beginning of the previous year			•		
2	No. of unmetered consumers at the beginning of the previous vear					•
6	Total no. of consumers at the beginning of the previous year (1+2)	•		,	7	
4	No. of consumers with defective meters at the beginning of the previous year				·	
5	Consumers with defective meters as $\%$ of metered consumers at the beginning of the previous year $(4/1)$		-			
9	Unmetered consumers as % of total consumers at the beginning of the previous year (2/3)			-		
m	Current Year					
6.1	No. of metered consumers at the beginning of the current year				*	
5	No. of unmetered consumers at the beginning of the current year					
3	Total no. of consumers at the beginning of the current year $(1+2)$,		
4	No. of consumers with defective meters at the beginning of the current year					
5	Consumers with defective meters as $\%$ of metered consumers at the beginning of the current year $(4/1)$					
9	Unmetered consumers as % of total consumers at the beginning of the current year (2/3)					

Name of Distribution Licensee Licensed Area of Supply

Form: F-18.10

Release of Customer Bills

					(Lett. A)
		Previo	Previous year	רשובווו לכם (שיוחה)	(zweitam)
Š	Category	ills s of bil	No. of customer bills served after 30 days of billing period	No. of customer bills served No. of customer bills served No. of customer bills served after 30 days of billing period	No. of customer bills served after 30 days, of billing period
		period			
-	Category 1	***			
7	Category 2	Yer-			
က	3 Category 3				
4	Category 4				
ις.	Category 5				
9	Category 6				
7	Category 7 etc.				
	Total				
				•	

Name of Distribution Licensee Licensed Area of Supply

Form: F-18.11

Number of Pending Service Connection Applications

Previous Year (n-1)

S. No.	Category	Pending at the beginning of the period		No. of Applications Received	Associated Load (MW)	Associated Applications Associated Connections Associated Load (MW) released during Load (MW)	Associated Load (MW)	Pending at the end of the period	Associated Load (MW)
,				during period		NOTE OF			
Н	Category 1.	•							
2	Category 2							•	•
60	Category 3	,							
4	Category 4								
žΩ	Category 5	· ·							
٥	Category 6							,	
2	Category 7 etc.								
	Total								
⊊,	Current Year (n)					÷		•	
, S	Category	Pending at the Associated	Associated	No. of Applications	Associated	Applications Associated Connections Associated		Pending at the end of the	Associated Load (MW)

Associated Connections Associated renum at use I Load (MW) released during Load (MW) period period					No. of		No. of		Donding at the	
etc.	S. S.		Pending at the beginning of the period	Associated Load (MW)	Applications Received	Associated Load (MW)	Connections released during	Associated Load (MW)	end of the period	Associated Load (MW)
1 Category 1 2 Category 2 3 Category 3 4 Category 4 5 Category 5 6 Category 6 7 Category 7 etc. Total				1	nomina amino		NAME OF TAXABLE PARTY.		,	
2 Category 2 3 Category 3 4 Category 4 5 Category 5 6 Category 6 7 Category 7 etc.	Н	Category 1								
3 Category 3 4 Category 4 5 Category 5 6 Category 6 7 Category 7 etc. Total	2	Category 2	f							
4 Category 4 5 Category 5 6 Category 6 7 Category 7 etc. Total	er.	Category 3								
5 Category 5 6 Category 6 7 Category 7 etc.		Category 4								
6 Category 6 7 Category 7 etc.	r Lr	Category 5								
7 Category 7 etc.	9	Category 6								
Total		Category 7 etc.								
		Total								

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Format for Hydro

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2	Form: F-1.2	Summary of Revenue and Revenue Requirement
3	Form: F-2.1	Saleable Energy & PAF
4	Form: F-2.2	Information on Energy Generation (MU)
5	Form: F-2.3	Salient Features of Hydroelectric Project
6	Form: F- 3	Computation of Net Annual Fixed Charges
7	Form: F- 4	Statement of Gross Fixed Asset Base & Financing Plan
8	Form: F- 5.1	Statement of Asset wise Depreciation
9	Form: F- 5.2	Statement of Depreciation
10	Form: F- 6.1	Statement of Capital Expenditure
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12	Form: F- 6.3	Statement of Capital Expenditure & Schedule of COD of New
12	FOITH, F- 0.3	Projects
13	Form: F- 6.4	
14	Form: F- 6.5	Break-up of Capital cost for Hydro power generating station on
	1 01111.1 - 0.0	COD (For New Stations)
15	Form: F- 6.6	Break-up of Construction / Supply / Service packages on COD (For
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20	Form: F- 9.2	Actual Loans *
21	Form: F- 9.3	Calculation of Interest on Normative Loan
	Form: F- 10	Details of Interest on Working Capital
23	Form: F- 11	Details of Operation & Maintenance Expenses
24		Details of Repair & Maintenance Expenditure
25		Details of Employee Expenses
26	 	Details of Administration & General Expenses
27	<u> </u>	Non Tariff Income
28	Form: F- 13	
	FOID: F- 13	Summary of Truing Up

Format for Hydro

Name of Generating Company Name of Generating Station

Form: F-1.1

Computation of Per Unit Rate

Γ		Units	Previous Year (n-1)		Current Year	(E)	Ensuing Year (n+1)	Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+3)	Ensuing Year (n+3)
vi Ž	Item		(Actuals/Audited)	Apr-Sep (Actual)	Apr-Sep . Oct-Mar Total (April - (Actual) (Estimated) March)	Total (April - March)	Projected	Projected	Projected
	Annual Fixed Cost	Rs. Crore							
8	Saleable Energy (Design Energy net of auxiliary consuption and home state share)	MU		2 7.			·		
8	Per unit Rate of Saleable Energy	Rs./unit				9			

Note: n= FY 2012-13

Form: F-1.2

Summary of Revenue and Revenue Requirement

						(Figur	(Figures in Rs Crore)	
ď		Previous Year (n-1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
Š.	Item	(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
Ą.	Generation							
-	Gross Generation (MU)						,,	
2	Aux Consumption (%)							
၈	Aux Consumption (MU)						•	
4	Net Generation (MU) (1-3),							
	in the state of th		-					
œ	Revenue							
Ψ-	Revenue from Sale of Power							
7	Non-Tariff Income							
	Total Revenue (1+2)							,
ပ	Expenditure							
-	O&M expenses	ř						
w	R&M Expense					•		
۵	Employee Expenses							
ပ	A&G Expense							
7	Depreciation							
က	Lease Charges							
4	Interest on Loans				3			
2	Interest on Working Capital							
	Total Expenditure (1+2+3+4+5)							
نم	Return on Equity					~		
ı								
<u>"</u>	Revenue Requirement (C+D			;	-			
	13 d/ 1/2/ - 13/ (1/ - 13 - 13							
	Surpius (+) / Snordall (-) (B-E)							

Note: n= FY 2012-13

Name of Generating Company
Name of Generating Station
Form: F-2.1
Saleable Energy & PAF

22			Previous Year (n-1)		Current Year (n)	. (n)	Ensuing Year (n+1)	Ensuing Year (ear (n+1) (n+2)	Ensuing Year (n+3)
ż	Describation		(Actuals/Audit Apr-Sep Oct-Mar Total (April - ed) (Actual) (Estimated) March)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
			-						
۳-	Design Energy	(MU)							
2	Auxiliary Consumption								
	(a) In % of Energy Generated	(%)							
	∩W ul (d)	(MU)							
က	Energy Sent Out (1-2b)	(MU)	* **						
4	Home State Share	(%)	- 740						7
5	Saleable Energy {(3)x[1-(4)]}	(MU)							
9	Plant Availability Factor	%							

-

Form: F-2.2 Information on Energy Generation (MU)

	4							
SI.No.	Month	Design	Previous Year (n-1)		ar (n)	Ensuing Year (n+1)	Current Year (n) Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+3)	Ensuing Year (n+3)
		Energy	(Actuals/Audited)	Apr-Sep Oct-Mar	≭-Mar	Projected	Projected	Desirented
-	April			ובפוו	il lated		mana	r i ojecijen
7	May				+			•
က	June							
4	July			:	1			
2	August		7					
9	September							
7	October				+			
8	November							
6	December							
10	January				+			
	February				+			-
12	March				1			
				_	_			

Formal for Hydro

Form: F-2.3 Salient Features of Hydroelectric Project

SIN	0.4.2	<u> </u>
	Domina	
1	Installed Capacity (MW) (a) Unit-1	
	(b) Unit-2	<u> </u>
	(c) Unit-3	
	(d) Unit-4 etc.	
2	Date of commercial operation (DD/MM/YYYY)	
	(a) Unit-1	
	(b) Unit-2	
	(c) Unit-3 (d) Unit-4 etc.	
3	Type of Station	
_ <u>_</u> _	a) Surface / Underground	
	b) Purely RoR/Pondage/Storage	
	c) Peaking/ Non-Peaking /	
	d) No. of Hours of Peaking	
4	Type of excitation a) Rotating exciters on generator	O/ac(Na)
		(Yes/No) (Yes/No)
5	Location	(165/10)
	State/Distt.	
	River	
6	Diversion Tunnel	
	Size, shape	· ###_25
7	Length Dam	
	Туре	1
	Maximum dam height	
8	Spillway	
	Type	
9	Crest level of spillway	
	Full Reservior Level (FRL)	
	Minimum Draw Down Level (MDDL)	
	Live storage (MCM)	
10	Desifting Arrangement ·	, , , , , , , , , , , , , , , , , , , ,
	Type	·
	Number and Size Particle size to be removed(mm)	
11	Head Race Tunnel	,
	Size and type	
	Length	
40	Design discharge(Cumecs)	
12	Surge Shaft Type	
-	Diameter I	
	Diameter Height	
13	Height Penstock/Pressure shafts	i i
.13	Height Penstock/Pressure shafts Type	
	Height Penstock/Pressure shafts Type Diameter & Length	
	Height Penstock/Pressure shafts Type Diameter & Length Power House	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW)	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M)	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs)	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M)	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs)	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at MDDL	
	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at MDDL Tail Race Tunnel	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at MDDL Tail Race Tunnel Diameter, shape	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at MDDL Tail Race Tunnel Diameter, shape Length	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at FRL Tail Race Tunnel Diameter, shape Length Minimum tail water level	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at FRL MW Capability at MDDL Tail Race Tunnel Diameter, shape Length Minimum tail water level Switchyard	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at MDDL Tail Race Tunnel Diameter, shape Length Minimum tail water level Switchyard Type of Switch gear No. of generator bays	
14	Height Penstock/Pressure shafts Type Diameter & Length Power House Type Installed capacity (No of units x MW) Peaking capacity during lean period (MW) Type of turbine Rated Head(M) Rated Discharge(Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at FRL MW Capability at MDDL Tail Race Tunnel Diameter, shape Length Minimum tail water level Switchyard Type of Switch gear	

Note: Specify limitation on generation during specific time period on account of restriction(s) on water use due to irrigation, drinking water, industrial, environmental considerations etc.

Form: F- 3 Computation of Net Annual Fixed Charges

							angi-	(Figures in Rs Crore)
N.	Academic Month	Previous Year (n-1)		Current Year (n)		fear	Ensuing	Ensuing
ó	ואמן פוותנוול ואומיניו					(1±1)	Year (n+2)	Year (n+3)
		(Actuals/Audited)	Apr-Sep (Actual)	Apr-Sep (Actual) Oct-Mar (Estimated) Total (April - March)	Total (April - March)	Projected	Projected	Projected
	Interest on Loan (Including Interest on Normative Loans)							
7	Depreciation							
ო	Lease Charges							
4	Return on Equity							
	(a) Rate of Return on Equity							
	(b) Equity					,		
	(c) Return on Equity (4a)*(4b)							
2	O&M Expenses					-		
	5.1 Employee Costs					-		
	5.2 Repair and Maint. Expenses							
	5.3 Admin & Gen Costs							-
9	Interest on Working Capital	r						
7	Gross Annual Fixed Charges (1+2+3+4(c)+5+6)							
œ	Less; Other Income (provide details)							
თ	9 Net Annual Fixed Charges (7-8)		•					

Form: F-4 Statement of Gross Fixed Asset Base & Financing Plan

Final Approved Cost as on Commercial Operations Date		
	Capital Expenditure	Date of commercial operation
(a) Unit-1		(DD/MM/YY)
(b) Unit-2		(DD/MIM/YY)
(c) Unit-3		(DD/MM/YY)
(c) Unit-4		(DD/MIM/YY)
(c) Unit-5 etc.*		COMMISSION

Original Financing Pian (Unitwise)	
Rupee Term Loan	
Debt :	
Debt 2*	
Foreign Currency Loan	
Debt 1	
Debt 2 *	
Equity	
(In Rupees	
In Foreign Currency	

Previous year (n-1)		*		(Figures in Re
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing bala
a) Land				
b) Building				
c) and so on (As per categorisation given in the Regulations)				
ODB				

Details of Gross Fixed Assets Current Year (n)	F .					
		Additions of assets during the year	uring the year	Doding and of or		(Figures in Rs Crore)
: Particulars of Assets	Onening Balance		100 200 51111	TROI CHIEFIT OF RESERVE DITUIL THE YEAR	S during the year	
	מאפונים השומים	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Apr-Sep (Actual) Oct-Mar (Estimated)	Closing balance
· a) Land					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
b) Bullding						
		-				-
c) and so on (As per categorisation given in the Regulations)						
				_		
lorai						
				-		

Name of Generating Station

Form: F. 4 Statement of Gross Fixed Asset Base & Financing Plan

Ensuing Vest (n +1)			Ì	
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year*	Closing balance
a) Land				
b) Building				
c) and so on (As per categorisation given in the Regulations)				
			•	
Total			,	
				•
Ensuing year (n +2)		-	ı	(Figures in Rs Crore)
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance
	•			
a) Land		:		
b) Building				
c) and so on (As per categorisation given in the Regulations)				
Total				
Frauthor year (n +3)			,	(Figures in Rs Crore)
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year"	Closing balance
a) Land				
b) Building (
c) and so on (As per categorisation given in the Regulations)				
	ű.			
Total	•			

* Please provide Actual / Proposed Dates of Addition and Retirement of Fixed Assets during the year

Name of Generating Company
Name of Generating Station
Form: F- 6.1
Statement of Asset wise Depreciation

					(Figures in Rs Crore)	٠	
Previous year (n-1) Particulars of Assets	Rate of Depreciation in %	Rate of Depreciation Accumulated Depreciation at the in % beginning of the year	Depreciation provided for the year	Withdrawls during the year	Balance of accumulated depreciation at the end of the year	· ·	
a) Land			•			,	
 b) Building c) and so on (As per categorisation given in the Regulations) 							
Total		€ squ.					(Figures in Rs Crore)
Current Year (n)			Depreciation provided for the year	ided for the year	Withdrawis during the year	uring the year	Balance of accumulate
Particulars of Assets		Kals of Depreciation Accumulated Copy was in % beginning the year	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	year
b) Building							
c) and so on (As per categorisation given in the Regulations)							
Total							
					(Figures in Rs Crore)	ſ	
Ensuing year (n +1)			Depreciation		Balance of		

Ensuing year (n +1) Particulars of Assets Rate of Depreciation Accumulated Depreciation at the provided for the year in % beginning of the year year a) Land b) Building c) and so on (As per categorisation given in the Regulations)			-			Figures In RS Crore)
a) Land b) Building c) and so on (As per categorisation given in the Regulations)	Ensuing Year (n * 1) Particulars of Assets	Rate of Depreciation in %	Accumulated Depreciation at the beginning of the year	Depreciation provided for the year	Withdraw! rring the y	Balance of accumulated depreciation at the end of the year
B) Land D) Building c) and so on (As per categorisation given in the Regulations)						
b) Building c) and so on (As per categorisation given in the Regulations)	a) (and					
c) and so on (As per categorisation given in the Regulations)	A) Distriction					
C) and so on (As par caregiver area of the caregiver area.	(spointing of the Contraction of					
	C) BUG SO OF (AS DE CRISCHE INTERIOR DE SAN FOR OR DIR ()	-				

Name of Generating Station
Form: F- 5.1
Statement of Asset wise Depreciation
Ensuing year (n +2)

Ensuing year (n +2)					(Figures in KS Crose)	
Particulars of Assets	Rate of Depreciation in %	Rate of Depreciation Accumulated Depreciation at the in %	Depreciation provided for the year	Withdrawis during the year	Balance of accumulated depreciation at the end of the year	
Post (e						
N. Bulblion						
c) and so on (As per categorisation given in the Regulations)		-				
Total					,	
Ensuing veer (n +3)					(Figures in Rs Crore)	
	Rate of Depreciation	Rate of Depreciation Accumulated Depreciation at the	Depreciation	Withdrawle	Balance of accumulated	
Particulars of Assets	% =	beginning of the year		during the year	depreciation at the end of the year	
a) Land						
b) Building						
c) and so on (As per categorisation given in the Regulations)						
		4				
Total						
eto.						

Name of Generating Company Name of Generating Station

Statement of Depreciation												F	7			
Financial Year	Upto 2000-01 2001- 2002- 2003- 2004- 2005-	2001-	2002-	2003-	2004-	2005- 06	2006-07 2007- 2008- 2009- 2010- 2011- 2012- 2013-14 2014- 2014- 2015- 08 09 10 11 12 13 13 2013-14 15 16	2007-	2008-	2009- 10	2010-	12 12	2012- 13	2013-14	2014- 15	16
											;	<u> </u>				
Continue on Capital Cost														,		
Additional Capitalisation	,															
Depreciation of Auditorial Capitalisation																
Amount of Authorial Capital Ca											\					
Depredation Aironii				.												
NO32 3- 11-1-14	784															
Detail of FERV																
AMOUNT OF PERV OIL WINGS LESS COMES															_	
Depredation Amount																
Commence of the control of the Vest														\ •		
Deplecation recovered diring the year															_	
Advance against Deprecation recovered		<u></u>						•								
Capital the vest															_	
Cummulative Depreciation and Advance against				<u> </u>	<u></u>		,		,							
Cummulative Depreciation and Advance against									1					7		

Form: F- 6.1 Statement of Capital Expenditure

			s,									
		Previous Year (n-1)		Current Year (n)			Ensuing Year (n+1)	Ensuing Year Ensuing Year (n+2)	Ensuing Year (n+3)	Total Expenditure	Total Expenditure	Remarks++
Particulars	FY of COD	Actual / Audited	Apr-Sep (Actual)	Oct-Mer (Estimated)	Total (April - March)	Remarks+	Projected	Projected	Projected	Competent Authority		
11.00												
A) expenditive treumis												
20 Land												
A Marior Chall Months								,				
O Diese & Manhings												
C THE CONTRACTOR												
D. VORKARS												
A) Office Engineer 8. Others										,		
Total (A)												
2) Reads up of sourcest of financing												
Privat farm nan			•	22								
704				~								
Dest												•
Foreign Currency Loan												
Dett.												
Dept 2												
					Í							
Equity												
In Rupees												
In Foreign Currency												
c) Others (Please specify)												
Total (B)												

). The breek up wherever required and necessary may be given in respect of Loens and Equity financing supported with respective documentation. Note:

i) Capies of Approval from competent authorities may be furnished in respect of cost of project, its components and scheme of finance.

ii) Raments + Explain for the causes of deviation if the extual expenditure cluning the cument year is expected to be different from that exproved by UERC or other authorised egencies

iv) Remarks++: Explain for the ceuses of deviation if the total actual expenditure is different from that approved by UERC or the authoridaed agencies

Name of Generating Company Name of Generating Station

	Form: F-6.2 statement of Capital Works-in-Progress	· \$\$							
	סושוכוווניון כו כדליים					Ensuing Year	Ensuing Year	딦	
		Previous Year (n		Current Year (n)	~-	(n+1)	(n+2)	(0+3)	Remarks
		()			Total (Ameli			Deviorfed	
ž	Particulars	Actual / Audited	Apr-Sep	Oct-Mar	March)	Projected	Projected	nanafatt	
ب	-		(Actual)	(Estilliated)					
							,		
-	Opening balance of CWIP								
-	Control of the second of the s							_	1
•	2 Add: New Investment								
ļ	Carried Proposition								
	Capital Expellollule		L						
	Evnenses Capitalised								
	total Constitution							,	
	Interest During Consultation								_
m	3 Less: Investment Capitalised								
ŀ	Clasing balance of CWIP								
đ									•

· · · · · · · · · · · · · · · · · · ·	.		Format for Hydro
OD of New Projects		·	
-		، و	
ates		·	
		· · · · · · · · · · · · · · · · · · ·	
	Present Day Cost (As onDate)	As approved by Competent Authority	
t estimates	<u>L'</u>	<u> </u>	· ·
	Amount	Evchange Rate	Amount (Rs. Crore)
	Alloune	LXUITETINGO TOZA	, 11,00,00,00,00
	 		
 			
	· · ·	· · · · · · · · · · · · · · · · · · ·	
		<u> </u>	
h		A C	
			
G=(a+0)		<u>,I , , ,,,</u>	<u> </u>
			,
_	DD of New Projects ates t estimates a b c=(a+b)	Present Day Cost (As onDate) t estimates Amount	Present Day Cost (As approved by Competent Authority t estimates Amount Exchange Rate

i) Copy of Approval to be enclosed

Form: F- 6.4 Bresk-up of Capital Expenditure for New Projects Name of the Power Station:
Name of Agency approving the Project Cost Estimates
Name of Agency approving the Project Cost Estimates

Date of Approval of Capital Cost Estimate	•				•				(Eloume in Rs Crofs)	rore)	
		•									
	Total Expenditure	Previous year (n-1)	Current Year (n)	Year (n)	Total Expenditure	Total Expenditure supposed to be incured till current year	Difference	Remarks+	Remarks+ Ensuing Year Ensuing Year Ensuing Year (n+2) (n+3)	Ensuing Year (n+2)	Enskuing Y (n+3)
Particulars	Competent Authority Expenditure Actua	Expenditure Actually	Apr-Sep	Oct-Mar ² (Estimated)	Current Year	as per the approved plan	column 6 and 7	,	ç	÷	5
		Historian 3	7	9	8		×	•			
	-										
A) Expenditure Details								,		3	
a) Land								Ī			
b) Building											
A Major Chal Works											
A Olent & Machinery											
- Nebbelea			*								
C) VOINTAGE			•								
Settle attended to the settle of the settle											
g) Omce Equation is ourse											
Otal (A)			•								
Break up of sources of financing											
a) Logna/ Borrowings									1		
b) Facility											
c) Others (Please specify)											
	_										

Note: ii) Remark+: Explain for the reasons for difference between 6 and 7.

Form: F- 6.5 Break-up of Capital cost for Hydro power generating station on COD (For New Stations)

						(Figures in Rs Crore)	Ore)
S, S,	Head of works	Original cost as approved by Authority	Actual Cost	Additional Capitalisation till	Total Completed Capital Cost	Variation	Reasons for variation
-	2	33	P	CUT-OTT DATE	3+4-3	1	
-	Infraetmenture Works	>	-	2	C+4 = 0 .	(=3-6	χ,
-	Preliminary including Development						
12	Land						
<u>-</u>	Buildings						
4.1	Township		,				
1.5	Maintenance	•					
1.6	Tools & Plants						
7.1	Communication						
1.8	Environment & Ecology						
1.9	Losses on stock	¥4					
1.10	Receipt & Recoveries						
1.11	Total (Infrastructure works)						
2.0	Major Civil Works	•					
2.1	Dam, Intake & Desitting Chambers						
2.2	HRT, TRT, Surge Shaft & Pressure shafts						
2.3	Power Plant civil works					1	
2.4	Other civil works (to be specified)						
2.5	Total (Major Civil Works)						
3.0	Hydro Mechanical equipments						
4.0	Plant & Equipment						
4.	Initial spares of Plant & Equipment						
4.2	Total (Plant & Equipment)						
6.0	Taxes and Duties						
5.1	Custom Duty						
5.2	Other taxes & Duties						
5.3	Total Taxes & Duffes						
6.0	Construction & Pre-commissioning expenses						
6.1	Erection, testing & commissioning						
8.2	Construction Insurance						
6.3	Site supervision						, , ,
6.4	Total (Const. & Pre-commissioning)						
7.0	Overheads						
7.1	Establishment						
7.2	Design & Engineering		,				
7.3	Audit & Accounts						
7.4	Contingency						
7.5	Rehabilitation & Resettlement						matrice and a second
7.6	Total (Overheads)						+
8.0	Capital Cost without IDC & FC						
9.0	Financing charges (FC)						
100	Interest during construction (IDC)						
11.0	Capital Cost with IDC & FC						
Note:				-			

Note:
1. In case of time and cost over-run of the project, a detailed write-up giving justification for such time and cost over run should be submitted, clearly bringing out the agency responsible and whether such time and cost over run was beyond the control of the generating company

Form: F. 6.6 Break-up of Construction / Supply / Service packages on COD (For New Stations)

ure till the up to COD tien(Rs.Cr.)														
Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	(11)													
No. of bids Date of Date of Date of Start of Completion Award ⁱ n Escalation in received Award work of Work (Rs. Cr.) prices	(10)					,			,	•				
Value of Award¹in (Rs. Cr.)	6													_
Date of Completion of Work	(8)			L			,							_
Date of Start of work	8				+			-			+	_		_
Date of Award	(9)										4	_		_
	(3)	2												
Whether awarded through ICB/DCB/ Depatmentally/	(4)	(+)									1	34		
Scope of works (in line with head of cost break-		(9)												
Si.No. Name/No. of Construction / Supply Si.No. / Service Package		۲ (2)												
Si.No.	, , ,	3		•										

if there is any package, which need to be shown in Indian Rupee and foreign currency(ies), the same should be shown separatly alongwith the currency, the exchange rate and the date.

Form: F- 6.7 Draw Down Schedule for Calculation of IDC & Financing Charges

Draw Down Quarter 1 Quarter 2 Draw Down Quartum in Exchange Amount in Quartum in Exchange Amount in Quartum in Foreign Exchange Amount in Quartum in Poreign Exchange Amount in Quartum in Quartum in Foreign Exchange Amount in Quartum in Quartum in Poreign Exchange Amount in Quartum in Quartum in Quartum in Foreign Exchange Amount in Quartum in Quartum in Quartum in Foreign Exchange Amount in Quartum in Quartu	Draw Down						•		i	(Figures in Rs Crore)	9	
Draw Down Draw Down Particulars Particular P	Draw Down Quantum in Exchange Amount in Quantum in Foreign Exchange Amount in Quantum in Guantum in Foreign Exchange Currency Down Date Currency				Ouarter 1			Quarter 2		'no	arter n (COD)	
Continuation Cont	Foreign Lears Foreign Lears Foreign Lears Foreign Lear Diraw Down Amount IDC Financing Charges FERV FIRM FOREIGN Cost Foreign Lear I Draw Down Amount IDC Financing Charges FERV Hedging Cost	2		Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date			Exchange Rate on Draw Down Date	Amount in Indian Rupee
Consign Loans Consign Loans Consign Loan Amount DC	Foreign Leans Foreign Leans Foreign Lean Draw Down Amount Financing Charges	,	order i		27 mg							
Foreign Loan 1	Foreign Loan 1	- -	Loans Comion Loans									
Foreign Loan 1 Draw Down Amount Draw Down	Foreign Loan 1 Draw Down Amount Draw Down Amount Enror Ferror Ferror Foreign Loan 1 Draw Down Amount Francing Charges FERV Hedging Cost Fresign Loan 0 From Amount From Cost Ferror From Cost Ferror From Cost Ferror Ferror From Cost Ferror Ferror From Cost Ferror Ferr		LOUBIN FORIS	 								
Diaw Down Amount	Digary Down Amount	-			·							
Diction Dict	Financing Charges Financing Charges Financing Charges Financing Cost Financing Cost Financing Charges Financing	-	_									
Financing Charges FERV Hedging Cost Foreign Loan 1 Draw Down Amount Financing Charges FERV Hedging Cost Foreign Loan n ID Town Down Amount Firancing Charges Financing Charges Financing Charges Financing Charges Financing Charges Financing Charges Financing Charges	Financing Charges Financing Charges FERV FERV Hedging Cost Foreign Loan 1 Foreign Loan 1 Foreign Loan 1 IDC Financing Charges Financing Charges Financing Charges		OG								,	
FERV Hedging Cost Foreign Loan 1 Draw Down Amount Discussion Loan 1 Financing Charges Financing Charges Ferry Foreign Loan n Draw Down Amount IDC Financing Charges Ferry Hedging Cost Hedging Cost Financing Charges Ferry Ferry Ferry Financing Charges Firm Cost Firm Cost Ferry Ferry Ferry Hedging Cost Ferry Ferry Ferry Hedging Cost	FERV Hedging Cost		Financing Charges									
Hedging Cost Foreign Loan 1 Draw Down Amount IDC Financing Charges Financing Charges Foreign Loan n Draw Down Amount IDC Firancing Charges Firancing Charges Firancing Charges Total Foreign Loans Total Foreign Loans Total Foreign Loans Total Foreign Loans Firancing Charges Financing Charges Firancing Charges Firancing Charges FERN Hedging Cost	Hedging Cost Foreign Loan 1 Draw Down Amount Draw Down Amount IDC Financing Charges Financing Charges Foreign Loan Foreign Loan Financing Charges Figer Financing Charges Financing Charges		FERV									
Foreign Loan 1 Draw Down Amount Draw Dow	Foreign Loan 1 Draw Down Amount Draw Down Amount IDC Financing Charges FERV Hedging Cost Financing Charges FERV Hedging Cost Financing Charges FERV Hedging Cost Financing Charges FERV Hedging Cost Financing Charges FERV Financing Charges FERV Hedging Cost Financing Charges FERV Hedging Cost		Hedaina Cost									
Foreign Loan I Draw Down Amount Financing Charges FERV Fersy Fers	Foreign Loan Draw Down Amount Draw Down Amount Financing Charges Finan											
Draw Down Amount Draw Down Amount Draw Down Amount	Draw Down Amount Draw Down Amount Draw Down Amount	7										
DC Financing Charges Financing Charges Financing Charges Financing Charges Financing Charges Foreign Loan a Foreign Loan s Foreign Loans Foreign Loans Foreign Loans Foreign Loans Foreign Loans Foreign Loans Financing Charges Financing	Financing Charges Financing Charges Financing Charges Ferror Foreign Loan n Foreign Loan n Foreign Loans Ferror Foreign Loans Ferror F		Draw Down Amount						-			
Financing Charges Financing Charges FERV FERV Hedging Cost Foreign Loan n Foreign Loan n Foreign Loan n IDC Financing Charges Financing Charges Financing Charges Total Foreign Loans Financing Charges Financing Charges Financing Charges Financing Charges Fire Fix Financing Charges Fire Fix	Financing Charges Financing Charges FERV FERV Hedging Cost Foreign Loan n Foreign Loan n Foreign Loan n IDC Financing Charges FERV FERV Hedging Cost Foreign Loans Draw Down Amount FERV Financing Charges FERV Hedging Cost FERV Hedging Cost FERV		IDC									
FERV Hedging Cost	FERV Hedging Cost		Financing Charges									
Hedging Cost Foreign Loan n Draw Down Amount IDC Financing Charges FERV Hedging Cost Total Foreign Loans Draw Down Amount IDC Financing Charges Financing Charges Financing Charges Hedging Cost Hedging Cost	Hedging Cost Foreign Loan n Draw Down Amount IDC Financing Charges Financing Charges Financing Charges Draw Down Amount IDC Financing Charges Financing Charges FigRV Hedging Cost		FERV			1						
Foreign Loan n Draw Down Amount Draw Down Amount Financing Charges Financing Charges Financing Cost Total Foreign Loans Draw Down Amount IDC Financing Charges Financing Charges FERV Hedging Cost Hedging Cost	Foreign Loan n Draw Down Amount Draw Down Amount Financing Charges FERV Hedging Cost Total Foreign Loans Draw Down Amount IDC Financing Charges FERV Hedging Cost Hedging Cost		Hedging Cost									
Foreign Loan II Draw Down Amount Financing Charges FERV Hedging Cost Total Foreign Loans Draw Down Amount IDC Financing Charges Financing Charges FERV FERV Hedging Cost	Foreign Loan in Draw Down Amount Figure Charges FERV Hedging Cost Total Foreign Loans Draw Down Amount IDC Financing Charges Financing Charges FERV Hedging Cost	П										
Draw Down Amount IDC	Draw Down Amount IDC	긤			¥ ·							
IDC	IDC		Draw Down Amount				3 ()					
Financing Charges Financing Charges FERV FERV Hedging Cost Cost Total Foreign Loans Draw Down Amount IDC Financing Charges FigRy FERV Hedging Cost FERV	Financing Charges Financing Charges FERV FERV Hedging Cost Ferror Total Foreign Loans Financing Charges Financing Charges FERV FERV FERV Hedging Cost Ferror		inc			-						
FERV Hedging Cost Total Foreign Loans Draw Down Amount Draw	FERV Hedging Cost Hedging Cost Total Foreign Loans Draw Down Amount Draw Down Amount Financing Charges Figs Fi		Financing Charges		1							
Hedging Cost Total Foreign Loans Draw Down Amount IDC Financing Charges FERV Hedging Cost	Hedging Cost Total Foreign Loans Total Foreign Loans Draw Down Amount IDC Financing Charges FERV Hedging Cost		FERV			-						
Total Foreign Loans Draw Down Amount Draw Down Amount Financing Charges FERV Hedging Cost	Total Foreign Loans Draw Down Amount IDC Financing Charges FERV Hedging Cost		Hedging Cost									
Total Foreign Loads Draw Down Amount IDC Financing Charges FERV Hedging Cost	Total Foreign Loads Draw Down Amount IDC Financing Charges FERV Hedging Cost		П									
		=	٦								-	_
			Draw Down Amount									
			IDC	+								
			Financing Charges									+
Hedging Cost	Hedging Cost		FERV	-		+				/		-
			Hedaina Cost	-		-						

SI. No.	. Draw Down		Quarter 1			Quarter 2		mo	Quarter n (COD)	, .
	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Amount in Quantum in Foreign Indian Rupee	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee
1.2	Indian Loans									
101	Indian Loon 4								-	
	_									
	IDC									
	Financing Charges									
			,							
1.2.2	1.2.2 Indian Loan 2									
	Draw Down Amount			u,						
	DC							,		
	Financing Charges								,	
			,							
12.	1.2.n Indian Loan n									
	Draw Down Amount									
	IDC								/	
	Financing Charges									
- 1										
1.2	Total Indian Loans					•				
	Draw Down Amount									
	IDC									
	Financing Charges			7						
	-									,
	Total of Loans Drawn									
	DC									
	Financing Charges									
	FERV			Ī						
	Hedging Cost			¥	2					
Ţ										
2	Equity									
2.1	Foreign Equity Drawn									
_1										
2.2	Indian Equity Drawn									
	Total Equips Deployed									
	ווסופו הלמול בילונים	T	3			7.				

Note: 1. Drawl of Debt and Equity shall be on pari passu basis quarter wise to meet the Commissioning schedule. Drawl of higher Equity in beginning is permissible.
2. Applicable Interest Rates including reset dates used for computation may be furnished separately.
3. In case of Multi Unit Project, details of Capitalisation ratio used to be furnished

Name of Generating Company Name of Generating Station

Form: F- 7
Details of Capital Cost and Financing Structure

		Previous Year (n-1)	,	. Current Year (n)	(n)	Ensuing Year (n+1)	Ensuing Ensuing Year (n+1) Year (n+2)	Ensuing Year (n+3)	
Year ending March	FY of COD	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep Oct-Mar Total (April - (Actual) (Estimated)	Projected	Projected Projected	Projected	Remarks
Basic Project Financial Parameters									
Capital Cost*	-							,	
Addition during the year	•	•	-						
Deletion during the year	-	,							
Gross Capital Cost (A)		rq ,					,		
Equity against Original Project Cost									
Addition during the year									
Equity Sub-Total (B)									
Debt outstanding against the original Capital cost									
New Loans added during the year									
Debt Sub-Total (C)									
Grants against original project cost					•				
Addition during the year									
(C) leto1-dus Sup-Total (D)									
Total Financing (B+C+D)									

Note:

i) *Approved or Actual Capital Cost whichever is less. ii) The equity and loan shall be divided into foregin and domestic component if applicable.

Name of Generating Company
Name of Generating Station
Form: F-8
Details of Financial Packages

		Evolution	tollon in the	Tome of	9790	Interest Date /	Guaranteo	Infrant Food	% of Total % of Total	% of Total	% %
Source of Funds	Amount in FC	Rate Cu	rrency	Repayment Period	Period	œ		Exposure Premium	Debt	Equity	Total PC
	(Name of Currency)	(RsJFC)		(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%)	(%)	(%
(A) Debt											
Foreign:											
Loan I											
Loan (1								,			
Loan III								<i>i</i>			
Loan IV etc.			ಚ್ಚ								
Indian:											
Loan				*,							
Loan II etc.											, ,
Total Loan (A)									-		
(B) Equity											
Foreign:						,			,		
Indian:				,							
Total Equity(B)											
(C) Gants				, ,							
Foreign:					-						
Indian:											
Total Grant (C)											
Total Financing (A+B+C)			-				•			-	
Total Project Cost											
21-4-4-4		-									

(i) In case of projects having achieved COD: Financial package details, as admitted by the Competent Authority on COD of the Project, shall be furnished in the Format alongwith supporting documents. Note:

(ii) FC- Foreign Currency (iii) PC- Project Cost

Form: F- 9.1 Statement of Outstanding Loans

Previous year (n-1)

Remarks Principal redeemed Principal Overdue at Principal Due at the during the year end Actual/ Auditted (9)=(4)+(5)-(6) Actual/ Auditted (8)=(6)-(7) Actual/ Auditted Actual/ Auditted Principal due during the year 9 Amount received during the year Actual/ Auditted 9 Balance at the beginning of the year Actual/ Auditted € Rate of Interest Repayment period (%) (Years) Actual/ Auditted **10** Actual/ Auditted (2) Loan Agency (Source of loan) A. Other than state government Loan 3 (Name of lender), etc. Loan 1 (Name of lender) Loan 2 (Name of lender) Sub-Total (A)
B. Government Loans C. Normative Loans TOTAL (A+B+C) Sub-Total (A+B) Sub-Total (B) Type 3 etc. Type 2 Type

Current Year (n)

Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount received during the year	Principal due during the year	Principal redeemed during the year	Principal redeemed Principal Overdue at Principal Due at the during the year the year end	Principal Due at the year end	Remarks
			Continuo	Ectimoted	Fatimated	Estimated	Estimated	. Estimated	
	Estimated	Estimated	Cattledion	201011111111111111111111111111111111111		(2)	(Z)=(B)=(Z)	(9)=(4)+(5)-(6)	6
(1)	(2)	<u> </u>	(4)	(c)	(0)		12/12/12		
						-		_	
A. Other than state government									
It nan 1 (Name of lender)								-	
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.		~							
				•		-			
Sub-lotal (A)									
B. Government Loans									
600									
34.5								3	
Type 2									
Type 3 etc.									
Cost thetal (D)									٠
Sub-local (a)									
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)			•						

			•						
Ensuing year (n+1)				Amount to be		Principal to be	Principal Overdue at Principal Due at the	Principal Due at the	-
Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	received during the year	during the year	redeemed during the year	the year end	year end	Remarks
			Casimotoci	Tetimated	Estimated	Estimated	Estimated	Estimated	
	Estimated	Estimated	ESUMBIEC	(5)	(9)	E	(8)≖(6)-(7)	(9)=(4)+(5)-(6)	(10)
(0)	(2)	(5)	(+)	2		•			
			*						
A. Other than state government									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)								-	
Loan 3 (Name of lender), etc.									
Sub-Total (A)									
A Constitution of the cons			য়						
E. Government Loairs									
Type 1									•
Type 2									
Type 3 etc.									
Sub-Total (B)									
Sub-Total (A+B)								Y	
Normation C	L								
TOTAL (ALBAC)				-					1.00
TOTAL (ATBTC)									
Ensuing year (n+2)									
				Amount to be	Drincinal dise	Principal to be	Principal Overdue at Principal Due at the	Principal Due at the	
Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the year	received during the	during the year	redeemed during the year	the year end	year end	Remarks
						Letimoted	Fedimeter	Estimated	,
	Estimated	Estimated	Estimated	Estimated	ESTIMBREG	Callinated (5)	(8)=(8)	(9)=(4)+(5)-(6)	(10)
(1)	(2)	(3)	(4)	(2)	(<u>a</u>)	7.7	7.161.161		
	-								
A. Other than state government									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									
Sub-Total (A)									
A Government Loans									
				-					,
1 pd.									
Type 2									
Type 3 etc.									
Sub-Total (B)					-				
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)				,					-

			1					_	
Loan Agency (Source of loan)	Rate of interest (%)	Rate of interest Repayment period (%)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at Principal Due at the the year end	Principal Due at the year end	Remarks
	- Continued	Retirenated	Retimated	Fstimated	Estimated	Estimated	Estimated	Estimated	
	Latinated	(3)	(4)	(5)	6	6	(8)=(9)-(3)	(9)=(4)+(5)-(6)	(10)
(1)	(5)	(2)		7,	7				
A Other than state government									
The state of the state of									
CORU 1 (IARDE O ROMON) L UROT		***************************************							
Loan 2 (Name of lender)					- Salary		,		
of a february of constant				:	-				
בספון כי (יאשוום כו ופיניסו), סני								33,	
Sub-Total (A)	1								
		•	***	,					
B. Government Loans									
Type 1	25.00.00								•
Type 2			•						
Chan a cha									
Type of each									
Sub-Total (B)									
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)									

Note: () In cese reschedulement of any loan has been undertaken, the tarms of reschedulement to be specified clearly, through an attachment alongwith copy of the letter from the Lender outlining the tarms of Re-scadulement. il) Any Loan not allocated to any Generating Station and not forming part of Appoved Financial Package, to be shown separately, with reasons thereof.

v) in case of Foreign Currency Loans, data to be provided in the currency of borrowing alongwith the name of the currency.

•

III) The original Financing Plan and the cumulative repayment as per the Original Financing Plan to be outlined for each Loan.

iv) For current yeer, Loens already drawn and the loan proposed to be drawn by end of year to be shown separately.

v) Any new loan from existing or new lenders to be identified separately as a Loan.

Form; F- 9.2 Calculation of Weighted Average Interest Rate of Interest on Actual Loans *

	Pro	(1) To (2)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
5.No.	rrevious rear (n-1)	Current rear (n)	Projected	Projected	Projected
Loan 1					
Gross Loan - Opening					
Cummulative payments of Loan upto Previous Year		•			
Net Loan - Opening					
Add: Drawi(s) during the year					
Less: Repayment(s) of Loan during the year			•		
Net Loan - Closing					
Average Net Loan					,
Rate of Interest on Loan on Annual Basis					
Interest on Loan					
Loan 2					-
Gmss I nan - Onening					
Cummidative navments of Loan upto Pravious Year					
Net Loan - Opening					
Add: Drawd's during the year					
less. Repayment(s) of loan during the year					
Net loso - Chains					
Augusto Not 5 per					
Date of Internation I can on Annual Bosis					-
Information 1 000					
HIGHEST OIL EVENT					
1 200 2			_		
Omen Chemina					
Close Loan - Opening					
Confirmative payillents of Loan upto Frewous Teal		- 1			,
Net Loan - Opening		,			
Add: Draw(s) during the year					
Less: Repayment(s) of Loan during the year					
Net Loan - Closing					
Average Net Loan					*
Rate of Interest on Loan on Annual Basis					
Interest on Loan					
The state of the s					
Total Loan			:		
Gross Loan - Opening			,		
Cummutative payments of Loan upto Previous Year					
Net Loan - Opening					,
Add: Drawf(s) during the year					
Less: Repayment(s) of Loan during the year					
Net Loan - Closing	•				
Average Net Loan					
Rate of Interest on Loan on Annual Basis					
Interest on Loan					
TARGET AND A STANDARD COMPANY OF INCHES AND A STANDARD COMPANY OF THE PERSON OF THE PE					

* In case of Fóreign Loans, the calculation in Indian Rupee is to be furnished. However, the calculation in Original currency is also to be furnished separately in the same format

Form: F- 9.3 Calculation of Interest on Normative Loan

		2			(Figures in Rs Crore)
	(F -)	(1)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
Particulars	Freedons rear (n-1) Current rear (n)	Current rear (n)	Projected	1 1	Projected
Gross Normative Loan - Opening					
Cummulative payments of Normative Loan upto Previous Year					•
Net Normative Loan - Opening				,	
Increase or Decrease during the year					
Less: Repayment of Normative Loan during the year					
Net Normative Loan - Closing					
Average Normative Loan	•				
Weighted Average Rate of Interest on Actual Loan on Annual Basis					
Interest on Normative Loan	_				,

ormat for Hydro

Name of Generating Company Name of Generating Station

Form: F- 10 Details of Interest on Working Capital

						1	(C, 1)	Canal Voor (nat.2)	
		Previous Year (n-1)	_	Current Year (n)		Ensuing Year (n+1)	Ensuing rear (n+z)	CHBOILE LOST (11.5)	Remarks
St.No.). Particulars	Actual / Audited	Aor-Sep (Actual)	Oct-Mar (Estimated)	(Actual) Oct-Mar (Estimated) Total (April - March)	Estimated Estimated	Estimated	Estimated	
	4,								
-	U & M BXDenses - I montiti								
2	Spares (15% of O&M Expenses)								
6	Decimalise 2 months		;						
'n	CONTRACTOR A LINE OF THE CONTRACTOR OF THE CONTR			,					
4	Total Working Capital (1+2+3)								
40	Normative interest Rate (%)			vz.					
4	Normative Interest on Working Capital			•					
,	(4 X 5)								

Form: F. 11 Details of Operation & Maintenance Expenses Name of Generating Company Name of Generating Station

	Details of Operation 8. Maintenance Expenses				,,	2		,			Ensuing Yes	Enaulng Year Enaulng Year Enaulng Year	Essening Year o	-
L		Previous Year (n-6)	Previous Year (n-6)	Previous Year Previous Year (n-5) (n-4)	(n-3)	(n-2)	Year (n-1)		Current Year (n)	÷	(1+4)	[Z+Z]	6	
oj Ž	Particulars	Actual / Audited	Actual / Audited	Actual / Audhad	Actual / Audited	Actual / Audited	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated	Estimated	Estimated	,
														Ţ
•	Repair and Matrianance Expenses											*	+	T
												1,		
	SUBCOLUMN CO.													
	Cital Walfe												1	
_	11 June Cubline Mat Wholes etc.													
	Wateries					4								T
1.	Combine and Eath ribe													
	Office Sculpment & Other Items					Ì								
	Consumedian of Chapte and Sparies			-										
Ŀ	- Related to Generator, turbines and				T -7						,			
	Accessoring				*					•				
	- Related to Audieny creatment		,		Ŋ,									
	- Related to Auditory Equipment &				•									
ك	Services for Power Station		-											
Ш	Such-Total													
	Ц			}								1		
â	Į													
	- kneunace													
	- Ren													
	- Electricity Cherges			•										
	- Travelling and conveyence													
	- 2010													
_	- Telephone, telex and postage													T
	- Advertibing													T
_	- Erdetteirment								,					
	- Corporate mont expenses													T
1	- Lace Experien													
	- Others (appears) emirrar to)													
1														
5	Ě													
	Courses Allerence													
1	Other Althouses													
	- Rorus													
L	Start welfers excerness													
	- Medical Allowances	-												
L	- Others Expenses (specify elements)													
	- Terminal Benefits													
Ш						,								
<u>-</u>														
1	CINCACAGE COCCURRENT													T
1	- NOOM BY THE BEING THE						_							Ī
1														
- -	Communication													
1	Company Company													
1	Tangar.													T
	- Others (specify elements)													T
L	Sub-Total													
L	Total O&M Expenses										-			
_	Less: O&M Expenses Capitalised				-			1			-			
ال	Net O&M Experised			-		T								
No	se 1 · (i) The propert of allocation of Corporate	expenses to generating s	tations should t	te specified								-		

House 1: (i) The process of efficiency of corporate expenses to generating stations should be specified (ii) The data should be certified by stationy auditors.

'cmpeny	Itation
mereting C	merating S
Name of G	Name of G

STATE OF REPAIR OF MARKETINGS EXPERIMENTS											1	Caracter Veer	7
			,	President Vent		Previous Year		Current Year (n)		Ensuiting Year	r traumo res	(C)	
•	Previous Year (n- Previous Year	Previous Year	Previous res	(FL)		(h-t)				fine i)	,		Remarks
3.No. Particulars	(Actuals /	(Actuals /	(Actuals /	(Actuals /	(Actuals ((Actuals /	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
	Audited)	Audited)	Audited)	Audita	(Carry)	Ì			2				
Plent and Machinery					,					•		+	
												+	T
1			·I	,									T
3 CM Wars													
Hydraulic Works													
c Lines, Cables Net Works atc.													
1												-	T
1													T
												1	T
6 Office Equipments													
Station Supplies, Stores and Consumeros													
A property of the second secon	-												
Related to Germanical, Mariantee and Assessment													•
. Releted to Auditory Electrical Equipment								•					7
- Related to Audilary Equipment & Services for	5				ļ								
Power Station			-										
11 Any other flerits													
43 Leave Cardiolication													
12 Labor. Communication 12 Labor.								•					

(Rs. Crore)

Castalla	Cartaite of Employed Expenses												Country Vater	
		Domicione Vest	Previous Year	Previous Year	Previous Year	Ĭ	Previous Year		Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+2)	(n+3)	Remarks
		(g-u)	(h-6)	Ĩ	(?u)	(y-y)	(1)							
S. 83	Particulars	(Actuals/	(Actuals/	(Actuals/	(Actuals/ Audited)	(Actuals/ Audited)	(Actuels/ Audited)	Apr-Sep (Actual)	Oct-Mar [Estimated]	Total (April - March)	Projected	Projected	Projecteo	
		Audited)	Audiceo								;		•	-
+-	Employee's Cost (Other Than Covered in 'C'&'D')													
\ \														
	Saleries													
7	Additional Pay / Destingto Addition													
•	Other Allowances & Relief													
4	Interim Relief / Wage Revision													
	Honorarium/Overtime			7										
p •	Startutory bonus' Ex-gratia													
	Sub Total													
	Other Costs													
6	Section Common Deimberseille			1										
-	1		 											
2	_													
P?				L		,							,	
4	ı		<u> </u>											}
•	Payment Under Workman's Compensation And Gratting													-
,	Employees													
e P	- 1									<u> </u>				
				<u> </u>										
8										ļ.				
	Sub Total	1											.]	
	Apprentice And Other Training Expenses		1											
, ,	Contribution To Terminal Benefits					· 				1			ļ.	
,	Provident Fund Contribution		-	-								-		
- -	2		-		 -					1				-
1					-									
						-							\ \ \ \	
+	Grand Total		-	1	+								-	
	Employee expenses capitalised									-		[
u	No. 6 Employee experience (E)-(F)				1									
O		-							•					

Ę	Details of number of employees	-									300	Energine Vaer	Ensuing Year	
		Previous Year (n-6)	Previous Year (n.6)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)		Current Year (n)		(u+1)	(n+2)	£	Remarks
ġ	Fram	(Actuals/Audite d)	(Actuals/Audite (Actuals/Audite (Actual	b/Audita d)	(Actualar/Audita d)	(Actualis/Audita (Actualis/Audita (Actualis/Audita d)	(Actuals/Audite d)	Apr-Sep (Actual)	Oct-Mar (Eatimated)	Total (April - March)	Projected	Projected	Projected	
\neg														
٦,	Orncer/Remarker Cadro										,			
	Technical													
	Administrative													
	Accounts and finance													
	Other (Please specify)				77									
Γ					-		,					ľ		
m	Sterif Cadra	-												
5	Technical													
-	Grade (
2	5.2 Grade II													
3	Grade III													
1	5.4 Grade IV													
				-										
-	Administrative	1												
5	8.1 Grade l			-										
3	Grade II													
2	6.3 Grade III											-		-
12	E.4 Grade IV	**	-	-						1				. •
1														
-	Accounts and finance		-							 -				
Ξ	7.1 Grade i			-		,								
77	7.2 Grade II													
2	7.3 Grade III	+		-									-	
7	7,4 Grade IV					 				1				
										+			•	
-	Others (please specify)	1								1				
2	8.1 Grade!		-		L					-			-	
6.2	2 Grade II							-						
13	8.3 Grade III			-						+				-
3	4 Grade IV		+	+										
	Total Employees				-									
1											,			

	Form; F- 11.3 Details of Administration & General Expenses	٠							,	:				(Rs. Crore)
	•	Previous Year (n-8)	Previous Year (n-6)	Previous Year (n-4)	Previous Year (n	Previous Year (n. Previous Year (n. 3)		ang.	Current Year (n)		Ensturing Year	Embuing Year (n+2)	Eneuring Year (n+3)	į
o Vo		(Actuels / Audited)	(Actuals 1 Audited)	(Actuels / Audited)	(Actuate / Audited	(Actuals / Audited) (Actuals / Audited)	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April -	Projected	Projected	Projected	
4	Administrative Expanses													
	Rand captes and taxes													
_	Leane / Rent				-					_				
Ш	Rates & Tiones													
~														
*	_					_								
•										-				
٥	Probritive & Award To Employees/Outsiders													
•														
_	Technical Fees								•					
•	Other Professional Charges		- বিশ্ব								-			
•	Conveyence And Treveling		3											
₽	Literates And Registration Fee Of Plant And Machinery											^		
	Vehicle Persons (Other Team Trade And Vehicles Running Expenses Petrol													
=	Delivery Verns)													
2	Security / Service Charges Paul To Outside Agendes													
L	Sup-Total'A' (1 To 12)			. 7										
•	Other Charges								-			,		
-	Fee And Subscriptions Books And Pertodicals								-					
-	Printing And Stationery													
	Advertisement Expenses (Other Than Purchase Related) Exhibition & Demo.													
*	Contributions/Donations To Outside Institutes / Associations													
-	7									-				
•	Weer Charges													
-										-				
•	Minositaneous Expenses													
L	Sub-Total '87 (* To 8)						,		-			1		
v	Legal Charges						-		7			_		
۵												,		
	Material Rolated Expenses						,							
-	Freight Ch Caphal Equipments													
8	Purchase Related Advertisement Expenses										•			
n	Vehicle runding and hinting expenses (Truck/ Delivery Van)										-			
-	Other Preight							•						
10	5 Transit Insurance													
•	Octroi									-				
*	7 Incidental Stones Expenses]		
-	Fabrication Charges													
	Such Total TE (1 To 8)]			
				•										
-	F Grand Total (A To E)													
ا ت	G ALD experses captalised													
Ξ.	Net A&G Expenses (F - G)									-				

Acres for the

me of Generating Compa me of Generating Station

Name of Generating Company Name of Generating Station

Fоrm: F-12 Non Tariff Income

		Previous Year (n-1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
ઌ૽૱	Description	(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
4	Income from Investment, Fixed & Call Deposits					•		
7	1 interest income from investments	2.7-3						
~	2 Interest on fixed deposits							
1	3 Interest from Banks other than Fixed Deposits							
4	Alliterast on (any other items)	•						
	Sub-Total				•			
			,				,	
α	Other Non Tariff Income							
1	Interest on loans and Advances to staff							
C	2 Interest on Loans and Advances to Licensee							
i (e.	3 Interest on Loans and Advances to Lessors							
4	4 Interest on Advances to Suppliers / Contractors							
20	5 Income from Trading (other than Electricity)							
9	6 Gain on Sale of Fixed Assets							
7	7 Income/Fee/Collection against staff welfare activities		4					
80	8 Miscellaneous receipts					•		
o.	9 Delayed payment charges from benefitiary							
100	10 Net profit from U I charges							
12	12 Penalty for contractor / supplier for delay etc.						***	
33	13 Misc. charges from benefitiary							
	Sub-Total							
	Total		,					

Form: F- 13

Summary of Truing Up

Previous Year (n-1) for Final Truing Up

Į.	Previous rear (n-1) for ritial attuing of						Two Trong
				Domistion	Reason for	Controllable	Controllable Uncontrollable
Ž	Particulars	Approved	Actual	Deviation	Deviation		
				`			
۲							
-	Interest on Loan (Including Interest on Normative Loans)						
~	Depreciation						
က	_					,	
4							
5							
9	6 Interest on Working Capital			-			
_	Income Tax						
∞						,	
6	Less; Other Income (provide details)						-
۲	10 Net Annual Fixed Charges (8-9)						
<u> </u>	B. Reverue from Sale of Power						<u></u>
1	C. Commiss / (Com)						

Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors

Current Year (n) for Annual Performance Review

S. S.	Particulars	Approved	Revised Estiamtes based on Half Year	Deviation	Reason for Deviation	Controllable	Controllable Uncontrollable
			Carlotte I carlotte				
4	A. Net Annual Fixed Charges						
H	Interest on Loan (Including Interest on Normative Loans)						
2	Depreciation						
er.	3 Lease Charge						
· -	A Dodger on Bonsiter						
ř	ואפנתנוו מון דא חווא						
ري دي	O&M Expenses						
٧	6 Interest on Working Capital						
3	Tanasa Tan						
	LICOTICE LAST						
∞	Gross Annual Fixed Charges (1+2+3+4+5+6+7)						
6	Less; Other Income (provide details)		-				
5	10 Net Annual Fixed Charges (8-9)						
1							
m m	Revenue from Sale of Power						
U	C Surplus/(Gap)			-			

Note Please give detailed explanation separately for the deviations on account of uncontrollable factors

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2	Form: F-1.2	Summary of Revenue and Revenue Requirement
3	Form: F-2.1	Saleable Energy & PAF
4	Form: F-2.2	Information on Energy Generation (MU)
5	Form: F-2.3	Salient Features of Thermal Project
6	Form: F- 3	Calculation of Net Annual Fixed Charges
7	Form: F-4.1	Computation of Energy Charges & Fuel stocks
8	Form: F-4.2 A	Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges - Coal/Lignite
9	Form: F-4.2B	Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges - Gas/Liquid
. 10	Form: F- 5.1	Statement of Gross Fixed Asset Base & Financing Plan
11_	Form: F- 5.2	Statement of Asset wise Depreciation
12	Form: F- 5.3	Statement of Depreciation
13	Form: F- 6.1	Statement of Capital Expenditure
14	Form: F- 6.2	Statement of Capital Works-in-Progress
15	Form: F- 6.3	Statement of Capital Expenditure & Schedule of COD of New Projects
16	Form: F- 6.4	Break-up of Capital Expenditure for New Projects
17	Form: F- 6.5 A	Break-up of Capital cost for Gas/Liquid based projects on COD
18	Form: F- 6.5 B	Break-up of Capital cost for Coal/Lignite based projects on COD
19	Form: F- 6.6	Break-up of Construction / Supply / Service packages on COD (For New Stations)
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21	Form: F- 7	Details of Capital Cost and Financing Structure
22	Form: F- 8	Details of Financial Packages
23	Form: F- 9.1	Statement of Outstanding Loans
24	Form: F- 9.2	Calculation of Weighted Average Interest Rate of Interest on Actual Loans
25	Form: F- 9.3	Calculation of Interest on Normative Loan
26	Form: F- 10 A	Details of Interest on Working Capital for Gas/Liquid based Stations
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29	Form: F-11.1	Details of Repair & Maintenance Expenditure
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31	Form: F-11.3	Details of Administration & General Expenses
32	Form: F-12	Non Tariff Income
33	Form: F- 13	Summary of Truing Up

Form: F-1.1

Computation of Per Unit Rate

· ·	Units	Previous Year (n-1)	Cert	Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+3)	Ensuing Year (n+3)
No. Item		(Actuals/Audited)	udited) Apr-Sep (Actual) Oct-Mar Total (April -	Oct-Mar (Estimated)	Total (April - March)	1	Projected	Projected
1 Amual Fixed Cost	Rs. Crore							
2 Primary Fuel Cost	Rs. Crore							
3 Saleable Energy (Gross Generation net of auxiliary consuption)	ļ							.,
4 Per unit Rate of Saleable Energy	Rs./unit							

Format for Thermal/Gas

Name of Generating Company Name of Generating Station

Form: F-1.2

Summary of Revenue and Revenue Requirement

1	formation and the second secon					12.55.41	Likares at as Clorej	
ψ,		Frevious Year (n-1)		Current Year (n	(E)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
No.	Item	(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
A.	Generation	ř						
	Gross Generation (MU)	•						
2	Aux Consumption (%)							
3	Aux Consumption (MU)							
4	Net Generation (MU) (1-3)							
					,			
ъ,	Revenue							
-	Revenue from Sale of Power							
2	Non-Tariff Income		٠.,					
	Total Revenue (1+2)		1,000					
ű	Expenditure			,				
	Primary Fuel Charges							
۲,	O&M expenses					•		
а			44					
q	Employee Expenses							
Ü								-
3	Secondary Fuel Oil Cost							
4	Depreciation							
2	Lease Charges							
9	Interest on Loans							
7	Interest on Working Capital							
	Total Expenditure (1+2+3+4+5+6+7)		-					-
<u>~</u>	Return on Equity							
Ţ								
기 기	Revenue Requirement (C+D							
7								
=1	Surplus (+)/Shortfall (-) (B-E)							

Note: n = FY 2012-13

Name of Generating Company Name of Generating Station

Form: F-2.1 Saleable Energy & PAF

<u>v</u>			Previous Year (n-1)		Current Year (n)	(n)	Ensuing Year (n+1)	Ensuing Year Ensuing Year Ensuing Year (n+1) (n+2) (n+3)	Ensuing Year (n+3)
Š.	Description	Unit	(Actuals/Audited) Apr-Sep Oct-Mar Total (April-(Actual) (Estimated) March)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
							•		
1	Gross Generation	(MU)							
2	Auxiliary Consumption								•
	(a) In % of Energy Generated	(%)							
	(b) In MU	(MC)							
3	Saleable Energy (1-2b)	(MCJ)							
4	Plant Availability Factor	%							

_			Previous Year (n-1)	ਜ਼		Current Year (n)		ш	Ensuing Year (n+1)		G C	Ensuing Year (n+2)	-		Ensuing Year (n+3)	
Z a	Моній	Generation	Amdilary Consumption	Net Generation	Gross	Amdijary Consumption	Net Generation	Generation	Auriliary Consumption	Net Generation	Gross	Audilary Consumption	Net	Gross	Amdiliary	Net Generation
-	April															
~	May													T		
'n	lure															
Ŧ	, Apr															
S	August												1			
6	September															•
7	October												Ì			
-	November															
-	December									Ì						
2	January													,		
11	Petruary															
12	March															
	Total															

Form: F-2.3 Salient Features of Thermal Project

Unit (s) Block (s) Parameters	N'IS	Details		Unit I	Unit I Unit II	Unit III	
1 Pressure 2 Temperature (a) 1 -At Superheater Outlet 1 - At Superheater Outlet 2 Guaranteed Desion Heat Rate Conditions on which gauranteed 3 Guaranteed Desion Heat Rate Conditions on which gauranteed 4 McR Design Ruel d Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed heat rate is not available then furnish the gauranteed A Type of Cooling Tower A Type of Cooling System¹ 5 Installed capacity (IC) 7 Type of Cooling system¹ 8 Type of Cooling system¹ 9 Finel Details³ a - Primary fuel b - Sedondary Fuel c - Aherrate Fuel C - Aherrate Fuel 10 Special Features' Site specific Features⁴ Encvironmental Regulation related 11 Special Technological Features⁵ Encvironmental Regulation related 12 features⁵ Anv other storcial features 13 Anv other storcial features The Anv other storcial features The Anv other storcial features The Anv other storcial features The Anv other storcial features The Anv other storcial features		Unit (s) Block (s) Parameters					
2 Temperature (°C) "-At Superheater Outlet "-At Superheater Outlet "-At Superheater Outlet "-At Reheater Outlet "-At Reheater Outlet Conditions on which gauranteed "-At Reheater Outlet "-At Athernate Ruel "-Athernate Ruel "-Athe	1	Pressure	(Kg/Cm2)				
"- At Superheater Outlet	7	Temperature	(၁ _၈)				
"- At Reheater Outlet Conditions on which gauranteed (kCal/Kwh) Conditions on which gauranteed (kCal/Kwh) Conditions on which gauranteed Conditions on which gauranteed Conditions on which gauranteed Conditions on which gauranteed Conditions on gauranteed Conditions on gauranteed Conditions		" - At Superheater Outlet					
3 Guaranteed Desion Heat Rate (kCal/Kwh) a % MCR b % Make-Up b % Make-Up c Design Fuel e B Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower MW 5 Installed capacity (IC) MW 6 Date of Cooling system 1 make of Cooling system 2 8 Type of Boiler Feed Pump 2 make of Cooling system 3 9 Fuel Details 3 make of Cooling system 4 a - Primary fuel make of Cooling system 3 b - Sedondary Fuel make of Cooling system 3 c - Alternate Fuel make of Cooling system 3 b - Sedondary Fuel make of Cooling system 4 c - Alternate Fuel make of Cooling specific Features 4 10 Special Features 5 make of Cooling specific Features 5 11 Special Technological Features 6 make of Cooling specific Features 6 12 Features 6 make of Cooling specific Speci		" - At Reheater Outlet					
conditions on which gauranteed a % MCR b % Make-Up c Design Fuel d Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower 5 Installed capacity (IC) 6 Date of Conmercial Operation 7 Type of Cooling system 8 Type of Boiler Feed Pump 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features / Site specific Features* 11 Special Technological Features 5 Encyronmental Regulation related 12 Features 6 13 Any other snecial features 14 Type of Boiler Features 7 Type of Boiler Features 8 Type of Boiler Features 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 11 Special Technological Features 12 Features 13 Any other snecial features	m	Guaranteed Desion Heat Rate	(kCal/Kwh)				
a % MCR b % Make-Up c Design Fuel d Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower MW 5 Installed capacity (IC) MW 6 Date of Commercial Operation Cooling system 7 Type of Cooling system B 8 Type of Boiler Feed Pump ² Cooling system a Primary fuel Cooling system b - Sedondary Fuel Cooling system c - Alternary fuel Cooling system b - Sedondary Fuel Cooling system c - Alternary fuel Cooling system b - Sedondary Fuel Cooling system c - Alternary fuel Cooling system b - Sedondary Fuel Cooling system c - Alternary fuel Cooling system b - Sedondary Fuel Cooling system c - Alternares Fuel Cooling system li Special Features Site specific Features Site specific Features Site specific Features Cooling system		Conditions on which gauranteed					
b % Make-Up c Design Fuel d Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower 5 Installed capacity (IC) 6 Date of Commercial Operation 7 Type of Cooling system¹ 8 Type of Cooling system¹ 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel c - Alternate Fuel c - Alternate Fuel c - Alternate Fuel l Special Technological Features³ Encvironmental Regulation related 11 Special Technological Features³ Encvironmental Regulation related 13 Any other snecial features	u	% MCR					,
c Design Fuel d Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower 5 Installed capacity (IC) 6 Date of Commercial Operation 7 Type of Cooling system 8 Type of Soiler Feed Pump 9 Fuel Details a - Primary fuel b - Sedondary Fuel c - Alternate Fuel c - Alternate Fuel 11 Special Technological Features 5 Encyironmental Regulation related 12 features 13 Any other snecial features	م	% Make-Up					,
d Design Cooling water Temperature e Back pressure Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower 5 Installed capacity (IC) 6 Date of Conunercial Operation 7 Type of Cooling system 8 Type of Cooling system 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features / Site specific Features* 11 Special Technological Features show other snecial features 12 Features 13 Any other snecial features 14 Any other snecial features	υ	Design Fuel					
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Note: in case gauranteed heat rate is not available then furnish the gauranteed turbine cycle rate and gauranteed boiler efficiency sereratly along with condition of gaurantee. 4 Type of Cooling Tower 5 Installed capacity (IC) 6 Date of Commercial Operation 7 Type of Cooling system 8 Type of Boiler Feed Pump 9 Fuel Details a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features / Site specific Features 11 Special Technological Features Encyronmental Regulation related 12 features 13 Any other smerial features	9	Back pressure					
1 Type of Cooling Tower 5 Installed capacity (IC) 6 Date of Cooling System 7 Type of Cooling system 8 Type of Cooling system 9 Fuel Details ³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features / Site specific Features ⁴ 11 Special Technological Features ⁵ Encyronmental Regulation related 12 Features ⁶ 13 Any other special features 14 Any other special features 15 Any other special features 16 Any other special features 17 Any other special features 18 Any other special features		Note: in case gauranteed heat rate is not avai	lable then furnish the	gauran	teed turi	oine cycle h	leat
ation 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		rate and gauranteed boiler efficiency sererat	ly along with conditic	on of ga	urantee.		
ation 2 2 2 2 2 2 2 2 2 2 2 2 2	4	Type of Cooling Tower					
6 Date of Commercial Operation 7 Type of Cooling system¹ 8 Type of Boiler Feed Pump² 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features / Site specific Features³ 11 Special Technological Features show other smerial features 12 features 6 13 Any other smerial features 14 Any other smerial features	ıc.	Installed capacity (IC)	MW				
7 Type of Cooling system¹ 8 Type of Boiler Feed Pump² 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features / Site specific Features³ 11 Special Technological Features 5 Encyronmental Regulation related 12 features 6 13 Any other smerial features	9	Date of Commercial Operation					
 8 Type of Boiler Feed Pump² 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features⁴ 11 Special Technological Features⁵ Encvironmental Regulation related 12 features⁶ 13 Any other smerial features 	7	Type of Cooling system ¹					
 9 Fuel Details³ a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features Site specific Features⁴ 11 Special Technological Features⁵ Encvironmental Regulation related 12 features⁵ 13 Any other smecial features 	æ	Type of Boiler Feed Pump ²			-		
 a - Primary fuel b - Sedondary Fuel c - Alternate Fuel 10 Special Features/ Site specific Features⁵ 11 Special Technological Features⁵ Encvironmental Regulation related 12 features⁶ 13 Any other smecial features 	6	Fuel Details ³			•	•	
b - Sedondary Fuel c - Alternate Fuel 10 Special Features/ Site specific Features* 11 Special Technological Features Encvironmental Regulation related 12 features 13 Any other smecial features	щ	- Primary fuel					
c - Alternate Fuel 10 Special Features/ Site specific Features* 11 Special Technological Features* Encvironmental Regulation related 12 features* Any other smecial features	ρ,	- Sedondary Fuel		_			
10 Special Features / Site specific Features* 11 Special Technological Features* Encvironmental Regulation related 12 features* Anv other snecial features	J.	- Altemate Fuel					
11 Special Technological Features ⁵ Encyironmental Regulation related 12 features ⁶ 13 Any other smecial features	10	Special Features/Site specific Features					
Encyronmental Regulation related 12 features ⁶ 13 Any other snecial features	11	Special Technological Features ⁵					٠ ;
12 features ⁶ 13 Any other snecial features		Encyironmental Regulation related					
13 Any other snecial features	12	features ⁶					·
The state of the s	13	13 Any other special features					

- 1. Close Circuit cooling, once though cooling, natural draft cooling, induced draft cooling etc.
- 2. Motor Driven, Steam driven etc.
- 3. Coal or natural gas or naptha or lignite etc. 4. Any site specific feature such as Mery-Go-Round, Vicinity to sea, Intake/ makeup water
- system etc.scrubbers etc. Specify all such features. 5. Any Special Technological feature like advanced class FA Technology in Gas Turbines, etc.
- 6. Environmental regulation related features like FGD, ESP etc.

Form: F-3 Calculation of Net Annual Fixed Charges

		,					(Figu	(Figures in Rs Crore)
S. S.	Voor onding March	Previous Year (n-1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year Ensuing Year (n+2)	Ensuing Year (n+3)
о́ .		(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
_	Interest on Loan (Including Interest on Normative Loans)					, ,	-	
7	Depredation							
က	_							
4	ı	•						,
	(a) Rate of Return on Equity							
<u> </u>	(b) Equity						,	
	(c) Return on Equity (4a)*(4b)							
S	O&M Expenses							
	5.1 Employee Costs							
	5.2 Repair and Maint. Expenses							
L.	5.3 Admin & Gen Costs							
ဖ	Interest on Working Capital							
~								
ω				,	,			
တ	Less; Other Income (provide details)							
5	10 Net Annual Fixed Charges (8-9)							

Name of Generating Company Name of Generating Station

Computation of Energy Charges & Fuel stocks

Form: F-4.1

			Provious Year (n.1)	Curren	Current Year (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+2)
SL No	Description	Unit	Actual / Audifed	Apr-Sep (Actual)	Oct-Mar (Estimated)	Projected	Projected	Projected
-	Rated Capacity	WW						
2	Target Availability (PLF)	%						
6	Units of Generation at Normative PLF	MU						
4	Gross Station Heat Rate (GHR)	Kcal/Kwh						
2	Specific Fuel Oil Consumption (SFC)	ml/Kwh					3	
မ	Catorific Value of Secondary Fuel (CVSF)	Kcal/L		ļ				
7	Weighted Average Landed Price of Primary Fuel (LPPF)	Rs./MT or Rs./KL						•
80	Weighted Average Landed Price of Secondary Fuel	Rs./KL						
6	Gross Calorific Value of Primary Fuel (CVPF)	Kcal/Kg						
٤	Normative Auxiliary Consumption (%)	%						
=	Ex-Bus Primary Fuel Chages	Ps./Kwh						
12	Energy Generation in One Month	, AM						
13	Energy Sent Out in One Month	DP4						
14	Average Cost of Primary Fuel per Month	Rs. Crores						
15	Average Cost of Secondary Fuel per Month	Rs. Crores				•		
16	Average Cost of Main Secondary Fuel per. Month (for WC)	Rs. Crores			,			

Name of Generating Company Name of Generating Station

Form: F-4.2 A

Details/Information to be Submitted in respect of Fuel for Computation of Energy Charges - Coal/Lignite

Į .			Previous Year (n-1)		Current Year (n))	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year Ensuing Year (n+3) (n+2) (n+3)
Ŋ \$	Description	Chris	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
-	Quantity of Coal / Lignite supplied by Coal/Lignite Company	(MMT)						ļ	
٦,	Adjustment (+/-) in quantity supplied made by Coal/Lignite Company	(MMT)					,	-	
က	Coal supplied by Coal/Lignite Company (1+2)	(MMT)							•
4	Normative Transit & Handling Losses	(MMT)							
2	Net coal / Lignite Supplied (3-4)	(TMM)			`			,	
ဖ	Amount charged by the Coal / Lignite Company	(Rs. Crore)				٠.			
7	Adjustment (+/-) in amount charged made by Coal/Lignite Company	(Rs. Crore)		de entre					
00	Total amount Charged (6+7)	(Rs. Crore)							
တ		(Rs. Crore)							
5	Adjustment (+/-) in amount charged made by Railways/Transport Company	(Rs. Crore)				•			
F		(Rs. Crore)							
12	Other Charges	(Rs. Crore)	~	:					
13	Total Transportation Charges (9+/-10-11+12)	(Rs. Crore)							
4	Total amount Charged for coal/lignite supplied including Transportation (8+13)	(Rs. Crore)		;					
15	Rate of Coal per MT ((14/1)	Rs./MT							
16	Weighted average Rate of Coal	Rs./MT							
17	17 Average GCV of coal / Lignite as fired	(kCal/Kg)							
82	18- Weighted average GCV of coal / Lignite as fired	(kCal/Kg)							

Name of Generating Company Name of Generating Station

Form: F-4.2B

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			Previous Year (n-1)	:	Current Year (n)	(c	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
고 S	Description	Craft	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
-	Oughtity of Final parchased	(MMSCM / KL)							
ľ	Amount neverble to Firel simplier	(Rs. Crore)							
V C	Total Transportation Chames	(Rs. Crore)							
1	Total Fiel Cost	(Rs. Crore)							
٦	4 Weighted average GCV of Fuel	(kCal/Kg) / (kCal/KL)							
١									

Z.,

Form: F-5.1 Statement of Gross Fixed Asset Base & Financing Plan

Final Approved Cost as on Commercial Operations Date

	Capital Expenditure	Date of commercial operation
(a) Unit/Block -1		(DD/MM/YY)
(b) Unit/Block-2		· WAYAWAY
(c) Unit/Block-3		(22 /200/00)
[d] Unit/Block-4		(LL /MIN (CC)
(e) Unit/Block-5, etc.		(II)
	.,	(TT /TATTAT / TT)

Original Financing Plan (Unitwise)

n Loan			mency Loan					Currency
Rupee Term Loan	Debt 1	Debt 2 *	Foreign Currency Loan	Debt 1	Debt 2*	Equity	In Rupees	In Foreign Currency

(T-T) mad concern			Ë	
Particulars of Assets	Opening balance	Additions during the year*	Retirement of assets during the year*	re Closing balance
a) Land	-			
b) Building				
c) and so on (As per categorisation given in the Regulations)				
(STOTE PARTY OF THE	-			
	``			
Total				

Previous year (n-1)

Name of Generating Station

Form: F-5.1 Statement of Gross Fixed Asset Base & Financing Plan

Current Year (n)		₹		Ē	(Figures in Rs Crore)	(a)
Particulars of Assets	Opening	Additions of assets during the year*	ng the year"	Retirement of assets during the year*	ets during the	Closing balance
	Dalance	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	
a) Land					-	
guipling (d						
c) and so on (As per categorisation given in the Regulations)	-			,		
	,					
						-
				-		
Total						
Ensuing year (n +1)				(Figures in Rs Crore)	, ,	
Particulars of Assets	Opening balance	Additions during the year*	Retirement of assets during the Chosing balance year*	Chosing balance		
a) Land						
b) Building				-		
c) and so on (As per categorisation given in the Regulations)						
			;			
[Tota]						

Name of Generating Station

Form: F-5.1 Statement of Gross Fixed Asset Base & Financing Plan

Ensuing year (n +2)				(Figures in Rs Crore)	(e)
Particulars of Assets	Opening balance	Additions during the year*	Retirement of assets during the Closing balance year*	Closing balance	

a) Land					
b) Building					
c) and so on (As per categorisation given in the Regulations)	4				

			,		
Total			`		
Ensuing year (n +3)				(Figures in Rs Crore)	ø
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the Closing balance year*	Closing balance	
a) Land					
b) Building					
c) and so on (As per categorisation given in the Regulations)					
	7.50				
Total	,				

* Please provide Actual / Proposed Dates of Addition and Retirement of Fixed Assets during the year

Name of Generating Station	Form: F-5.2 Statement of Asset wise Depreciation
----------------------------	---

Previous year (n-1)					(Figures in Rs Crore)	
Particulars of Assets	Rate of Depreciation in %	Accumulated Depreciation at the beginning of the year	Deprectation provided for the year	Withdrawls during the year	Depreciation provided Withdrawis during Balance of accumulated for the year depreciation at the end of the year	
a) Land						
b) Building						
c) and so on (As per categorisation given in the Regulations)					3	
						•
	,					.•
Total						
		,				

Current Year (n)						1	(Figures in Ks Crore)
		Ray I	Depreciation provided for the year	ided for the year	Withdrawls during the year	year	Balance of accumulated
, Particulars of Assets	Rate of Depreciation in %	Depreciation at the peginning the year	Apr-Sep (Actual)	Apr-Sep (Actual) Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	depreciation at the end of the year
at Tank					•		
L. Denister					,		
of section of the section of the man in the Domiletions						,	
כי) פונים 20 נזון (עם לפו לפופליסודספיים לא כיו דון חוב עב להפדימים)							
			•				
Total							

Ensuing year (n +1)				,	(Figures in Rs Crore)
Particulars of Assets	Rate of Depreciation in %	Accumulated Depreciation at the beginning of the year	Depreciation provided Withdrawls during for the year	Withdrawls during the year	Balance of accumulated depreciation at the end of the year
a) Land					
b) Building					
c) and so on (As per categorisation given in the Regulations)					
Total					

Name of Generating Station

Form: F- 5.2 Statement of Asset wise Depreciation

Ensuing year (n +2)					rigures in to croise)
Particulars of Assets	Rate of Depreciation in %	Accumulated Depreciation at the beginning of the year	Depreciation provided Withdrawls during for the year	Withdrawls doring the year	Balance of accumulated depreciation at the end of the year
a) Land					
b) Building					
c) and so on (As ner categorisation given in the Regulations)					
Total					
Ensuing year (n +3)		, i			(Figures in Rs Crore)
Particulars of Assets	Rate of Depreciation in %	Accumulated Depreciation at the beginning of the year	Depreciation provided Withdrawls during for the year	Withdrawls during the year	Balance of accumulated depreciation at the end of the year
a) Land					
b) Building					
c) and so on (As per categorisation given in the Regulations)					
			-		
1776					

...

Name of Generating Company Name of Generating Station

Form: F-5.3 Statement of Depreciation												E	Ċ.	ĺ	
Financial Year	Upto	2001- 2002- 2003- 2004- 2005- 2006-	2002- 2	2003-	2004- 2	2005- 20	20	N	(4	0	2011-	2012-	2011- 2012- 2013- 2014- 2015-	2014	2015-
	2000-01	83	ප	22	.05.	8	٥ ۵	88	유	Ħ ·	12	13	14	15	16
Depreciation on Capital Cost					1	1	-	 	_						
	'n								-						
Depreciation on Additional Capitalisation												-			
Amount of Additional Capitalisation						,									
Depreciation Amount													ŕ		
							-			_					
Detail of FERV		,						_			_				
Amount of FERV on which Depreciation is charged	***														
Depreciation Amount															
.' Depreciation recovered during the year															
Advance against Depreciation recovered during the year				-			· 	-						-	
Depreciation and Advance against Depreciation recovered during the year															
Cummulative Depreciation and Advance against Depreciation recovered upto										_					
the year			-	-			_						,		

(Figures in Rs Crore)

Name of Generating Company Name of Generating Station Form: F- 6.1 Statement of Capital Expenditure

Remarks++ Total
Expenditure
Actually
Incurred Total
Expenditure
Approved by
Competent
Authority Remarks+ Ensuing Year Ensuing Year Ensuing Year (n+1) (n+2) (n+3) Projected Projected Projected Remarks+ Total (April -March) Corrent Year (n) Oct-Mar (Estimated) Apr-Sep (Actual) Previous Year (n-1) Actual / ₹ 000 g) Office Equipment & Others 3) Break up of sources of financing c) Others (Please specify) fFurniture and Fixtures d) Flant & Machinery c) Major Civil Works Particulars Total (B) 4) Expenditure Details oreign Currency Loan e) Vehicles b) Building In Foreign Currency a) Land upee term Loan Fotal (A) in Rupees Per 1 Debt 2 Equity Debt 1 Sept 2

Note

i) The break up wherever required and necessary may be given in respect of Loans and Equity financing supported with respective documentation.

ii) Copies of Approval from competent authorities may be furnished in respect of cost of project, its components and scheme of finance.

ii) Remarks +: Explain for the causes of deviation if the actual expenditure during the current year is expected to be different from that approved by UERC or other authorised agencies

to) Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or the authoridsed agencies

Form: F- 6.2 Statement of Capital Works-in-Progress

	-								
		Previous Year (n-1)		Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks
S. No.	Katheniars	Actual / Audited	Apr-Sep	(Actual) Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
-	1 Omening balance of CWIP								
,									
~	2 Add: New Investment								
	Constitution of the same	-	•						•
	Capital payerment			,					,
	Expenses Capitalised								
	To transf Description			<i>1</i> **					
	תוכוכנו לישווף כייים							· /	
m	Less: Investment Capitalised								
4	Closing balance of CWIP			-					

Name of Generating Company

Name of Generating Station

Form: F- 6.3 Statement of Capital Expenditure & Schedule of COD of New Projects

Name of the Power Station:				
Name of Agency approving the Project Cost Estimates		·		
Date of Approval of Capital Cost Estimate				
				,
		Present Day Cost (As on	As approved by Competent	
		Date)	Authority	
Capital Cost				
Foreign Exchange Rate considered for capital cost estimates	8			
				•
Cost Details		Amount	Exchange Rate	Amount (Rs. Crore)
A) Basic Cost				
Foreign Component (in Foreign Currency)	***			
Domestic Component				
Total Basic Cost	B			
B) IDC &FC				
Foreign Component (in Foreign Currency)				
Indian Component	1			
Total IDC &FC	þ			
C) Total Cost (Including IDC and FC)	c=(a+b)			

Schedule of Commissioning

COD of Unit/Block-I	COD of Unit/Block-II	COD of Last Unit/Block	

Note: i) Copy of Approval to be enclosed

(Figures in Rs Crore)

Name of Generating Company Name of Generating Station

Form: F. 6.4 Break-up of Capital Expenditure for New Projects

Name of the Power Station:
Name of Agency approving the Project Cost Estimates
Date of Approval of Capital Cost Estimate

							-	-	,		
	Total Ernenditure	Previous year (n-1)	Current Year (n)		Total Expenditure	Total Expenditure supposed to	Difference	102	Ensuing Year Ensuing Year	Ensuing Year	Ensuing Year
Particulars	Approved by Competent Authority	Expenditure Actually Incured	Apr-Sep (Actual)	Oct-Mar (Estimated)	Incurred upto Current Year	Incurred upto Current be incured till current year, as between comming remarker. Year per the approved plan 6 and 7	6 and 7		(n+1)	(n+2)	(m+3)
	2	6	4	us.	9	7	\$ 0	6	10	11	12•
A) Expenditure Details						•					
a) Land											
b) Building											
c) Melor Civil Works											í
3) Washingto											
מ) לושווו פו ואמרקור					:						
e) Vehicles											
f)Furniture and Fixtures											
g) Office Equipment & Others	hers				-						
Total (A)											
financing										-	
a) Loans/ Borrowings											
b) Equity											
c) Others (Please specify)											
Total (B)											

Note: ii) Remark+; Explain for the causes of difference between 6 and 7.

Name	of	Generating	Company
Name	of	Generating	Station

Form: F- 6.5 A Break-up of Capital cost for Gas/Liquid based projects on COD

SI. No	Head of works	Original cost as approved by	Cost-on COD	(Figures in Rs Cro Variation	Reasons for
1	2	3	4	5	6
	Cost of Land & Site Development				
	Land				
	Rehabilitation & Resettlement (R&R)				
13	Preliminary Investigation & Site development				
1.0	Total Land & Site Development				
	TOMP BUTTO OF STORY				
2.0	Plant & Equipment				
21	Steam Turbine Generator Island				
22	Gas Turbine Generator Island				
	WHRB Island				
	BOP Mechanical				
	Fuel Handling & Storage system	· · · · · · · · · · · · · · · · · · ·			
	External water supply system				
	CW system				
	Cooling Towers				
	DM water Plant				
	Clarification plant				
247	Chlorination Plant				
	Air Condition & Ventilation System				
	Fire fighting System		T		
	HP/LP Piping				
4.4.10	Total BOP Mechanical				
2.5	BOP Electrical		1		
	Switch Yard Package		1 .	<u> </u>	1
	Transformers Package	 	:		
	Switch gear Package	· · · · · · · · · · · · · · · · · · ·		}	
2.5.3	Cables, Cable facilities & grounding				-
	Lighting		1		
2.0.0	Emergency D.G. set		- 		
2.0.0	Total BOP Electrical				
26	Control & Instrumentation (C & I) Package		1	<u> </u>	
2.0	Total Plant & Equipment excluding Taxes & Duties				
2.7				.}	
	Taxes and Duties			,	
27	Taxes and Duties				
2.7.	Custom Duty/Excise Duty/Sales Tax				
2.7.	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi]				
2.7.	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties	7.5 F.54			
2.7.	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi]				
2.7.2	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment				
2.7.2	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties				
2.7.2 2.7.2 3.0	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares				
3.0	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works				
3.0 4.0 4.0	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building	E.G.			
3.0 4.0 4.1	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system	E.G.			
3.0 4.0 4.1 4.1	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system CW system	E.G.			
3.0 4.0 4.1 4.1	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers	E.G.			
3.0 4.0 4.4 4.4 4.4	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant	E.G.			
3.0 4.0 4.4 4.4 4.4	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant	E.G.			
3.0 4.0 4.4 4.4 4.4 4.4	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system	Tria.			
3.0 4.0 4.4 4.4 4.4 4.4 4.4	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system I Township & Colony	Tria.			
3.0 4.0 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works	Tria.			
3.0 4.0 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage	Tria.			
3.0 4.0 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Colorification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage Fire fighting System	Tria.			
3.0 4.0 4.1 4.1 4.4 4.4 4.4 4.4 4.1	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage	Tria.			
3.0 4.0 4.1 4.4 4.4 4.4 4.1 4.1	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage Fire fighting System Total Civil works	Tria.			
3.0 4.0 4.4 4.4 4.4 4.4 4.1 4.1 4.1	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage Fire fighting System Total Civil works Construction & Pre- Commissioning Expences	Tria.			
3.0 4.0 4.4 4.4 4.4 4.1 4.1 5.0 5.0	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage Fire fighting System Total Civil works Construction & Pre- Commissioning Expences Erection Testing and commissioning	Tria.			
3.0 4.0 4.4 4.4 4.4 4.1 4.1 5.0 5.0	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works I Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage Fire fighting System Total Civil works Construction & Pre- Commissioning Expences Erection Testing and commissioning	Tria.			
3.0 4.0 4.4 4.4 4.4 4.1 4.1 5.0 5.5 5.5	Custom Duty/Excise Duty/Sales Tax Other Taxes & Duties - [Octroi] Total Taxes & Duties Total Plant & Equipment Initial spares Civil Works Main plant/Adm. Building External water supply system Cooling Towers DM water Plant Clarification plant Fuel Handling & Storage system Township & Colony Temp. construction & enabling works Road & Drainage Fire fighting System Total Civil works Construction & Pre- Commissioning Expences Erection Testing and commissioning	Tria.			

SI. No.	Head of works	Original cost as approved by	Cost on COD	Variation	Reasons for
	Start up fuel	<u> </u>	 		
	Other Expenses				
	Total Construction & Pre- Commissioning Expenses				
		1,-			
6.0	Overheads		<u> </u>		
6.1	Establishment	<u></u>			
6.2	Design & Engineering		- 	· · · · · · · · · · · · · · · · · · ·	
	Audit & Accounts				
6.4	Contingency				
	Total Overheads		+		
7.0	Capital cost excluding IDC & FC				
8.0	IDC, FC, FERV & Hedging Cost				
8.1	Interest During Construction/(IDC)				
8.2	Financing Charges (FC)				-
8.3	Foreign Exchange Rate Variation (FERV)				-
	Hedging Cost				
	Total of IDC, FC, FERV and Hedging Cost		 		
9.0	Capital cost including IDC, FC, FERV and Hedging				

Note: 1. In case of time and cost over-run of the project, a detailed write-up giving justification for such time and cost over run should be submitted, clearly bringing out the agency responsible and whether such time and cost over run was beyond the control of the generating company

Name	of Generating Company	
Name	of Generating Station	

Form: F- 6.5 B

Break-up of Capital cost for Coal/Lignite based projects on COD

r		· · · · · · · · · · · · · · · · · · ·		(Figures in Rs Cr	оге)
SI. No.	Head of works	Original cost as approved by Authority	Cost or COD	_	Reasons for variation
1	2	3	4	5	6
1.0	Cost of Land & Site Development	· · · · · · · · · · · · · · · · · · ·	+	 	- 0
	Land			 	
1.2	Rehabilitation & Resettlement (R&R)		+		
	Preliminary Investigation & Site development		 		
	Total Land & Site Development		 		
			 		<u> </u>
2.0	Plant & Equipment		 		
	Steam Generator Island			 	+
2.2	Turbine Generator Island				
2.3	BOP Mechanical		 		
2.3.1	External water supply system				
2.3.2	CW system		1	· · · · · · · · · · · · · · · · · · ·	
	DM water Plant				1
	Clarification plant				
2.3.5	Chlorination Plant				
2.3.6	Fuel Handling & Storage system				1
	Ash Handling System				
	Coal Handling Plant	,			
2.3.9	Rolling Stock and Locomotives				
2.3.10					
2.3.11	Air Compressor System				
	Air Condition & Ventilation System				
	Fire fighting System		<u></u>		
	HP/LP Piping	i.	<u> </u>		
	Total BOP Mechanical		<u> </u>		
	BOP Electrical Switch Yard Package	·			
	Transformers Package		<u> </u>		
	Switch gear Package		ļ	 	<u> </u>
	Cables, Cable facilities & grounding		ļ		
	Lighting		7	 	
2.4.6	Emergency D.G. set	·	· · ·	 	
	Total BOP Electrical		 	 	 -
	Control & Instrumentation (C & I) Package			 	
	Total Plant & Equipment excluding Taxes &				
	Dutles		1 =		
	- 1,		ļ <u>.</u>		
	Taxes and Duties				
	Custom Duty/Excise Duty/Sales Tax				
	Other Taxes & Duties - [Octroi]	·····	·		
	Total Plant & Facility				
\vdash	Total Plant & Equipment	<u> </u>		<u> </u>	
30	Initial spares				
3.0	initial spales				
40	Civil Works	·		•	
	Main plant/Adm. Building	····			
42	CW/ system				
4.3	Cooling Towers			 -	
	DM water Plant				
	Clarification plant				
	Chlorination plant				
4.7	Fuel Handling & Storage system				
	Coal Handling Plant				
	MGR & Marshalling Yard				
	Ash Handling System				
4.11/	Ash disposal area development			- <u></u>	
	·				

SI. Ņo.	Head of works	Original cost as approved by Authority	Cost on	Variation	Reasons for variation
	Fire fighting System				
	Township & Colony				
	Temp. construction & enabling works				
4.15	Road & Drainage	7,_			
	Total Civil works	* * * * * * * * * * * * * * * * * * * *	-	<u> </u>	·
,				· · · · · · · · · · · · · · · · · · ·	
	Construction & Pre- Commissioning Expences				· · · · · · · · · · · · · · · · · · ·
	Erection Testing and commissioning			 	
	Site supervision ,	····		 	
	Operator's Training				
	Construction Insurance				
5.5	Tools & Plant				
5.6	Start up fuel		-		+
5.7	Other Expenses	· · · · · · · · · · · · · · · · · · ·		1	
	Total Construction & Pre- Commissioning Expenses	•			
6.0	Overheads				
	Establishment				
	Design & Engineering				
	Audit & Accounts	,			
	Contingency	· · · · · · -			
	Total Overheads				
					
7.0	Capital cost excluding IDC & FC				
8.0	IDC, FC, FERV & Hedging Cost				
	Interest During Construction (IDC)				
	Financing Charges (FC)				
	Foreign Exchange Rate Variation (FERV)				
8.4	Hedging Cost	;			
	Total of IDC, FC, FERV and Hedging Cost	`			
	Capital cost including IDC, FC, FERV and Hedging	*		•	
		· · · · · · · · · · · · · · · · · · ·			

Note:

^{1.} In case of time and cost over-run of the project, a detailed write-up giving justification for such time and cost over run should be submitted, clearly bringing out the agency responsible and whether such time and cost over run was beyond the control of the generating company

Form: F- 6.6 Break-up of Construction / Supply / Service packages on COD (For New Stations)

	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	(11)				,				
	Firm or With Escalation in prices	(10)								
	Value of Award'in (Rs. Cr.)	6								_
	Date of Completion of Work	(8)								
	Date of Start of work	E								
	Date of Award	(9)								
•	No. of bids received	(5)								
	Whether awarded through ICB/DCB/ No. of bids Date of Departmentally/ received Award Deposit Work	(4)			,					
•••	Scope of works (in line with head of cost break- ups as applicable)	(6)								
	Name/No. of Construction / Supply / Service Package	(6)	(7)			•				
	SI.No.	£	3	ľ						

1 If there is any package, which need to be shown in Indian Rupee and foreign currency(ies), the same should be shown separatly alongwith the currency, the exchange rate and the date

Form: F- 6.7 Draw Down Schedule for Calculation of IDC & Financing Charges

-

		.						(Figures in Rs Crore)		
SI. No.	o. Draw Down		Quarter 1			Quarter 2		Qua	Quarter n (COD)	
	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency .	Exchange Rate on Draw Down Date	Amount in Indian Rupee
1	Loans									
1.1	Foreign Loans									
1.1.1	l' 1									
	Draw Down Amount								•	
	IDC ·									
	Financing Charges								,	
	FERV									
	Hedging Cost									
1.12	Foreign Loan 1									
	Draw Down Amount						•			
	IDC									
	Financing Charges			-						
	FERV									
	Hedging Cost									
,				-				-		,
1.1.n	1.1.n Foreign Loan n		-		•-				`	
	Draw Down Amount									
	IDC .									
	Financing Charges				•	-				
	FERV									
	Hedging Cost									
					,					
11	Total Foreign Loans				•					
	Draw Down Amount									
	ļ									
	Financing Charges									
	FERV									
	Hedging Cost									
									,	

._.

					BAN TO THE OWNER OF THE OWNER OWNER OF THE OWNER O					
St. No.	Draw Down		Quarter 1			Quarter 2		on. Ona	Quarter n (COD)	
	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee
1.2	Indian Loans						,		-	
121	Indian Loan 1									
4	Draw Down Amount									
	IDC				-					
	Financing Charges	,								
100	1 9.9 Indian I can 9									
7,77	Draw Down Amount									
	DC CONTRACTOR									•
	Financing Charges									
-			-	`						
12n	1.2n Indian Loan n		-							
	Draw Down Amount									
	IDC								7	
	Financing Charges									
1.2	Total Indian Loans									
ı	Draw Down Amount									
	IDC									
	Financing Charges				,					
$-\tau$										
H	Total of Loans Drawn									
	Financing Charges									
	FERV									
	Hedging Cost				4					
									,	
7	Equity						- 3		-	
1										*
2.1	Foreign Equity Drawn				-	÷				
22	Indian Equity Drawn									
- I		,								
7	Total Equity Deployed									

·--

Note: 1. Drawl of Debt and Equity shall be on pari passu basis quarter wise to meet the Commissioning schedule. Drawl of higher Equity in beginning is permissible.

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^{2.} Applicable Interest Rates including reset dates used for computation may be furnished separately.

^{3.} In case of Multi Unit Project, details of Capitalisation ratio used to be furnished

Form: F-7 Details of Capital Cost and Financing Structure

		Previous Year (n-1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year Ensuing Year (n+1) (n+2) (n+3)	Ensuing Year (n+3)	e e
Year ending March	FY of COD	Actual / Audited (Actual) (Estimated) March)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Nemarks
Basic Project Financial Parameters	,								
Canital Cost*		,							
Addition during the year									
Deletion during the year									
Gross Capital Cost (A)							-		
Equity against Original Project Cost									
Addition during the year									
Equity Sub-Total (B)									
Debt outstanding against the original Capital cost									
New Loans added during the year									
Debt Sub-Total (C)									
Grants against original project cost									
Addition during the year	•								
Grants Sub-Total (D)									
Total Financing (B+C+D)									

Note:
i) *Approved or Actual Capital Cost whichever is less.
ii) The equity and loan shall be divided into foregin and domestic component if applicable.

Form: F-8 Details of Financial Packages

										F. F. J.	J- /6
Coverage of Been de	Amount in FC	Exchange Rate	Amount in Indian Currency	Terms of Repayment	Grace Period	Interest Rate/ Return on Equity	Guarantee Commission	Upfront Fees/ Exposure Premium	% of lotal % of lotal Debt Equify		7% Of Total PC
	(Name of Currency)	(Rs./FC)	(Rs. in Crore)	(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%	%	(%)
(A) Debt											
Foreign:											
Loan I											
Loan II	, ,										
Loan III		~:									
Loan IV etc				, e							•
Indian:			,						1		
Loan II etc.											
Total Loan (A)											
(B) Equity											
Foreign:											
Indian:											
Total Eduity(B)											
(C) Grants											
Foreign							,				
Indian:											
Total Grant (C)											
Total Financing (A+B+C)											
Total Project Cost		·	-								
Note	,		٠.			•	,	H 1112			

(i) In case of projects having achieved COD: Financial package details, as admitted by the Competent Authority on COD of the Project, shall be furnished in the Format alongwith supporting documents. (ii) In case of projects which are yet to achieve their COD: Financial package detrails, as approved by the Competent Authority, shall be furnished in the Format alongwith supporting documents.

(ii) F.C. Foreign Currency

(iii) P.C. Project Cost

Remarks

Current Year (n)

Name of Generating Company Name of Generating Station

Form: F-9.1 Statement of Outstanding Loans

Previous year (n-1)

								A	-
	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount received during the year	Principal due during the year	Principal redeemed during the year	Principal Overvier at the stranged Due at the year end	year end	Remarks
Loan Agency (Source or tout)				1 A. 1344.4	Arteral / Andithod	Actual/ Anditted	Actual/ Auditted	Actual/ Audithed	
_	Actual/ Auditted	Actual/ Audithed	Actual/ Audithed	Actual/ Automed	Trimer (mm Tr	/	(C) (S) (S)	(9)-(4)+(2)-(6)	(01)
11		8	(4)	(5)	(9)	0	(/Ha)-(a)	121 121 121 121 121 121 121 121 121 121	
(D)	121			- 1					
A. Other man state Kovernmenn									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.	•								
Sub-Total (A)				,					
B. Covernment Loans									=
Type 1						,			
Type 2							,		
Time 1 of									
Sab-Total (B)									
Sub-Total (A+B)									
	-		•						
C Normative Loans									
TOTAL (A+B+C)									
						•			

	Rate of interest (%)	Repayment period	Balance at the	Amount received during the year	Principal due during the	Principal redeemed during the year	Principal Overdue at the Principal Due at the year end	Principal Due at the year end
Loan Agency (Source of Ioan)		(remar)					Part of the	Hetimatod
	Tetimotod	Estimated	Estimated	Estimated	Estimated	Estimated	naneurisa	
	amain or	é	(9)	9	(9)	Б	(S)=(B)	(9)-(4)-(6)
Œ	(2)	(5)						-
A. Other than state government								
Loan I (Name of lender)								
(and the little of the little								
Coan 2 (Name of render)								
Loan 3 (Name of lender), etc.				÷				
Sub-Total (A)								
B. Government Loans								
Type 1								
J. P.	•							
4 3 4 5 1		-						
Type 3 etc.								
Sab-Total (B)								
Sub-Total (A+B)								
							-	
C Normative Loans							,	
TOTAL (A+B+C)								-

Ensuing year (x+1)									
Loan Agency (Sounce of Joan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal due during the Principal to be redeemed Principal Overdue at the year year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	-
æ	(2)	(3)	(\$)	(5)	(9)	6	(2) - (9) - (8)	(9/~(3/~(2)	80
A. Other than state government	-					`		/AV/A /AV /AV	/AT1
Loan 1 (Name of lender)									
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									1
Sub-Total (A)				2					
B. Government Loans									
Type 1									
Type 2									
Type 3 etc.									-
Sub-Total (B)									
Sub-Total (A+B)		·							
C. Normative Loans									
TOTAL (A+B+C)									
Ensuing year (n+2)									
Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
Œ	(2)	ම	(#)	(3)	(6)	۵	(8)-(6)-(7)	(9)=(4)+(2)-(6)	600
A. Other than state government									
Loan 1 (Name of lender)									
Loan 2 (Nume of lander)									
Loan 3 (Name of lender), etc.									
Sub-Total (A)	,								
B. Government Loans	-								
Type1									
Type 2									10.0
Type 3 etc.			,						
Sub-Total (B)									
Sub-Total (A+B)	-							,	
C Normative Loans			,						
TOTAL (A+B+C)									
	:			,		T			

Forms for Deservabling

Emening year (n+3)									
Loan Agency (Source of Ioan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the -Principal to be redeemed Principal Overdue at the Principal Due at the during the year end year end	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	-
33.	(2)	3	(4)	·(9)	(9)	Ø	(Z - (9) - (<u>8</u>)	(9)-(4)-(2)-(6)	(10)
A. Other than state government				-		,			
Loan 1 (Name of lender)		-							
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.			,				•		
Sub-Total (A)							•		
B. Government Loans				,					
Type 1									
Type 2									-
Type 3 etc.									1
Sub-Total (B)									
Sub-Total (A+B)									
C Normative Loans									
TOTAL (A+B+C)			-	,				1	

Note: i) In case reschedulament of any locar has been undertaken, the terms of reschedulement to be specified clearly, through an attachment alongwith copy of the letter from the Lender outlining the terms of Re-scadulement. ii) Any Loan not allacuted to any Generating Station and not forming part of Appored Financial Package, to be shown separately, with reasons thereof.

for the state of t

ii) The original Financing Plan and the cumulative repayment as per the Original Financing Plan to be outlined for each Loan.

io) For current year, Loans already drawn and the loan proposed to be drawn by end of year to be shown separately.

v) Any new loon from existing or new lenders to be identified separately as a Loon.

oi) in case of Foreign Currency Loans, data to be provided in the currency of borrowing alongwith the name of the currency.

Name of Generating Company	
Name of Generating Station	
Form: F- 9.2 Calculation of Weighted Average Inte	

			`			(Figures in Rs Crore)
	T. distribution	Previous Year (n-1)	Current Year (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
.No.	Particulars	rievious real (ii-1)	(-7)	Projected	Projected	Projected
	Loan 1					
	Gross Loan - Opening					
	Cummulative payments of Loan		1			
	upto Previous Year					
	Net Loan - Opening					
	Add: Drawl(s) during the year	<u></u>				
	Less: Repayment(s) of Loan		ļ	İ		
	during the year					
	Net Loan - Closing			<u> </u>		
	Average Net Loan					
	Rate of Interest on Loan on					
	Annual Basis			ļ		
	Interest on Loan			 	 	, _
				 	 	
	Loan 2		_	 	 	· · · · · · · · · · · · · · · · · · ·
	Gross Loan - Opening			 	 	
	Cummulative payments of Loan				,	
	upto Previous Year			 		-
	Net Loan - Opening			<u> </u>		
	Add: Drawl(s) during the year					
	Less: Repayment(s) of Loan					
	during the year			<u></u>	 	
	Net Loan - Closing				ļ	
	Average Net Loan					:
	Rate of Interest on Loan on		1			
	Annual Basis				 	
	Interest on Loan				 	
						
	Loan n					
	Gross Loan - Opening		}	 	 	
	Cummulative payments of Loan					
	upto Previous Year				+	
	Net Loan - Opening			- 		
	Add: Drawl(s) during the year				· · · · · · · · · · · · · · · · · · ·	
	Less: Repayment(s) of Loan		1	* / ·	1	
	during the year			- 	· 	
	Net Loan - Closing					
	Average Net Loan					
	Rate of Interest on Loan on				•	
	Annual Basis					
	Interest on Loan			 	1	
				·	+	<u> </u>
	Total Loan			 	- 	1.
	Gross Loan - Opening					<u> </u>
	Cummulative payments of Loan				•	
	upto Previous Year	<u> </u>				
	Net Loan - Opening	 		 	<u> </u>	
	Add: Drawl(s) during the year	 			1	1
	Less: Repayment(s) of Loan	1				
	during the year	 				1
<u></u>	Net Loan - Closing	 				
<u> </u>	Average Net Loan	 				1
1	Rate of Interest on Loan on			1	`.	
1	Annual Basis	 				
	It toward on I day	1				1
	Interest on Loan Weighted Average Rate of			I		1

^{*} In case of Foreign Loans, the calculation in Indian Rupee is to be furnished. However, the calculation in Original currency is also to be furnished separately in the same format

Name of Generating Company Name of Generating Station Form: F- 9.3 Calculation of Interest on Normative Loan

				(Figures in Rs Crore)	
Particulars	Previous Year (n-1) Current Year (n)	Current Year (n)	Enguing Ýear (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
		,	Projected	Projected	Projected
Gross Normative Loan - Opening	•		,		
Cummulative payments of Normative Loan upto		;			_
Previous Year			,		
Net Normative Loan - Opening	r				
Increase or Decreasedue to ACE during the year					
Less: Repayment of Normative Loan during the year					
Net Normative Loan - Closing					-
Average Normative Loan					
Weighted Average Rate of Interest on Actual Loan				•	
on Annual Basis					
Interest on Normanye Loan					

amed for ThermaskQue

Name of Generating Company Name of Generating Station

Form: F-10 A
Details of Interest on Working Capital for Gas/Liquid based Stations.

_		Descripent Vans (n. 1)	_	Comment Vance (-)		1			
S		וובאומתא ובשת (זו-ד)	ī	Current rear (n)		Ensuing Year (n+1)	Ensuing Year (n+1) Ensuing Year (n+2)	Ensuing Year (n+3)	
ž	Particulars	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated	Estimated	Estimated	Remarks
r	Landed Fuel Cost for One (1) Month								
4	corresponding to NAPAF						,		
٠	Liquid Fuel Cost for Half (1/2) Month								
7	corresponding to NAPAF								
en	O & M expenses - 1 month								
4	Maintenance Spares (20% of O&M Expenses)		,						
4	Recievables- 2 months of Capcity and Variable			-					
ח	Charges								1
9	6 Total Working Capital (1+2+3+4+5)								
7	7 Normative Interest Rate (%)								
Q.	-								
,	Normative Interest on Working Capital (6 X 7)	,		-					

Name of Generating Company Name of Generating Station Form: F-10 B
Details of Interest on Working Capital for Coal/Lignite based Stations

Ĺ			1						
ડ ;	L Particulars	Previous Year (n-1)		Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+3)	Ensuing Year (n+3)	
ġ		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Batimated)	Total (April -	Estimated	Estimated	Estimated	Remarks
-	Landed Cost of Coal/Lignite for One and Half (14s) Months for Pit Head Stations and Two (2) Months for Non-Pit Head Stations corresponding to NAPAF.	7					·	,	
77	2 Cost of Secondary Fuel for Two Months corresponding to NAPAF			Line of					
e e	O & Mexpenses - 1 month						,		
4	4 Maintenance Spares (20% of O&M Expenses)								
2	5 Recievables- 2 months of Capcity and Variable Charges								
φ.	6 Total Working Capital (1+2+3+4+5)								
7	Normative Interest Rate (%)								
**	8 Normative Interest on Working Capital (6 X 7)								

Name of Generating Company Name of Generating Station

ž											_		_	
1		Previous Year	Previous Year (p-5)	Previous Year (n-4)	Previous Year (p-3)	Previous Year (n-2)	Previous Year (n-1)		Current Year (n)	_	Ensuing Year (n+1)	Enseming Year (n+2)	Ensuing Year (n+3)	
si Ž	Perticulars	Actual / Audited	Actual / Audited	Actual / Audited	Actual / Audited	Actual / Audited	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April- March)	Estimated	Estimated	Estimated	Remarchs
ন	Repair and Maintenance Expenses													
1	Plants and Machinery		1											
1	Buildings					1								
	Civil Works	_				_			·			,		
[Hydraulic Works													
1	Lines, Cables Net Works etc.													-
1	Vehicles												T	
1	Furnitures and Fixtures													
ı	Office Equipment & Other Items			•									1	
1	Consumption of Stores and Spares													
1	- Related to Generator, turbtines and Accessories										ľ			
1	- Related to Auxiliary Electrical Equipment												-	1
1	- Related to Auxiliary Equipment & Services for Power Station													
1	Sab-Total			•										
1				. :										
酒	Administrative Expenses										j.			
ı	- Insurance									1				
1	Rent									1				
1 :	- Rectricity Charges													
_1	- Travelling and conveyance											-		
1	Suffice									1		-		
1	- Telephone, telex and postage						-							
L.,	- Advertaing													
Ц.,	- Entertalument								-	-				
L	- Corporate regaint expenses													
1	- Legal Expenses													
ـــ	- Others (specify elements)									+				
ـــ	Sub-Total									-				
v	Employee Cost											-		
1	- Basic Salarios									-				
	- Dearness Allowance							1		-				
لـــٰـــ	- Other Allowances									+		-		
لب	- Bonus													
	- Staff welfare expenses									-				
Щ.	- Medical Allowances		_					-}						
<u> </u>	- Others Expenses (specify elements)									_		_		
í														

		Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (p-3)	Previous Year (n-2)	Previous Year (n-1)		Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
ń ź	Particulars	Actual / Audited	Actual / Audited	Actual / Audited	Actual / Audited	Actual / Audited	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated	Estimated	Estimated	Remarks
L	- Terminal Benefits					1	1	+-						
<u> </u>	Sub-Total													
ਚ	Corporate Office expenses Allocated													
L_	- Employee expenses						-	-						
	- Repair and maintenance													
	- Training and Recruitment							-		-				
L	- Communication		-											
	- Traveling												-	
	- Security							-			`			
	- Rent							-						
	- Others (specify elements)													
	Sub-Total			<u> </u>										
	Total O&M Expenses							-				-		
	Less: O&M Expenses Capitalised							-			-			
	Net O&M Expenses								 					

Notes 1: (1) The process of allocation of corporate expenses to generating stations should be specified.

(ii) The data should be certified by statutory auditors.

Name of Generating Company Name of Generating Station Forms P.11.1 Details of Repair & Maintenance Expenditure

Ensening Year (n+3) Projected Ensuing Year Ensuing Year (n+1) Projected Projected Total (April -March) Current Year (n) Oct-Mar (Sethnated) Previous Year to Previous Year to Previous Year to Previous Year to Previous Year to Previous Year to 3) 21 21 (Actuals (Actuals (Actuals Audited) Audited) Audited) Audited) Audited) Audited) Related to Austitern Equipment & Services for Power Station - Related to Cenerator, turbines and Accessories - Related to Auxidiary Dectrical Equipment Particulars Station Supplies, Stores and Consumables Hotel 4 Hydranik Works
5 Lines, Cables Net Works etc. Permittee and Photores 1 Plant and Machinery 12 Less: Ceptableston Pediding Chrit Works 2.5

Name of Generating Comp. Name of Generating Station

SNP Particulars Particul	N 2 1			_											
Shope Pericular Archited	0 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)		urrent Year (n)		Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
Employee's Care (Other Than Covered in C&D') Sabries	10 4 10 0 10 10 10 10 10 10 10 10 10 10 10 1	Particulars	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Andited)	(Actuals/ Andited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
1 Staries 2 Additional Pay / Dermese Allowance (DA) 3 Index Allowance & Relief 4 Index Allowance & Relief 5 Honoratium/Overtime 5 Honoratium/Overtime 6 Stanien's being Estation 1 Index Estation 2 Three Assistance 3 Leve Tree Assistance 4 Eurned Leve Tree Assistance 5 Eurned Leve Estation 6 Stanien's 6 Stanien's 7 Any Other Item 8 Eurned Contribution 9 Eurned Estation Estation 1 Evertite And Estation 1 Evertite Estation 1 Evertite End Estation 2 Provision for PF Fund 3 Estation Estation 4 Estation Estation 5 Estation Estation 6 Estation Estation 7 Estation Estation 8 Estation Estation 9 Estation Estation Estation 1 Evertite Estation Estation 1 Estation Estation Estation Estation 1 Estation Estation Estation Estation Estation 1 Estation Est	004000	e's Cost (Other Than Covered in 'C'&'D')													
000000000000000000000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0											Ţ			
8 4 10 9 7 7 7 9 7 7 9 7 9 7 9 7 9 7 9 7 9 7	8 4 5 9 1 1 2 8 4 5 9 7 8 1 1 1 2 8 9 1 1 1 2 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	il Pay / Dearness Allowance (DA)													
# U O U I U W W U U V W W U U W W W U W W W W W W	3 2 2 1 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	owances & Relief													*
1	3 7 7 8 7 9 7 8 9 1 8 9 1	elief / Wage Revision													-
9 7 7 7 8 7 7 7 9 7 7 9 9 7 7 9 9 9 9 9	9 7 8 7 8 7 7 8 9 7 7 8	um/Overtime							-						
7 7 8 4 5 9 7 8 11 7 8	3 2 1 8 4 3 2 1 3 2 1	bonus/ Ex-gratia													
7 7 7 7 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	3 2 1 8 4 3 2 1 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	-			: .										
3 2 1 8 4 2 2 1 3 2 3 1 3 3 3 3 3 3 3 3 3 3 3 3 3	3 2 2 1 8 7 7 6 5 5 1 1 3 2 2 1 1 8 1 3 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	55					.,					-			
3 2 2 3 2 4 3 2 4 3 5 4 3 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 2 2 1 8 7 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Expenses Reimbursement											i i i i i i i i i i i i i i i i i i i		
3 2 1 8 7 6 8 4 8	m 4 2 9 7 80 11 7 m	g Allowance(Conveyance Allowance)													
3 2 1 8 7 6 5 4	4 5 9 7 8 1 7 8 5	avel Assistance		,											
3 7 7 8 4 6 8	3 2 1 8 7 6 5	eave Encashment													
3 7 1 8 7 9	3 2 1 8 7 6	Under Workman's Compensation And					i								
3 3 5 1 8 2 7	3 2 1 8 2	d Electricity To Employees													
3 3 1 8	3 7 7	er Item					T								
3 2 1	3 2 1	fare Expenses													
3 2 1	3 2 1	ī.													
3 2 1	3 2 1	ice And Other Training Expenses													
1 2 8		tion To Terminal Benefits													
3 2		it Fund Contribution													
е .		n for PF Fund													
	Total	er Items													
	Grand To	otal													
		e expenses capitalised													
		Inves ermentes (FL(F)							-						

Remarks Ensuing Ensuing Year (n+2) Year (n+3) Projected Projected Ensuing Year (n+1) Projected Total (April-March) Current Year (n) Oct-Mar (Estimated) Apr-Sep (Actual) (Actuals/Aud (Actuals/Aud (Actuals/Aud (Actuals/Au (Actuals/Au ited) dited) dited) dited) Previous Year (n-1) Previous Year (n-2) Previous Year (n-3) Previous Year (n-4) Previous Year (n-5) Previous Year (n-6) Item Officer/Managerial Cadre 2 Administrative
3 Accounts and finance
4 Other (Please specify) 8 Others (please specify)
8.1 Grade I Accounts and finance Total Employees 6 Administrative
 B
 Staff Cadre

 5
 Technical

 5.1
 Grade I

 5.2
 Grade II

 5.3
 Grade II

 5.4
 Grade II
 Technica] 6.1 Grade I 6.2 Grade II 6.3 Grade III 6.4 Grade IV 7.2 Grade II 7.3 Grade III 7.4 Grade IV 8.2 Gnde II 8.3 Grade III 8.4 Grade IV 7.1 Grade I S. No.

B. Details of number of employees

Remarks Enguing Year (n+3) (Rs. Crore) Projected Ensuing Year (n+2) Projected Francing Year (n+1) Projected Total (April -March) Current Year (n) Oct-Mar (Estimated) Previous Year Previous Year (n-2) (Actuals/ Andited) (Actuals/ Audited) Previous Year | F (n-3) (Actuals/ Audited) Previous Year (n-4) (Actuals/ Audited) Previous Year (n-5) (Actuels/ Audited) Previous Year (n-6) (Actuals/ Audited) Vehicle Expenses (Other Than Trucks And Expenses Petrol And Oil Delivery Vars) Advertisement Expenses (Other Than Purchase Related) Exhibition & Demo. Plant And Machinery Vehicles C Legal Charges
D Anathor's ReE Material Related Expenses
I Freight On Capital Squipments
1 Protose Related Advertisement Expenses
3 Vehicle numing and Intring expenses (Truck/ Delivery Van)
4 Other Freight Hiring Of Vehicles Contributions/Donations To Outside Institutes / Associations
 Electricity Charges To Offices Security / Service Charges Paid To Outside Agencies
 Sub-Total At I I to 12)
 B Other Charges
 Printing And Subscriptions Books And Periodicals
 Printing And Subscriptionsry 2 insurance
3 Revenue Starmp Expenses Account
4 Telephoren, Postage, Telegram & Teles Charges
5 incentive & Account of Employees/Outsiders
6 Constitutory Charges
7 Technical Fees
8 Other Professional Charges
9 Conveyance And Travelling Details of Administration & General Expenses Particulars License And Registration Fee Of 5 Transit Insurance
6 Octroi
7 Incidental Stores Expenses
8 Febrication Charges
Sub Total Tr (1 To 8) F Grand Total (A To E)
G A&G expenses capitalised
H Net A&G Expenses (F-G) A Administrative Expenses 6 Water Charges
7 Entertainment Charges
8 Miscellaneous Expenses
Sub-Total 'B' (1 To 8) Rent rates and taxes
Lease / Rent
Rates & Taxes Norm: F11.3 Š

Name of Generating Company Name of Generating Station

Name of Generating Company
Name of Generating Station
Form: F-12
Non Tariff Income

SI.	10 pt - 10 pt	Previous Year (n-1)		Current Year (n)	r (n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
Ž	Description	(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
					-			
Ą	Income from Investment, Fixed & Call Deposits						^	
T	1 Interest Income from Investments			-				
2	2 Interest on fixed deposits						iu.	
60	3 Interest from Banks other than Fixed Deposits	, , , , , , , , , , , , , , , , , , ,						•
4	4 Interest on (any other items)							
	Sub-Total							-
_							/	
В	Other Non Tariff Income							
1	1 Interest on loans and Advances to staff				-			
7	2 Interest on Loans and Advances to Licensee							
6	3 Interest on Loans and Advances to Lessons							
4	4 Interest on Advances to Suppliers / Contractors							
ιΩ	5[Income from Trading (other than Electricity)							
9	6 Gain on Sale of Fixed Assets							
	7 Income/Fee/Collection against staff welfare activities							
000	8 Miscellaneous receipts							
2	9 Delayed payment charges from benefitiary	-						
10	10 Net profit from U I charges							
12	12 Penalty for contractor / supplier for delay etc.					-		
13	13 Misc. charges from benefitiary							
	Sub-Total							
L	Total							

Name of Generating Company Name of Generating Station

Form: F- 13

Summary of Traing Up

Previous Year (n-1) for Final Truing Up

			•				(Ks. Crore)	
S. No.	Particulars	Approved	Actual	Deviation	Reason for Deviation	Controllable	Deviation Reason for Controllable Uncontrollable	
¥	Total Annual Fixed Charges							
	Interest on Loan (Including Interest on Normative Loans)							
7	Depreciation							
£	Lease Charge							
4	Return on Equity							
r.	O&M Expenses		,					
۵								
-	7 Secondary Fuel Cost		7					
∞	Income Tax							
۰	Gross Annual Fixed Charges (1+2+3+4+5+6+7+8)	,						
Ŗ	.10 Less; Other Income (provide details)							
Ħ	11 Net Annual Fixed Charges (9-10)							
m	Energy Charges (Primary Fuel Cost)							
υ	C Revenue from Sale of Power					·		
C	(A_B()) (can) (can) (can)	_					,	

Note: Please give detailed explanation separately for the deviations on account of uncontrollable factors

Current Year (n) for Annual Performance Review

							(Rs. Crore)
ž	Particulars	Approved	Revised Estiantes based on Half Year Deviation Acutal Performance	Deviation	Reason for Devlation	Controllable	Uncontrollable
¥	Net Annual Fixed Charges						
7	Depreciation		ŗ				
60	Lease Charge						
4	Return on Equity						
ß	O&M Expenses						
ما	Interest on Working Capital						-
~	7 Secondary Fuel Cost	,					
∞	Income Tax		٥				
م	Gross Annual Fixed Charges (1+2+3+4+5+6+7+8)		•				
유	Less; Other Income (provide details)		•				
11	Net Annual Fixed Charges (9-10)						
				•			
æ	Energy Charges (Primary Fuel Cost)						
U	C Revenue from Sale of Power						
a	D Surplus/(Gap) (C-B-A)						

the Please give detailed explanation separately for the deviations on account of uncontrollable factors

Ensuing Year (n+3) Eneming Year (n+2) Projected Ensuing Year (n+1) Projected Total (April -March) Current Year (n) Oct-Mar (Betimated) Previous Year Previous Year (n-2) (Actuals/ Andited) (Actuals/ Audited) Previous Year 1 (n-3) (Actuals/ Audited) Previous Year (n-6) (Actuals/ Andiffed) Previous Year (n-5) (Actuals/ Audited) Previous Year (n-6) (Actuals/ Andited) Advertisement Expenses (Other Than Purchase Related) Exhibition & Demo. Vehicles Running Expenses Petrol And Oil Plant And Machinery Vehicles 4 Contributions/Donations To Outside Institutes / Associations
5 Electricity Charges
6 Water Charges
7 Electricity Charges
8 Miscellamous Expenses
9 Sub-Total 'B' (I To 8)
C Legal Charges
D Additor's Res
E Marteil Related Expenses
1 Freight On Capital Equipments
2 Purchase Related Advertisement Expenses
1 Freight Charges Related Advertisement Expenses
3 Verbase Related Advertisement Expenses
4 Other Preight
5 Transit Insurance
5 Transit Insurance Hiring Of Vehicles Security / Service Charges Paid To Outside Agencies Sab-Total Av (t To 12)
 Other Charges
 Other Charges
 He And Subscriptions Books And Periodicals
 Printing And Settlonery Insurance
 Revenue Stamp Expenses Account
 Telephone, Postage, Telegram & Telex Charges
 Incentive & Award To Employees/Outsiders
 Consultancy Charges Details of Administration & General Expenses Vehicle Expenses (Other Than Trucks And Delivery Vans) Perticulars License And Registration Fee Of 7 Technical Rees
B Other Professional Charges
Conveyance And Travelling Octroi incidental Stores Expenses 3 Pebrication Charges Sub Total TE (1 To 8) F Grand Total (A To B)

G A&C expenses captulised

H Net A&G Expenses (F-C) Administrative Expenses Rent rates and taxes Lease / Rent Rates & Taxes Form: F-11.3 Š

Name of Generating Company Name of Generating Station

Summary of Aggregate Revenue Requirement

Form: F - 1.1

. [(Figures in Rs Crore)	
Z Z		Previous Year (n-1)		Current Year (n)	Year (n)	Ensuing Year · (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
	ramouars	(Actuals/Audited) (Actual)		Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
۲	2	4	ıc	9	7 = 6+5	α	,	S.	
1	Receipts							AT .	11
a							,		
Ą									
U	Operating Charges								
ם.	Grants and Other Contributions by Government	,			1				
a	Other Receipts & Income								
	Total								
7	Expenditure								
rđ	O&M Expenses								
q	Depreciation			-					
כ	Interest & Finance Charges								
þ	Interest on Working Capital								
Ð	Lease Charges								
۳	- 1							-	
	Total								
•									
. D	Surplus(+)/ Shortfall(-): (1)-(2)				•				
,	0.00								
#	AOL								
	7			-					
n.	Annual Revenue Requirement (2)+(4)								

Form: F-2.1 Summary of Revenue and Other Income

		Previous Year (n-1)		Corrent Year (n)		Ep	Ensuing Year (n+1)	=	H	Ensuing Year (n+2)			Ensuine Year (a+3)	1	7
S.	Particulars	(Artista/Anditond)		Total Revenue		Aumai	StDC	Octal SLDC	nnuel STDC	N.D.C. Onerathus	Total	America St. The		2017	
	¥ .		Apr-Sep (Actual)	Oct-Mar (Betimaked)	April - March		Operating Operating	changes F	re & Charges	charges Fee & Charges Charges Charges	Charges	Fee & Charges	Fee & Charges Charges Charges	Charges	Kemang
_	2	3	5	9	7	æ		ş		5	ļ				
1	Fee and Charges for System Operation					†		*	1	4	3	ř	5	16	12
	Discomi						1	1	1						
٩	Discom 2							+							
u	Discom 3														
-	Cerestine Co. 1					1	1								
-	Generating Co. 2									-					
Ĺ	Cenerating Co. 3								1		,				
2	Other Long term users (Please specify)						+	+							
							†				,				
2	Charges for decision support system and IT Infrastructure						†	+							
	Discomt						1								
4	Discom 2							+	1						
٥	Discora 3			,			1	1							
70	Generating Co. 1														
ŭ	Generating Co. 2					 	Ì	-							
7	Generaling Co. 3								†						
<u>.</u>	Other Long term users (Flosse specify)							,					/		
- 1							-								
~	Operating charges for Scheduling, Metering and Settlemen	Jt.													
	Discomi														
	Director 2 ·					-									
,									-						
	Constating Co. 1														
	Tracking companies						1							,	
ń	Captive users					+	+	1	1	•					
Ť	Other third party transactions					ł	ļ	+							
Ť	Any other user (Please specify)													-	
7							<u> </u>							1	
-	Grant and other contribution by Government														
7									- -			T		Ī	
	Chaler 1879 extra							_							
	Consultancy services					-	-	-							
	Manpower development						-							1	
٦	Miscellaneous Receipt					-			1						
4								Ì	†						
4	6 TOTAL (1+2+3+4+5)					-	ŀ	-						1	

Form F-2.2 Cepital Contribution, Grants, Subsidies

			,					(Rightness in Re Canan)	
S. No.	Particulare	Previous Year (n-1)		Current Year (n)		Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+3)	Ensuing Year (n+2)	Ensuing Year (n+3)	
	.	(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	(Actuals/Audited) Apr-Sep (Actual) Oct-Mar (Estimated) Total (April - March)	Projected	Projected	Periodod	Remarks
-	6		,				-	ייסופריבת	
ĺ		,	4	5	6 = 4+5	7	=0	6	٩
ŀ									Ţ
-	Subsidy towards cost of Capitals Asset								
4	Grant towards cost of Capitals Assets								
،									
າ	S Receipts from State Govt. under any scheme as grant/subsidy	-			-	,			
									_
	Total (1+2+3)								

Form: F - 3

Operation and Maintenance Expenses

Ł							•	(Figures in Rs Crore)	Crore)
	Particulars	Previous Year (n- 1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
		(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep Oct-Mar Total (April - (Actual) (Estimated)	Projected	Projected	Projected	Remarks
	. 2	60	4	и	377-9	1	,	,	
Į.	Employee Expenses		•	>	C.F.O	,	Ω	6	10
1	ייריט כב באר הארים יים (איד יי								
ĕ	Administration and General Expenses	SS							
Re	3 Repair & Maintenance Expenses								
片	Total								
İ									

		Description Value (p.	Description Van (n. Drawing to Van (n. E	revious Year (n-	revious Year (n. Previous Year (n. Previous Year (n. Previous Year (n.	Previous Year (n-	Previous Year (n-		Current Year (n)	r (n)	Ensuing	Ensuing	Enauling Year	
		FIEWDOWS 1 SME (III.	(9)	4	33	tz.					Year (n+1)	1000	(Sun)	Remarks
v Ö	Particulars	(Actuals /	(Actuals /	(Actuals /	(Actuals /	(Actuals /	(Actuals / Audited)	Apr-Sap (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated.	Estimated	Estimated	
		Audited)	Audited)	August)	9	7	Н	6	Q.	11= 9+10	7.7	23	14	2
	2	2		,	-									
Employee's Cost (Employee's Cost (Other Than Covered in TV' & 'V')													
Salaries														
2 Additional Pay /	Additional Pay / Desmess Allowance (DA)													
т	4. Polinf													
7													-	
7	Age Nevision													
5 Honorarium/Overtime	rttore													
6 Statutory bonns / Ex-gratia	Ex-gretis													
Sub-Total														
TI College Contis														
Т	Dalming													
_	Tennana and an an an an an an an an an an an an an													L
2 Traveling Allows	Imveling Allowance(Conveyance Allowance)						-							1
3 Leave Travel Assistance	etance											_		
4 Load Despatch Allowance	Nowarce													
	nahment													
1	Payment Under Workman's Compensation and Gratuity													
1														
R Armens to Wage Revision	Revision													
Т														
1														
TT Ammendice And	A semination And Other Training Expenses													
	S. Seed Contained on To PE Staff Penelon And Cretain													
														_
Т	onterbution													
Т	p.m.													
T														
T	Gratuity Payment on super annuation							1						-
Т	Fund. If any							1					<u></u>	
Т	Ann attent terminal benefit Preschment)							\int						_
Ţ								\prod						_
Т										 -		-		-
														L
V Incentive Payment	ıt				4									_
٦.														
VII Grand Total II + II + III + IV + V	H+III+IV+V]													<u> </u>
								1						L
VII Less Expenses Capitalised	tyftaltsed													-
								ļ	i				-	

Β	B. Detalls of number of employees													7
L		Previous Year (n- 6)	Previous Year (n. Previous Year (n. 5)	Previous Year (n-	Previous Year (n. Previous Year (n. 3) 2) 1)	Previous Year (n-2)	Previous Year (n- 1)	-	Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+2)	Emswing Year (n+3)	
c X V	io.	(Actuals/Andited)	(Actuals/Audited) (Actuals/Audited)	(Actuals/Andited) (Actuals/Andited)	(Actuals/Audited)	(Actuals/Andited)	(Actuals/Andited) (Actuals/Andited) Apr-Sep (Actual)		Oct-Mar Estimated) (Oct-Mar Total (Estimated) (April - March)	Projected	Projected	Projected	Remarks
_												-	₹ -	
_	Officer/Managerial Cadre		,									-		7
_	Technical													1
7														
e														
4								1						
_														
m	Stadf Cadre							-		,				
3								+						
12	Grade I							+						
13	Grade II													1
3	5.3 Grade III			,										
S	Grade IV								-					
L								+						
۰	Administrative							-		,				
	6.1 Grade I							-			-	,		
3	Cracke II			,				+						
3	Grade III													
2	6.4 Grade IV													
_								-						
_	7 Accounts and finance													
12	7.1 Grade I													
2	72 Grade II											1		
73	3 Grade Ⅲ						1	-						
7,4	Cracke IV												ŀ	
_					-			-			-			
~	8 Others (please specify)													
2	8.1 Grade I							-	-	-				,
2	8.2 Grade II							-					:	
5	8.3 Grade III													
8.4	Grade IV							1]	
	Total Employees							7				-	,-	7

2

Form: F - 3.2

			,	Year Previous Year Previous Year	Previous					Fortigo		Ensuing	
	Previous Year Previous (n-6) (n-5		Pravious Year (n-4)	(? L)	Year (n-2)	Previous Year (n-1)	Ö	Current Year (n)		Year (n+1)	Year (n+2)	Year (n+3)	Remarks
Particulars	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
												-	
4													
uno									Į,				
& Telex Charges						1							
ea/Outsiders													
											,		
Vehicles Durning									-				
			_										
													:
Vehicles													
Id To Outside Agencles													
And Periodicals													.
er Than Purchase Related)													
utalde institutes / Associations													
		,											
				4									
											,		
									_				
45													
ant Expenses													
senses (Truck/ Delivery Van)													
									-	-		_	
									-				
											ļ		
The second secon	Line to the second									-			
Avertue Stamp Expenses Acc Telephone, Postage, Telegram moentive & Award To Employe Consultancy Charges Conveyance And Travelling Conveyance And Travelling Conveyance And Travelling And Delivery Vans) Security / Service Charges Pal Security / Service Charges Pal Security / Service Charges Pal Security / Service Charges Fee And Subacriptions Books. Advertisement Expenses (Oth Confibutions/Constone To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacriptions To Offices Fee And Subacription Charg	ount A. Toucks I Toucks Inches (Tucks Inches (T	Avertice Expenses Account Telephone, Postage, Telegram & Telex Charges Tocaritivo & Award To Employees/Outsiders Tocaritivo & Award To Employees/Outsiders Tocaritivo Charges Conveyance And Travelling Technical Fees Conveyance And Travelling Technical Fees Conveyance And Travelling Technical Fees Conveyance And Travelling Technical Fees Conveyance And Travelling And Delivery Vans) Technical Fees Conveyance And Travelling And Delivery Vans) Technical Fees Conveyance And Travelling And Delivery Vans) Technical Fees Fee And Subscriptions Books And Penodicals Fee And Subscriptions Books And Penodicals Fee And Subscriptions Books And Penodicals Fee And Subscriptions Books And Penodicals Feel And Subscriptions To Outside Institutes / Associations Contributions/Donations To Outside Institutes / Associations Contributions/Donations To Outside Institutes / Associations Electricity Charges Sub-Total 'B' (1 To 8) Contributions/Donations of Offices Sub-Total 'B' (1 To 8) Avertice Expenses Feelph On Captal Expenses Feelph On Captal Expenses Feelph On Captal Expenses Sub-Total 'B' (1 To 8) Grand Total (A To E) A&G expenses capitalised Net A&G expenses Captalised Net A&G expenses (F-G)	ount of Trucks Machinery In Trucks Machinery Vehicles Vehicles Vehicles Vehicles Vehicles Vehicles Vehicles And Oil Hirting Of Vehicles And Periodicals And Periodicals And Periodicals for Coutside Agencies for Than Purchase Relation) for Than Purchase Relations for Than Purchase Relat	And friency less Running sess Petrol DII files friency Van) very Van)	And freety less Running less Running less Running less Runding lof less freets less cociations lessociations les les les les les les les les les le	And freety less Running less Running less Running less Runding lof less fredies freety Van)	And freety less Running less Running less Running less Runding lof less fredies freety Van)	And freety less Running less Running less Running less Runding lof less freets less cociations lessociations les les les les les les les les les le	And freety less Running ses Petrol DII less Petrol DII less Petrol DII less Petrol DII less procession less procession less procession less procession less procession less procession less procession less procession less procession les procession	And freety less Running sess Petrol DII less Petrol DII less Petrol DII less Petrol Sesociations (of less Petrol DII less Petr	And freety less Running sess Petrol Jul 10 of less Petrol Jul 10 o	And freety less Running sess Petrol Jul 10 of less Petrol Jul 10 o	And freety less Running sess Petrol DII less Petrol DII less Petrol DII less Petrol Sesociations (of less Petrol DII less Petr

Repair & Maintenance Exper

												(Figures in Rs Crore)	(Sore)	
		Previous Year (n-5)	Previous Year (n-6)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Pravious Year (n-1)	S.	Current Year (n)		Ensuing Year (n+1)	Eneuing Ensuing Year (n+3)	Ensuing Year (n+3)	Remairce
S.No	Particulars	(Actuels / Audited)	(Actuals / Audited)	(Actuals / Audited) (Actual	(Actuals / Audited)	als / Audited) (Actuals / Audited). (Actuals / Audited) Apr-Sep (Actual)	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mer (Estimated)	Total (April - March)	Projected	Projected	Projected	
							9	ç	11 = 9+30	12	13	75	135	
-	2	4	5	9	,	*	,	a.	***					
-	Buildings and structures / civil works													
~					•								1	
ţo	Oubles & network												-	
•	Communication equipments													
2	Airconditioning plant													
۵ ا	6 Furniture & Fixtures													
7	Office equipments													
∞	Vehicles								'					
•	Assets taken over and pending													
12	10 Misc. Equipment / terms			-										
	Total Chargeable to R&M works	-												

Form: F - 3.4

Summary of Expenses Capitalised

Remarks 12 (Figures in Rs Crore) Ensuing Year (n+3) Projected Ensuing Year (n+2) Projected Ensuing Year (n+1) Projected Total (April -March) 7=5+6 Current Year (n) (Estimated) Oct-Mar 9 Apr-Sep (Actual) Previous Year (n-1) (Actuals/Audited) 4 Employee expenses A & G Expenses R & M Expenses **Particulars** Grand Total Others, if any 4 / Depreciation S. So

Form: F - 4.1 Gross Fixed Asset Previous Year (n-1)

Actual/ Audited

(Figures in Rs Crore)

	_			Gross Fixe	d assets	<u>-</u>
S. No.	Particular	Rate of depreciation	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year
1	2	3	4	5	6	7
1	Lands & Rights					
· 2	Buildings and structures / civil works					
3	Plant & Machinery		<u> </u>			
4	Cables & network					
5	Communication equipments	<u> </u>				
6	Airconditioning plant					
7	Furniture & Fixtures					
8	Office equipments					
9	Vehicles					
10	SCADA and IT system		<u> </u>			
11	Other equipmment					
	Total	•				

Current Year (n)

Actual/Estimated

				Gross fixe	ed assets	
S. No.	Particular	Rate of depreciation	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year
1	2	3	4	5	6	7
1	Lands & Rights		,			
2	Buildings and structures / civil works					
3	Plant & Machinery					
4	Cables & network					
5	Communication equipments				**	ļ
6	Airconditioning plant					
.7	Furniture & Fixtures			ļ	ļ	
8	Office equipments					
9	Vehicles					
10	SCADA and IT system					
11	Other equipmment		,			
	Total				3 .	

Ensuing Year (n+1)

				Gross fixe	d assets	
S. No.	Particular	Rate of depreciation	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year
1	2	3	4	. 5	6	7
1	Lands & Rights					
2 ·	Buildings and structures / civil works				ļ	
3	Plant & Machinery					
4	Cables & network				<u> </u>	
5	Communication equipments					
6	Airconditioning plant				ļ	
7	Furniture & Fixtures				<u> </u>	
8	Office equipments	,	<u> </u>		<u> </u>	
9	Vehicles					<u> </u>
10	SCADA and IT system		9/1			
11	Other equipmment		* 1		<u> </u>	·
12	Other equipmment	· ·			<u> </u>	ļ
	Total			t	<u> </u>	<u> </u>

Form: F - 4.1 Gross Fixed Asset

Ensuing Year (n+2)

	7 T-1			Gross fixe	ed assets	
S. No.		Rate of depreciation	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year
_ 1	2	3	4	5	6	7
1	Lands & Rights ,				· · · · · · · · · · · · · · · · · · ·	
2	Buildings and structures / civil works			· · · · · · · · · · · · · · · · · · ·		
_ 3	Plant & Machinery					
4	Cables & network					
5	Communication equipments	-	·-··			
6	Airconditioning plant	 				
7	Furniture & Fixtures	1				
8	Office equipments			··········		
9	Vehicles					
10	SCADA and IT system					
11	Other equipmment	 				
		·				
	Total	 		`		

Ensuing Year (n+3)

•	1			Gross fixe	d assets	
S. No.	Particular	Rate of depreciation	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year
1	:_2	3	4	5	6	7
_1	Lands & Rights				· · · · · · · · · · · · · · · · · · ·	
2	Buildings and structures / civil works					
3	Plant & Machinery		·- · · · · · · · · · · · · · · · · · ·		<u> </u>	
4	Cables & network	*		** <u>.</u>		
5	Communication equipments					
6	Airconditioning plant				•	
7	Furniture & Fixtures					
8	Office equipments			· ·- · · · · · · · · · · · · · · · · ·		
9	Vehicles				**	
10	SCADA and IT system					
	Other equipmment		- , 			
		 				·····
	Total	+				

Form: F - 4.2

Asset-wise Depreciation

Balance of accumulated depreciation at the end of the year (Figures in Rs Crore) Withdrawls during the year Depreciation provided for the year Rate of depreciation at the beginning of the year Actual/ Audited Lands & Rights
Buildings and structures / civil works
Plant & Machinery Cables & network
Communication equipments
Airconditioning plant
Furniture & Fixtures Particular Vehicles SCADA and IT system Other equipmment Previous Year (n-1) Office equipments Total S. No.

Current Year (n)

Actual/ Estimated

(Figures in Rs Crore)		Apr-Sep (Actual) (Estimated depreciation at the end of the year	4	,															
(Figu	e year	Oct-Mar Estimated dep	, a	•															
	Withdrawls during the year		7																
	Depreciation provided for the year	Oct-Mar (Estimated)	9	,								_							
	Depreciation pro	Apr-Sep (Actual)	u,																
		Rate of depreciation at the beginning of the year Apr-Sep (Actual) Oct-Mar (Estimated)	4		,														
		Rate of depreciation	33																
		Particular	2	Lands & Rights	Buildings and structures / civil works	Plant & Machinery	Cables & network	Communication equipments	Airconditioning plant	Furniture & Fixtures	Office equipments		/encles	Verucles SCADA and IT sustem	SCADA and IT system	Vencies SCADA and IT system Other equipment	Vencies SCADA and IT system Other equipment	Vencies CADA and IT system Other equipment	Vencies SCADA and IT system Other equipment
	··	S. No.	1	1	2	3	4	5	9	7	8		<u> </u>					1 1 1 1	1 1 1 1

Form: F - 4.2

Asset-wise Depreciation

Ensuing Year (n+1)

					-	(Figures in As Crore)
S. No.	Particular	Rate of depreciation	Accumulated Depreciation at the beginning of the year year	Depreciation provided for the year	Withdrawls during the year	Withdrawls during Balance of accumulated depreciation at the end the year of the year
F	2	3	Ť	35	9	7
-	Lands & Rights			*.		
7	Buildings and structures / civil works					
6	Plant & Machinery					
4	Cables & network	1.				
ເດ	Communication equipments					
٥	Airconditioning plant					
-	Furniture & Fixtures			,		
∞	Office equipments	,		,		
6				,		
2						
Ξ	Other equipment					
	Total					

Ensuing Year (n+2)

	•					(Figures in Rs Crore)
S. Z.	Particular	Rate of depreciation	Accumulated Depreciation Accumulated Depreciation at the beginning of the year	Depreciation provided for the year	Withdrawls during the year	Withdrawls during depredation at the end of the year
1	2	3	4	5	9	7
F	Lands & Rights					
2	Buildings and structures / civil works				•.	
6						
4	Cables & network					
r.	Communication equipments					
9						•
7						
80						
6	Vehicles			,		
10	SCADA and IT system					
11	11 Other equipment		,			
	Total					

Form: F- 4.2

Asset-wise Depreciation

	Ensuing Year (n+3)					(Figures in Rs Crore)
S. No.	Particular	Rate of depredation	Accumulated Depreciation at the beginning of the year year	Depreciation provided for the year	Withdrawls during the year	Withdrawls during depreciation at the end of the year
-	2	3	7	5	9	7
,1	Lands & Rights					
~	Buildings and structures. / civil works					
က	Plant & Machinery					
4	Cables & network					
s	Communication equipments					
s	Airconditioning plant					
~	Furniture & Fixtures					
∞	Office equipments	,		,		
٥	Vehicles					
9	SCADA and IT system					
11.	Other equipment					
	Total					•

(Figures in Rs Crore)

Form: F - 5

Investment Plan for Next 3 Years

Total Project Cost | Ensuing Year (n+1) | Ensuing Year (n+2) | Ensuing Year (n+3) 2 Establishment of Training & System Studies Facilities at LD Centre 3 Development of Application Software for Operator Assistance Name of Scheme / Description of investment 5 Energy Accounting Balanceing & Settlement Mechanism. Enhancement of Real Time Data Acquisation Capability 7 Any other Investment (Please Specify) Effective Communication System 6 Infrastructural Development Total S. No.

Statement of Capital Expenditure

											(Figures in Rs Crore)	
,	FY of	Previous Year (n- 1)		Current Year (n)		Ensuding Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	Remarks	Total Expenditure Approved	Total Expenditure	
Particulars	Capitalisatio n	Actual / Audited	Apr- Sep (Actual	Oct-Mar (Estimated)	Total (April March)	Projected	Projected	Projected	+	+ by Competent Authority	Actually Incurred	Kemarks++
A) Expenditure Details								-				
Lands & Rights										ž.		
Buildings and structures / civil works	-								-	.		
Plant & Machinery												
Cables & network								4				
Communication equipments						•						
Airconditioning plant												
Furniture & Fixtures												
Office equipments												
Vehicles												
SCADA and IT system												
Other equipment											1	
											-	
Total (A)												
B) Break up of sources of financing						т,						
Rupee term Loan						_						
Dest						•				L		
Debt 2												
Foreign Currency Loan							-					_
Debt 1												
Debt 2												
****					,							
Equity												
In Rupees			-									
In Foreign Currency												
c) Others (Please specify)											,	
Total (B)											,	

Note: I) The break up wherever required and necessary may be given in respect of Loans and Equity financing supported with respective documentation.

il) Copies of Approval from competent authorities (if required) may be furnished in respect of cost of each Scheme, its components and scheme of finance.

iil) Remarks+: Explain for the causes of deviation if the actual expenditure during the current year is expected to be different from that approved by UERC or other authorised agencies

iv) Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or the authoridsed agencies

Form: F - 6.2

÷	Statement of Capital Works-in-Progress	rogress							(Figures in Rs Crore)	s Crore)
	,	Voor	Previous Year (n-1)		Current Year (n)		Ensuing Year (n+1)	Ensuing Ensuing Year (n+1) Year (n+2)	Ensuing Year (n+3)	Remarks
<u> </u>		T COURT	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected Projected	Projected	•
4	1 Opening balance of CWIP									
2	2 Add: New Investment									
L	Capital Expenditure								1	
	Expenses Capitalised					•				
	Interest During Construction								-	
60	3 Less: Investment Capitalised			- 1						
4	4 Closing balance of CWIP			-						

Note: i) Year 1 is the financial year closing after completion of Scheme.

Form: F - 7 Draw Down Schedule for Calculation

								(rigures in KS Crore)		
SI. No.	Draw Down		Quarter 1			Quarter 2	-		Quarter n (COD)	
- 	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee
-	Loans									
L	Foreign Loans									
Т				,						
1.1.1 F	Foreign Loan 1									
1	Draw Down Amount									
ľ	<u> </u>									
۳	Financing Charges									
宀	FERV									
٣	Hedging Cost	.								
7	1.12 Foreign Loan 1									
T	Draw Down Amount					-				
Τ	20									
f	Financing Charges									
T	FERV				,					
۲	Hedging Cost				,					
14	1.1.n Foreign Loan n									-
Γ	Draw Down Amount									
Γ	<u> </u>									
Ĺ	Financing Charges									
	FERV							,	-	
	Hedging Cost									
,										
1.1	Total Foreign Loans									
	Draw Down Amount									
	тС									
	Financing Charges									
	FERV							-		
	Hedging Cost									
	_	_					•		_	

, Z	Draw Dovern		Crostor 1			7				
1			August 1			Çuarıer 2			Quarter n (COD)	
	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee
17	Indian Loans									-
1.2.1	Indian Loan 1									
	Draw Down Amount									
	IDC		-				,			
1	Financing Charges									
1.22	Indian Loan 2									
	Draw Down Amount							•		
	ВC									
	Financing Charges									
				2						
1.2n	12n Indian Loan n									
	Draw Down Amount					•				
	IDC									
`	Financing Charges	`								
- 1										
17	Total Indian Loans			7					-	
	Draw Down Amount									
	DC									
	Financing Charges									
			i							
-	Total of Loans Drawn									
	IDC									
	Financing Charges									
	FERV									
	Hedging Cost									
2	Equity									
Т										
2.1	Foreign Equity Drawn									
	,									
22	Indian Equity Drawn									
- 1	,									
7	Total Equity Deployed						-			
			•		Į.					

}

Note: 1. Drawl of Debt and Equity shall be on pan passu basis quarter wise to meet the Completion schedule. Drawl of higher Equity in beginning is permissible.

2. Applicable Interest Rates including reset dates used for computation may be furnished separately.

Form: F. 8 Details of Capital Cost and Financing Structure

								(Figures in Rs Crore)	Crore)
	,	Previous Year (n- 1)		Current Year (n)		Ensuing Year (n+1)	Ensuing Year Ensuing Year (n+2) (n+3).	Ensuing Year (n+3),	
Year ending March	FY of Capitalisation	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
Basic Project Financial Parameters					,				
Capital Cost*					-				
Addition during the year									•
Deletion during the year			•						
Gross Capital Cost (A)									
Equity against Original Project Cost								,	
Addition during the year				,					
Equity Sub-Total (B)									
Debt outstanding against the original Capital cost		• .			,				
New Loans added during the year		:					,		,
Debt Sub-Total (C)								*	
Grants against original project cost				•					-
Addition during the year									
Grants Sub-Total (D)		7							
Total Financing (B+C+D)									

Note:

i) "Approved or Actual Capital Cost whichever is less.
ii) The equity and loan shall be divided into toreoin and domestic component it applicable.

Form: F - 9 Details of Financial Packages

Source of Funds	Amount in FC	Exchange Rate		Terms of Repayment	Grace	Interest Rate/ Return on Equity	Guarantee Commission	Amount in Terms of Grace Interest Rate/ Guarantee Upfront Fees/ Indian Currency Repayment Period Return on Equity Commission Exposure Premium	% of Total % of Total % of Debt Equity Total PC	% of Total Equity	% of Total PC
·	(Name of Currency) (Rs./FC)	(Rs./FC)	(Rs. in Crore)	(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Croze)	(%)	(%)	88
(A) Debt											
Foreign:								,			
Loan I										-	
Loan II											
Loan III											<u> </u> .
Loan IV etc.											
Indian:						-					
Loan I								, , , ,	1		
Loan II etc.									,		
Total Loan (A)			ŕ								
(B) Equity											
Foreign:											
Indian:											
Total Equity(B)											
(C) Grants											
Foreign:					-						
Indian:											
Total Grant (C)				٠,,							
Total Financing (A+B+C)							-				
Total Project Cost									-		

(289)

 (i) In case of projects having achieved COD: Financial package details, as admitted by the Competent Authority on COD of the Project, shall be furnished in the Format alongwith supporting documents.
 (ii) In case of projects which are yet to achieve their COD: Financial package details, as approved by the Competent Authority, shall be furnished in the Format alongwith supporting documents.
 (ii) PC- Froiest Corrency
 (iii) PC- Project Cost Note:

Form: F - 10.1 Statement of Outstanding Loans

Ra Loan Agency (Source of loan)	ate of interest (%) Actual/ Auditted	Repayment period (Years) Actual/ Auditted (3)	Rate of interest Repayment Balance at the period beginning of the (Years) year					_	
	Actual/ Auditted	Actual/ Audithed (3)		during the	_ 60	Principal redeemed during the year	frincipal Overdue at the year end	Principal Due at the year end	Remarks
		(6)	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	
(1)	<u>B</u>		(f)	9	(9)	ω	(8)=(6)-(7)	(9)=(4)+(5)-	(10)
A. Other than state								,	•
government									
Coen 1 (Name of lender)									
oen 2 (Name of lender)		1				,			
oen 3 (Name of lender), etc.									
Sub-Total (A)								,	
Government Loans									
1					-				
1,175									
Selv-Total (B)									
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)									

Current Year (n)								(Figures in Rs Crore)	(s Crore)
Loan Agency (Source of loan)		Repayment period (Years)	Rate of interest Repayment Balance at the period beginning of the (Years)	Amount received during the year	Principal due during the year	Principal Principal Principal due during redeemed Overdue at the year during the year the year end	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
(1)	ිස	(6)	· (y)	(3)	(9)	8	(8)=(6)-(7)	(9)=(4)+(5)- (6)	(01)
A. Other than state									•
f oan 1 (Name of lender)									
Joan 2 (Name of lender)									
Loan 3 (Name of lender), etc.								,	
Sub-Total (A)									
8. Government Loans									
[vpe]									
Type 2									
Type 3 etc.									
Sub-Total (B)								,	
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)									

Ensuing year (n+1)		-				,		(Figures in Rs Crore)	(s Crore)	
Loan Agency (Source of Ioan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks	÷ .
	Ectimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated		
(1)	(2)	(£)	(4)	(S)	(9)	8	(8)=(6)-(7)	(9) - (4)+(5)- (6)	(10)	
A. Other than state	r-s.	٠.	, ,						-	
Town 1 (Name of lender)										
Loan 2 (Name of lender)										
Loan 3 (Name of lender), etc.										
Sub-Total (A)										
B. Government Loans										
Type 1										
Type 2										
Type 3 etc.	-									
Sub-Total (B)										
Sub-Total (A+B)										
C. Normative Loans								,		
TOTAL (A+B+C)										_
Ensuing year (n+2)		•						(Figures in Re Crore)	Re Crore)	
	Rate of interest	Repayment	Balance at the	<		Principal to be	Principal	Principal Due of the		
Loan Agency (Source of Ioan)	(%)	yeriod (Years)	beginning of the year		the year	during the year	the year end	year end	Remarks	
	Estimated	Estimated	Estimated	Estimated	Estimated	, Estimated	Estimated	Estimated		
(1)	(2)	ව	(4)	(2)	(9)	9	(8)=(9)-(7)	(9) - (4)+(5)- (6)	(10)	
A. Other than state										
government										
Loan 1 (Name of lender)	-									
Loan 2 (Name of lender)										
Loan 3 (Name of lender), etc.										
Sub-Total (A)										
B. Government Loans		·								
Type 1										
Type 2										
Type 3 etc.				-						
Sub-lotal (b)										
Sub-10tal (A+b)										
C. Normative Loans										
IOIAL (A+B+C)	-									_

Ensuing year (n+3)				,				(Figures in Rs Crore)	& Crore)
Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Rate of interest period beginning of the received during the year year	Amount to be received during the year	Principal due during the year	Principal Principal to be Principal due during redeemed Overdue at the year during the year end	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
E .	(2)	(2)	(4)	(5)	(9)	ω	(8)-(6)-(7)	(9) - (4)+(5)- (6)	(10)
A. Other than state									
government									
Loan 1 (Name of lender)			, P	,					
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									
Sub-Total (A)									
B. Government Loans									
Type 1								,	
Type 2									
Type 3 etc.									
Sub-Total (B)									
Sub-Total (A+B)		,							
C Normative Loans									
TOTAL (A+B+C)								,	

Note: i) in case reschedulement of any loan has been undertaken, the farms of reschedulement to be specified clearly, through an attachment alongwith copy of the letter from the Lender outlining the farms of Re-scedulement.

ii) Any Loan not allocated to any specific Scheme and not forming part of Appoved Financial Package, to be shown separately, with reasons thereof.

iii) The original Financing Plan and the cumulative repayment as per the Original Financing Plan to be outlined for each Loan.

iv) For current year, Loans already drawn and the loan proposed to be drawn by end of year to be shown saparately.

v) Any new toen from existing or new lenders to be identified separately as a Loan.

In case of Foreign Currency Loans, data to be provided in the currency of borrowing alongwith the name of the currency...

Form: F - 10.2

Calculation of Weighted Average Interest Rate of Interest on Actual Loans *

(Figures in Rs Crore) **Ensuing Year Ensuing Year** Previous Year **Current Year** Ensuing Year (n+3) S.No. **Particulars** (n+1) (n+2) (n-1)(n) Projected Projected Projected Loan 1 Gross Loan - Opening Cummulative payments of Loan upto Previous Year Net Loan - Opening Add: Drawl(s) during the year Less: Repayment(s) of Loan during the year Net Loan - Closing Average Net Loan Rate of Interest on Loan on Annual Basis Interest on Loan Loan 2 Gross Loan - Opening Cummulative payments of Loan upto Previous Year Net Loan - Opening Add: Drawl(s) during the year Less: Repayment(s) of Loan during the year Net Loan - Closing Average Net Loan Rate of Interest on Loan on Annual Basis Interest on Loan Loan n Gross Loan - Opening Cummulative payments of Loan upto Previous Year Net Loan - Opening Add: Drawl(s) during the year Less: Repayment(s) of Loan during the year Net Loan - Closing Average Net Loan Rate of Interest on Loan on Annual Basis Interest on Loan Total Loan Gross Loan - Opening Cummulative payments of Loan upto Previous Year Net Loan - Opening Add: Drawl(s) during the year Less: Repayment(s) of Loan during the year Net Loan - Closing Average Net Loan Rate of Interest on Loan on Annual Basis Interest on Loan Weighted Average Rate of Interest on Loans

^{*} In case of Foreign Loans, the calculation in Indian Rupee is to be furnished. However, the calculation in Original currency is also to be furnished separately in the same format

Form: F - 10.3 Calculation of Interest on Normative Loan

				(Figures in Rs Crore)	Crore)
Dartienlare	Previous Year Current Year	Current Year	Ensuing Year	Ens	Ensuing Year
ו פווירתומום	(n-1)		(n+1)	(n+2)	(n+3)
	(** +)	(++)	Projected	Projected	Projected
	•				
Gross Normative Loan - Opening					•
Cummulative payments of Normative Loan upto					
Previous Year					
Net Normative Loan - Opening					
Increase or Decreasedue to ACE during the year					
Less: Repayment of Normative Loan during the year					
Net Normative Loan - Closing					
Average Normative Loan					
Weighted Average Rate of Interest on Actual Loan on					
Annual Basis					
Interest on Normative Loan		,			

(Figures in Rs Crore)

Form: F - 11

Working Capital Requirement

2	Dockie	Previous Year (n-1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year Ensuing (n+1) (n+2) Year (n+3)	Ensuing Year (n+3)	
		(Actuals/Audited)	s/Audited) Apr-Sep (Actual)	Oct-Mar (Estimated	Oct-Mar Total (April -	Projected	Projected	Projected	Remarks
1	O&M expenses (equivalent to 1 month)			\ \ \					
٠	Maintenance Spare (15% of operation and			:					
7	maintenance expenses)								
3	Receivables (Two months of SLDC Charges)								
٧									
4	Total Working capital								
5	Interest Rate (State Bank Advance Rate (SBAR))								
								-	
9	Interest on Working capital								

Form: F - 12

RLDC Fees and Charges

Remarks (Figures in Rs Crore) Ensuing Year (n+2) (n+3) Projected **Projected** Ensuing Year (n+1) Projected Total (April -March) Current Year (n) Oct-Mar (Estimated) Apr-Sep (Actual) Previous Year (n-1) (Actuals/Audited) 5 Other Costs (related to RLDC), if any Grand Total **Particulars** 3 ULDC Scheme charges 1 NRLDC Fees
2 NRLDC Charges 4 NRPC Charges S.No.

IXES		
9		
j		

L.												
ý.	Darficulare	Current Year (n)	Ens	Ensuing year (n+1)		Ens	Ensuing Year(n+2)		国 ·	Ensuing Year (n+3)	(6+4	
ž		Provisional	Annual SLDC Fee & . Charges	SLDC Operating Charges	Total SLDC Charges	Annual SLDC Fee & Charges	SLDC	Total SLDC Charges	Annual SLDC Fee & Charges	SLDC	Total SLDC Charges	Remarks
-	Fee and Charges for System Operation						3		,	Charges		
=												
٩	Discom 2											
u	Discom 3											
70	Cenerating Co. 1											
۳	Generating Co. 2					-			,			
_									1			
T	Other Long term users (Please specify)											
_												
~	Charges for decision support system and IT Infrastructure											
_	1											
م	Discom 2					1			•			
٢	Discom 3				-		1					
7							1				~ ~ /	
ű											-	
4												
P					+		-					
نه												
33												
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۳						-						
۳	- 1				-		+					
	Generating Co. 3					-						
•	- 1					1	1	+				
٥	\neg								+			
۲	Other third party transactions											
0	Generating companeis		i					-				
ئە				-								
				-			+					
	7.04.2				~					_		

orn: F-13.1

Form: F - 13.2

Revenue from Proposed Fee and Charges in Ensuing Years

(Figures in Rs Crore)

			Ensuing year (n+1)	(n+1)		Ensu	Ensuing Year(n+2)	~	Enst	ensumg Year (n+3)		,
S. No.	Particulars	Proposed Charges	Annual SLDC Fee & Charges	SLDC Toperating Charges	Total SLDC S	Annual SLDC Fee & Charges	SLDC Operating Charges	Total SLDC Charges	Annual SLDC Fee & Charges	SLDC Operating Charges	Total SUDC Charges	Remarks
	Fee and Charges for System Operation				-							
0	Discom1						,					
۵	Discom 2			1				,				
ٽا	Discom 3											
٦	Generating Co. 1											
0	Generating Co. 2			 								
	Generating Co. 3											
٦	Other Long term users (Please specify)											
7	Charges for decision support system and IT infrastructure											
~	Discoml											
ع	Discom 2				1	+						
-	Discom 3											
7	Generating Co. 1											
	Generating Co. 2											
ļ	Ţ				-							
۰												
<u> </u> 												
10%	Operating charges for Scheduling, Metering and Settlement											
- T	1											
ع	Discom 2											
٠	Discon 3											
ਰ		-										
<u> </u>	ł											
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,												
ء												
 L_	Other third party transactions	,										
ļ	Generaling companeis				- ! -					-		
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			INDEX OF FORMATS
ļ	S.No.	Format No.	Description
	11	Form 1	Aggregate Revenue Requirement
	2 ~	Form 2	Return on Equity
	3	Form 3	Details of Transmission Lines and Sub-Stations
	4	Form 4	Transmission Losses
	5	Form 5	Transmission Availability Factor
	6	Form 6	Income from investments, Non-tariff income and Other Business
	7	Form 7	Open Access related charges
	8	Form 8	Operations and Maintenance Expenses
	9	Form 8.1	Employee Expenses
	10	Form 8.2	Repair & Maintenance Expenditure
	11	Form 8.3	Administration & General Expenses
	12	Form 9.1	Statement of Total Gross Fixed Asset
	13	Form 9.2	Deposit works and grants/subsidies towards cost of capital assets
	14	Form 9.3	Statement of GFA funded through Deposit Works/Capital Subsidy/Grant
	15	Form 9.4	Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant
	16	Form 10.1	Statement of Asset wise Depreciation
	17	Form: 10.2	Statement of Depreciation
	18	Form: 11.1	Statement of Capital Expenditure
<u> </u>	19		Statement of Capital Works-in-Progress
	20	Form: 11.3	Statement of Capital Expenditure & Schedule of Completion of New Schemes
	21	Form: 11.4	Break-up of Scheme-wise Capital Expenditure for New Schemes
	22	Form: 12	Draw Down Schedule for Calculation of IDC & Financing Charges
	23	Form: 13	Details of Capital Cost and Financing Structure
	24	Form: 14	Details of Financial Packages
	25	Form; 15.1	Statement of Outstanding Loans
	26	Form: 15.2	Calculation of Weighted Average Interest Rate of Interest on Actual Loans *
	27		Calculation of Interest on Normative Loan
	25	····	Interest and Finance Charges
	26	Form 17	Details of Interest on Working Capital
	27	i	Investment Plan
	28	Form 19	Investment Plan
	29	Form 20	Summary of Truing Up
	30	1	Shunt Capacitor Addition / Repair Program
	31		Electrical Accidents
	32	<u> </u>	Failure of Transformers

name of tremamission pacetisee								
Form 1								
Aggregate Revenue Requirement								•
		Previous Year				Enemine Vee	(rigures in Ks Crore	~
Particulars	Reference Form	(n-1)		Current Year (n)	E	(n+1)	(n+2)	ensuing Year (n+3)
	ş	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
Energy								
Energy Available (MU)								
Energy Transmitted (MU)								
Transmission Lose %				•			ī	
Revenue		3						
Revenue from Tariffs								
Revenue from other charges incl Non Tariff Income								
Total Revenue (1+2)							,	
	, .							
Excenditure								
O&M expenses								
R&M Expense								
Employee Expenses							-	
A&G Expense								
Depreciation								
Lease Charges								
Interest on Loans								
Interest on Working Capital							,	
						-		
Total Expenditure(1+2+3+4+5)							+	
Return on Equity		v						
Aggregate Revenue Requirement (C)+(D)								
Surplus(+) / Shortfall(-) (B)-(E)								
				-				
- Capacity of Transmission System (in MW)								
Note:		2 %	-					
DE EV 2040 45						_		

	Name of Transmission Licensee							
,								
	Form 2							
	Return on Equity						(Fig	(Figures in Rs Crore)
S. N.	### ### ### ### ### ### ### ### ### ##	Previous Year (n-1)		Current Year (n)	,	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
ó		(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April: March)	Projected	Projected	Projected
- -	Equity at the beginning of the year							
2	Capital Expenditure							
က	Equity portion of capital expenditure						,	
4	Equity at the end of the year							
								,
	Return Computation							
2					-		•	-
				* :				

TORNIUS TO THE TOTAL

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		-												•										Procent	Ę,	If No, Petition No.	TOTAL NOT		1.					***************************************
							-		resent Petition		If No, Petition	No. and Year						,						Covered in the Present	Petition	Yes/No				-				
									Covered in the Present Petition		Voc/No	our /mr												,	Data of	Commercial								
									of star		Onomition	Operation													ays	132 kV & below								
										Line Length	Oct Kms														No. of Bays	220 kV								
											Level kV															400 kV								
			,							In of Cate opendential	S/C or D/C No. or Sub-conductor															No. of 1 ransformers /Reactors/SVC, etc. (with capacity)	, ,							
										, C	シイのエフノト															Voltage Level kV								
						Sub-Stations				Type of Line AC)													Type of Sub-Station	Conventional/GIS/ HVDC terminal/						٠		
	Many of Transmission I iconego	ante or Fransission Erector		Form 3		Details of Transmission Lines and Sub-Stations		Transmission Lines			Name of Line												Sub-Stations			Name of Sub-Station								
-	2	2	1	ĭ	1	<u>n</u>	-	H	+	ď	2 /	j Z	+	-	1	6	4	+	┪		_	-	S	-		s s		-	2,	3	4	1	-	1

Name of Transmission Licensee				, ,						,
Name of Transmission Licensee Loss Calculation Loss Calculation Loss Calculation Pevlous Year (n-1) Apr-Sep (Actuals / Audited) Carrent Year (n) (Actuals / Audited) (Actuals / Audited) Inausmission System of the Licensee (MU) Iransmission loss in system (7-2) Iransmission loss in system (1-2) Iransmission loss in sys	_			-						
In the State and interstate tie-lines to the Iteranses Delivered by Grid State (MU) Transmission loss in system (Vi) {(1-2)/1} Transmission loss in system (Vi) {(1-2)/1} Transmission loss in system (Vi) {(1-2)/1} Transmission loss in system (Vi) {(1-2)/1} Transmission loss in system (Vi) {(1-2)/1} Transmission loss in system (Vi) {(1-2)/1} Transmission loss in system (Vii) {(1-2)/1} Transmission loss in system (Viii) {(1-2)/1} Transmission loss in system (Viiii) {(1-2)/1} Transmission loss in system (Viiii) {(1-2)/1} Transmission loss in system (Viiii) {(1-2)/1} Transmission loss in system (Viiiii) {(1-2)/1} Transmission loss in system (Viiiii) {(1-2)/1} Transmission loss in system (Viiiiii) {(1-2)/1} Transmission loss in system (Viiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii			Name of Transmission Licensee						*	
insiston Losses Loss Calculation Previous Year (n-1) Current Year (n) Apr-Sep Oct-Mar In the State and interstate tie-lines to the Transmission loss in system (9/s) {(1-2/1)} Transmission loss in system (9/s) {(1-2/1)} Transmission loss in system (9/s) {(1-2/1)} Transmission loss in system (9/s) {(1-2/1)} Transmission loss in system (9/s) {(1-2/1)} Transmission loss in system (9/s) {(1-2/1)}										
In the State and interstate tie-lines to the Transmission loss in system (%) {(1-2)/1} Transmission loss in system (%) {(1-2)/1} Intersease farry, should be clearly indicated at appropriate places.	_	Form	7				4			
oss Calculation Previous Year (n-1) Current Year (n) Year (n+1) Year (n+2) ivered by Generating Stations of the Licensee (MU) iby Grid S/Ss to Distribution ss in system (Vo) {(1-2)/1} should be clearly indicated at appropriate places.										
See Calculation Previous Year (n-1) Current Year (n) Year (n+1) _	Trans	smission Losses		,						
Audited) Apr-Sep Oct-Mar Total (April - Projected Projected Actual) (Estimated) March)			Loss Calculation	Previous Year (n-1)		Current Year ((a	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
1 Total Energy Delivered by Generating Stations in the State and interstate tie-lines to the Transmission System of the Licensee (MU) 2 Energy Delivered by Grid S/Ss to Distribution Licensees/EHT Consumers (MU) 3 Transmission loss in system (%) {{1-2}/1} 4 Transmission loss in system (%) {{1-2}/1} Assumptions made, if any, should be clearly indicated at appropriate places.		S. No.		(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
Total Energy Delivered by Generating Stations In the State and interstate tie-lines to the Transmission System of the Licensee (MU) Licensees/EHT Consumers (MU) 3 Transmission loss in system (%) {(1-2)/1} 4 Transmission loss in system (%) {(1-2)/1} Assumptions made, if any, should be clearly indicated at appropriate places.										
in the State and interstate tie-lines to the Transmission System of the Licensee (MU) 2 Energy Delivered by Grid S/Ss to Distribution Licensees/EHT Consumers (MU) 3 Transmission loss in system (%) {(1-2)/1} 4 Transmission loss in system (%) {(1-2)/1} Assumptions made, if any, should be clearly indicated at appropriate places.			Total Energy Delivered by Generating Stations			-	÷.	:		•
2 Energy Delivered by Grid S/Ss to Distribution . 2 Energy Delivered by Grid S/Ss to Distribution . 3 Transmission loss in system (%) {(1-2)/1} 4 Transmission loss in system (%) {(1-2)/1} Assumptions made, if any, should be clearly indicated at appropriate places.			in the State and interstate tie-lines to the						,	
Licensees/EHT Consumers (MU) 3 Transmission loss in system (%) {(1-2)/1} 4 Transmission loss in system (%) {(1-2)/1} Assumptions made, if any, should be clearly indicated at appropriate places.		ļ	Fransition System of the Litterisee (MO)						,	
3 Transmission loss in system (1-2) 4 Transmission loss in system (%) {(1-2)/1} Assumptions made, if any, should be clearly indicated at appropriate places.		1	Licensees/EHT Consumers (MU)							
4 Transmission loss in system (%) {(1-2\forall 1)} Assumptions made, if any, should be clearly indicated at appropriate places.		ď	Transmission loss in system (1-2)							
Assumptions made, if any, should be clearly indicated at appropriate places.		4	Transmission loss in system (%) {(1-2)/1}							
Assumptions made, if any, should be clearly indicated at appropriate places.						•	•			
Assumptions made, if any, should be clearly indicated at appropriate places.	_									
	$\overline{}$	Assum	totions made, if any, should be clearly indicated at appr	ropriate places.						
	$\overline{}$									

THE PROPERTY OF THE PROPERTY O

,			•					
Name (Name of Transmission Licensee						,	
							,	
Form 5				-				
×				•				
Transit	ransmission Availability Factor							
	,		, t					
			•					
		Previous Year (n-1)		Current Year (n)		Ensuing Year (n+1)	Ensuing Ensuing Ensuing Year (n+1) Year (n+2)	Ensuing Year (n+3)
S. S.	Particulars	(Actuals/Audited)	(Actuals/Audited) Apr-Sep (Actual)	Oct-Mar Total (April (Estimated)	Total (April March)	Projected	Projected Projected	Projected
+	Transmission Avaialbility Factor						, ,	

Format for Transmission

Nation of Trainmission Licitisec From 6 Fr									
Form 6 Income from Investments, Non-fariff income and Other Business Perform from Investments, Non-fariff income and Other Business Particulars		Name of Transmission Licensee							
Form 6				-					
Income from Investments, Non-fariff income and Other Buelness Previous Year Current Year (n) Ensuing Ensuing		Form 6							
Previous Year (n) Previous Year (n) Previous Year (n) Previous Year (n) Previous Year (n) Previous Year (n) Previous Year (n) Previous Year (n) Provious Year (n) Projected April (Actual) Projected March) Projected National Actual (Actual) Projected Actual (Actual) Projected March) Projected National (Actual) Projected		Income from investments. Non-tariff income and Other Business						(Fig.	ires in Rs Crore)
Providers Particulars Providers Pr									
Application Particularies Application			Previous Year (n-1)		Current Year	(n)	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Tear (n+3)
Income from investments Interest income from investments Interest income from investments Interest or base deposits Interest on any other items Sub-Total (a) Other Non Tariff income Interest on loans and Advances to Staff Interest on Loans and Advances to Staff Interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Income/Fee/Collection against staff welfare activities Miscellaneous receipts Misc charges from consumers Sub-Total (b) Income from Other Business Income from other Business Income from other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	ž	Particulars	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
Interest from Investments Interest income from Investments Interest income from Investments Interest on fixed deposits Interest from Banks other than Fixed Deposits Interest from Banks other than Fixed Deposits Interest from Banks other than Fixed Deposits Interest from Banks other than Fixed Deposits Interest on any other items Sub-Total (a)								-	
Interest Income from Investments	⋖	Income from Investments							
Interest on fixed deposits Interest from Banks other than Fixed Deposits Interest on any other items Sub-Total (a) Other Non Tariff Income Interest on Ioans and Advances to Staff Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharges for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	÷	Interest Income from Investments					•		
Interest from Banks other than Fixed Deposits Interest on any other items Sub-Total (a) Other Non Tariff Income Interest on Loans and Advances to Staff Interest on Loans and Advances to Lessons Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	12	Interest on fixed deposits							
Sub-Total (a) Sub-Total (a) Other Non Tariff Income Interest on loans and Advances to Staff Interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Miscellaneous receipts Miscellaneous receipts Income from Other Business Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	က	Interest from Banks other than Fixed Deposits							
Sub-Total (a) Other Non Tariff Income Interest on loans and Advances to Staff Interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	4	Interest on any other items							
Other Non Tariff Income Interest on loans and Advances to Staff Interest on Loans and Advances to Lessors Interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Income/Fee/Collection against staff welfare activities Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)		Sub-Total (a)			\$				•
Other Non Tariff Income Interest on Ioans and Advances to Staff Interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Income/Fee/Collection against staff welfare activities Revenue from surcharges for law power factor and other penal charges Misc charges from consumers Misc charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)							,	,	
Interest on loans and Advances to Staff Interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharges for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	4				•			`	
interest on Loans and Advances to Lessors Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	-	Interest on loans and Advances to Staff						,	
Interest on Advances to Suppliers / Contractors Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	~	Interest on Loans and Advances to Lessors							
Gain on Sale of Fixed Assets Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	က	Interest on Advances to Suppliers / Contractors							
Income/Fee/Collection against staff welfare activities Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(c)	4	Gain on Sale of Fixed Assets							
Revenue from surcharges for late payment Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(c)	ည	Income/Fee/Collection against staff welfare activities		-					
Revenue from surcharge for low power factor and other penal charges Miscellaneous receipts Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	9	_							
Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	~	Г						,	
Misc. charges from consumers Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	æ	Miscellaneous receipts							
Sub-Total (b) Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	60	П							
Income from Other Business Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)		Sub-Total (b)							
	'						-		
Income from other business under Section 41 of EA, 2003 Total (a)+(b)+(c)	ပ								
Total (a)+(b)+(c)		Income from other business under Section 41 of EA, 2003					,		
		Total (a)+(b)+(c)							

-							TOTAL TOTAL	HOHIOCHILICH
		·						
	Name of Transmission Licensee							
	Form 7							
	Open Access related charges		-					,
							(Figures	(Figures in Rs Crore)
S. C.	Particulars	Previous Year (n-1)	S	Current Year (n))	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
	·	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected.	Projected
	Grid support charges						,	
7	Reactive energy drawl charges							
	Scheduling and system operation					7.6		-
က	charges						,	
	inter-state transmission charges (for							
4	open access consumers)							
2	Handling and Service Charges							
	Any other levies as approved by the							
ဖ	Commission			•				
	Total							

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	Name of Transmission Licensee												
			1										
				-			-						
	Form 8				1					•			
						_		_				ĺ	
	Operations and Maintenance Expenses				†								
L					1					,		(Figures	(Figures in Rs Crore)
	,	ear	Previous	Previous	Previous	Previous	Previous	•	7	1	Ensuina	Ensuing France	Enemine
S.No	o Item	(g-u)	Year (n-5)	Year (n-4)	Year (n-5) Year (n-4) Year (n-3) Year (n-2) Year (n-1)	Year (n-2)	Year (n-1)		Current rear (n)	(E)	Year (n+1)	Year (n+1) Year (n+2) Year (n+3)	Year (n+3)
		(Artuale/	(Antiology	(Anthrola)	1,444							,	,
		A THE PARTY OF THE	7	(Actuals)	(Actuals) (Actuals) (Actuals) Apr-Sep Oct-Mar	(Actuals/	(Actuals/	Apr-Sep	Oct-Mar	Total			
\perp		Audited)	Audmed)	Andited)	Audited)	Audited)	Audited)	(Actual)	(Estimated)	Audited) Audited) Audited) (Actual) (Estimated) (April - March)	Projected	Projected Projected Projected	Projected
ľ					47								
	Employee Expenses			,									•
2	Adminstrative & General Costs							1					
Ċ	Denair & Maintenance Consesses							_				,	,
<u>'</u>	ויטיים או אומוו אפוומווים באחבו ואבי		_					-					
	Sub-total (1 to 3)		-		 	+	1	+					
						-					-		

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1								İ						
2	Name of Transmission Meened							-	***************************************					
Įĕ	201													
5	Employee Expenses							-						
Н	the state of the s			<u>.</u>				+					Flaumes	(Figures in Rs Crore)
	Particulars	Previous Year (n-6)	Previous Year (n-6)	Previous Year (n-4)	Previous Year (n.3)	Previous Year (n-2)	Pravious Year (n-1)	٠	Current Year (n)		Ensuing Year (n+1)	Ensuting Year (n+2)	Ensuing Year (n+3)	,
6 6	S.No	(Actuals/ Audited)	(Actuals/ Audited)	(Actuate/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April) March)	Projected	Projected	Projected	Remarks
4	Employee's Cost (Other Then Covered in 'C'&'D')													
L	* Salaries				,,				١					
L	2 Additional Pay / Dearmes Atlowence (DA)													
L	3 Other Allowances & Reiller				•									
L	4 Intertro Reflet / Wage Revision													•
L													•	
\vdash	Г-												-	
\vdash	8ub Total													
_	Other Cests											7		
ļ	1 Medical Expenses Reinbursement													
L	2 Travelling Allowance(Conveyance Allowance)													
 	3 Leave Travel Assistance													
<u> </u>	4 Earned Leave Encashment													
ļ	5 Peyment Under Workman's Compensation And Grabally													
	8 Subsidised Electricity To Employees													
	7 Any Other Item		-	_										
H	8 Staff Welfare Expenses											-		
H	Sub Total													
J	Apprantice And Other Training Expenses													
٥	Contribution To Terminal Benefits													
<u> </u>	1 Provident Fund Contribution													
	2 Provision for PF Fund						•							
١	3 Any Other Nems													
-	TotalC													
8	Grand Total			•										
	Employee aggenses capitalised													
	Net Employee expenses (E)-(F)							- 1						
L														
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Ę,	6.1									-				
E	Employee Expenses													
							,							
													(Figure	(Figures in Ra Crore)
- 70	Particulars	Previous Year (n-6)	Previous Year (n-5)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)		Current Year (n)		Ensuing Year	Eneuing	Enauing	
e E		(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	_1	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April	Projected		Projected	Remarks
4	Employee's Cost (Other Then Covered in C'&'D) Salaries													
	B Date Re A commence of a manufacture of				,									
	or mainber of employees													
S. N.	(fem	Previous Year n-6)	Previous Year (n-	Previous Year (n-4)	Pravious Year (n. 3)	Previous Year P	Previous Year (n-		Current Year (n)		Ensuing Year (n+1)	Enauting Year (n+2)	Ensuing Year (IT+3)	
		(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audited)	(Actuals/ Audibed)	(Actuals/ Audited)	(Actuals/ Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April March)	Projected		Projected	Remertes
1												,		
_	Technical													
~	Administrative									-		-		
6	Accounts and finance												-	
4	Other (Please specify)							1						
				1		+								
	Staff Cedre				-					1			-	
	Iechnical				 			1					1	
22	Grade 23							+		1			1	
5.0	5.3 Grade III									-			†	
2.4	Grade IV		-	1	-									
1			-					1						
	Administrative			``.	-	1		†						
. 3								+	1	1	-	-		
63	6,3 Grade III									+		-	+	
4	Orde IV		-							-	-			
l L			+	-	1									
<u>∢ (</u>	Accounts and finance		-		+		+						-	
2 6	7,000 i							- -						
1 2	1 OPA	,			-						1			
7.	Grade IV							+-	+	+				
								+			+	+	1	
_	(Please specify)			+								+		
3 G	Grade				-	-	1					1	-	Ī
2 Č	II open				+	-	+	-					-	T
4.0	STECK IV						+	1						
1	The state of the s								1	_	-			
1	THE CHOICEAN							_	-		_			Ī

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Naz	Name of Transmission Licensee													
-														
Ş	Form 8.2													
L														
Rep	Repair & Maintenance Expenditure												(Figu	Figures in Rs Crore)
H							•	1						
si	1	Previous Year (n-8)	Previous Year Previous Year Previous Year (n-8)		Previous Year (n-3)	Previous Year Previous Year Previous Year (n-3)	Previous Year (n-1)	-	Current Year (n)		Ensuing Year (n+1)	Ensuing Year (n+2)	Enauing Year (n+5)	-
ž	rates that s	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	
1 74	1 Plant and Machinery													
2 Bud	Building										,			
3 CIVI	Civil Works												,	
4 Hyc	Hydraulic Works													
5 1.504	5 Lines, Cables Net Works etc.													
6 Vehicles	ucles							-						
7 Fun	7 Furniture and Fixtures					1.								
8 055	Office Equipments	,			`									•
9 Stat	9 Station Supplies													
10 01	10 Other Credits to R&M Charges													
Tot	Total (1 to 10)											7		

INMITE DI JERDEDINISIONI PIECENSEE	_												
										_			
Form 8.3							_ _ 						
Administration & General Expenses												(F)	(Figures in Rs Crore)
S.No.	Previous Year (n-6)	Previous Year (n-6)	Previous Year (n-4)	Previous Year (n-3)	Previous Year (n-2)	Previous Year (n-1)		Current Year (n)		Ensuing Year	Emsuing	Enauing	
	(Actuals / Audited)	(Actuals / Audited)	(Actuals / Audited)	(Actuats /	(Actuats /	(Actuals /	Apr-Sep	Oct-Mar	Total (April -	Prolected			Remerks
A Administrative Expenses					(manual)	(mean)	+		March)			- Charles	
1 Rent ratios and taxes													
Lease / Rent									,				
Ratios & Texas								1		1			
						1					,		
3 Revenue Stamp Expenses Account						1	1			•			
4 Telephone, Postage, Telepram & Telox Charges							+						
5 Incentive & Award To Employees/Outsiders					1		1	1					
6 Consultancy Charges				1	1								
							+						
j	-			1		†	1						٠
9 Conveyance And Travelling					+	1	+		+				
10 License And Reculativation Fee Of							+						
								-					
11 Vehicle Expenses (Other Than Trucks And Delivery Vans)							-				/		
Canadas Constant Channel Point To California						-		-			ŀ		
Sub-Total 18 to To 49							-				†		
Other Chartee	-					-	-		-				
Fee And Subscriptions Books And Perhodicals	1					-						-	
Printing And Stationery	-				+	1							
Advertisement Expenses (Other Than Purchase Related) Exhibition &	20 C					+		1	1	1			
Demo		•		_		-							
Contributionar/Donations To Outside Institutes / Associations		-		-	-	+		-	1	1			
5. J. Electricity Charges To Offices			-			+	+		+	1			
Week Charges							-				+	+	
Michelleneum Expenses						 				-	 	-	
Sub-Total 'B' (1 To 5)	+			+									
Legal Charges		1		+	1	-	-						
Auditor's Fee		+		-	+		1						
Materiel Related Expenses			+	-	+					+			
Freight On Capital Equipments		-				-	1	+	+				
Purchase Related Advertisement Expenses			-	+	+		+	+	+	+	1	1	
Vehicle number and hithing expenses (Truck/ Delivery Van)				+		+	+	-	+	+		+	
Corner Francis						+	1		+		+		
Intrast Insurance					-	+	+	+	-		+	+	
Incidental Stores Expenses	+							-	+	+		+	
Fabrication Charges		+	-							-			İ
Sub Total 'E' (1 To 8)			+							-	-	 	
			+		-	1	1						
Grand Total (A To E)				+	+	+		1					
G A&G expenses capitalised			-		+	+	1	-				_	

ı							
[Name of Transmission Licensee	***************************************		-			
- 1							
- [Form 9.1						
- [Statement of Total Gross Fixed Asset						
- 1	Previous year (n.1)			•	(Figures in Rs Crore)		
	Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance	•	
ı							,
	pura (e						•
	b) Building						
	c) and so on (As per categorisation given in the Regulations)	Т					
- 1							
- 1							
			•				
I							
•							
ΙĪ	Total						-
I				,			
I							(Figures in Rs Crore)
- [Current Year (n)						
	Darkfurlanc of Assate	en seineach	Additions of asset	Additions of assets during the year	Retirement of assets during the year	during the year	
			Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Cicama Danatica
	B) Land						
	b) Building						
П	c) and so on (As per categorisation given in the Regulations)	,					
T							
T							
T			-				
Т	IRIO						
Τ		THE RESIDENCE OF THE PARTY.					
1							

| Ensuing year (n +1) Particulars of Assets a) Land b) Building c) and so on (As per categorisation given in the Regulations) c) and so on (As per categorisation given in the Regulation gures in Rs Crore) Closing balance (Figures in Rs Crore) ets Closing balance |
|--|---|
| Particulars of Assets Opening balance Additions during the year Particulars of Assets Opening balance Additions during the year Additions during the year Opening balance Additions during the year Year Opening balance Additions during the year Year | Closing balance (Figures in Rs Crore) (Figures in Rs Crore) Closing balance |
| Particulars of Assets Particulars of Assets Opening balance Additions during the year Opening balance Additions during the year Opening balance Additions during the year Additions during the year | (Figures in Rs Crore) Closing balance |
| Per categorisation given in the Regulations) Particulars of Assets Particulars of Assets Opening balance Vear Vear Vear Additions during the Additions during the year Particulars of Assets Opening balance Vear | (Figures in Rs Crore) Closing balance |
| Particulars of Assets Opening balance Ver categorisation given in the Regulations) Particulars of Assets Opening balance Ver categorisation given in the Regulations Ver categorisation given in the Regulation given | (Figures in Rs Crore) Closing balance |
| Particulars of Aşşets Opening balance Additions during the year er categorisation given in the Regulations) Particulars of Assets Opening balance Additions during the year | (Figures in Rs Crore) Closing balance |
| Particulars of Assets Opening balance Additions during the year alegorisation given in the Regulations) Particulars of Assets Opening balance year year | (Figures in Rs Crore) Closing balance |
| Opening balance Additions during the year Opening balance Additions during the year | (Figures in Rs Crore) Closing balance |
| Particulars of Assets Opening balance Additions during the year year categorisation given in the Regulations) Particulars of Assets Opening balance year | (Figures in Rs Crore) Closing balance |
| Particulars of Aşşets Opening balance Additions during the year teategorisation given in the Regulations) Particulars of Assets Opening balance year | (Figures in Rs Crore) Closing balance |
| Particulars of Aşşets Opening balance Additions during the year year categorisation given in the Regulations) Particulars of Assets Opening balance year year | |
| Particulars of Aşşets Opening balance Additions during the year Verticulars of Assets Opening balance Additions during the year | |
| Particulars of Assets Opening balance Ver categorisation given in the Regulations) | |
| Particulars of Assets Opening balance Additions during the year | |
| Particulars of Assets Opening balance Additions during the | |
| Particulars of Assets Opening balance Additions during the | |
| Particulars of Assets Opening balance Additions during the year | |
| year | |
| Rupino | Closing Dalance |
| c) and so on (As per categorisation given in the Regulations) | |
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Name of Transmission Licensee Name of Transmission Licensee					,								
Perm 9.2 Deposit works and grants/subsidies towards cost of capital assets Deposit works and grants/subsidies towards cost of capital assets Particulars Balance at the Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Balance at Additions Gost Of Capital Assets Consumer Contribution / deposit works Towards Cost Of Capital Assets Total	l	Name of Transmission Licensee											
Pervious and grants/subsidies towards cost of capital assets Deposit works and grants/subsidies towards cost of capital assets Previous Year (n-1) Current Year (n) Ensuing Year (n+1) Ensuing Year (n+2)	•	•		-									
Deposit works and grants/subsidies towards cost of capital assets Previous Year (n-1) Particulars Balance at the Additions Balance at Additions Balance at Additions Balance at the Year Year Year Year Towards Cost Of Capital Assets Total		Form 9.2										-	
Previous Year (n-1) Current Year (n) Ensuing Year (n+1) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+3) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+2) Ensuing Year (n+3) Ensuing Year (Ţ	Deposit works and grants/subsidies towards	cost of capital as	sets									
Particulars Particulars Particulars Particulars Particulars Particulars Particulars Particulars Particulars Particulars Particulars Part of the during the during the the end of during the end of during the								,				(Figures in	Rs Crore)
Particulars start of the during the the end of during the end of			Previo	us Year (n-1		Current	Year (n)	Ensuing \		Ensuing \	/ear (n+2)	Ensuing Y	ear (n+3)
	S.No		Balance at the start of the year	Additions during the Year.	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year
		Consumer Contribution / deposit works Towards Cost Of Capital Assets					,				,		
Total	7	Grant/subsidies Towards Cost Of Capital Assets											ļ
		Total			`			,					

or er A Tunged mrough De	Statement of GFA funded through Deposit Works/Capital Subsidy/Grant	/Grant			•	
Previous year (n-1)				(Figures in Rs Crore)		
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance		
Building						
c) Major Civil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Fumiture and Fixtures						
dulpment & Omer tems						
		**				
Current Year (n)					(Figures in Re Crore)	
		Additions of assets during the year	during the year	Retirement of assets during the year	S during the year	
Particulars of Assets	Opening Balance	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Closing balance
b) Building						
ivil Works						
d) Plant & Machinery						
e) Lines and Cable Network						
f) Vehicles						
g) Furniture and Fixtures		٠				
quipment & Other Items						
Ensuing year (n +1)				(Figures in Rs Crore)		
Particulars of Assets	Opening balance	Additions during the year	Retirement of assets	Closing balance		
b) Building						
c) Major Civil Works	10700					
Machinery						
e) Lines and Cable Network						1
f) Vehicles						
g) Furniture and Fixtures						
h) Office Equipment & Other Items						
						4
Ensuing year (n +2)			And the second s	(Figures in Re Cross)		
Particulars of Assets	Opening balance	Additions during the year	ξi,	Closics Letters		
			during the year	crosmy paratice		

TURBUILD HERBOIRSMAIL				•									,										
100					i								,										
											/Englished in Do Commit	1 Sques 11 VS CIOIC)	Closing batance										
	,												Retirement of assets during the year										
		ant											Additions during the year				, ,						
		sit Works/Capital Subsidy/Grant											Opening balance	-		-							
	rorm 9.3	Statement of GFA funded through Deposit Works/Capital Subsidy	b) Building	c) Major Civil Works	d) Plant & Machinery	e) Lines and Cable Network	f) Vehicles	g) Furniture and Fixtures	h) Office Equipment & Other Items	Total	Ensuing year (n +3)		Particulars of Assets	a) Land	b) Building	c) Major Civil Works	d) Plant & Machinery	e) Lines and Cable Network	f) Vehicles) Furniture and Fixtures	h) Office Equipment & Other Items	Total	

	Marrie of Tuescanianianiani						
	Name of Hallshipshon Electroce						
			, , , , , , , , , , , , , , , , , , , ,		-		
ı						:	
	Form 9.4						
	Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant	nded through Depo	sit Works/Capital Sub	sidv/Grant			
-	Previous year (n-1)				(Figures in Rs Crore)		
	Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance	•	,
	a) Land						
	b) Building		-			,	
	c) Major Civil Works						
	d) Plant & Machinery						
	e) Lines and Cable Network	,				والمساورة والمسا	
	f) Vehicles						•
Ļ	9) Furniture and Fixtures						
	h) Office Equipment & Other Items				-		
	Total						
	Current Year (n)					(Figures in Rs Crore)	
	′ ;		Additions of asse	Additions of assets during the year	Retirement of assets during the year	s during the year	
	Particulars of Assets	Opening Balance	Apr-Sep (Actual)	Oct-Mar (Estimated)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Closing balance
	a) Land						
	b) Building						
	c) Major Civil Works						
	d) Plant & Machinery						
	e) Lines and Cable Network						
	f) Vehicles						
	g) Furniture and Fixtures						
	h) Office Equipment & Other Items		12				
	Total						,
			:				

-			5				
		•					
S.	Form 9.4						
3	Statement of GFA excluding Assets funded through Deposit Works/Capital Subsidy/Grant	unded through Depo	osit Works/Capital Sub	sidy/Grant			
ᇤ	Ensuing year (n +1)				(Figures in Rs Crore)		
	Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance		
100	a) Land					,	
	1				,	-	
3	d) Plant & Machinery						
9	e) Lines and Cable Network	F-*-			•		
•	f) Vehicles						
3	g) Furniture and Fixtures						
- 1	h) Office Equipment & Other Items						
To	Total						
ᄪ	Ensuing year (n +2)				(Figures in Rs Crore)		
	Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance		
	a) Land						
	b) Building						
٦	c) Major Civil Works						
3	d) Plant & Machinery						
•	e) Lines and Cable Network						
	f) Vehicles						
1	g) Furniture and Fixtures						
- 6	n) Onice Equipment & Onie nems Total						
<u></u> נ	Energing year (n +3)				(Figures in Rs Crore)		
1	Suild Jear (11 3)						
· · · · · · · · · · · · · · · · · · ·	Particulars of Assets	Opening balance	Additions during the year	Retirement of assets during the year	Closing balance		4
	a) Land	ž*-	-				
	b) Building		1				
	c) Major Civil Works						
	d) Plant & Machinery						
<u>"</u>	e) Lines and Cable Network						
-	f) Vehicles						
	g) Furniture and Fixtures						
-	h) Office Equipment & Other Items						
0	lotal						

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	Statement of Asset wise Depreciation					(m.m.)			ļ
	Ensuing year (n +1)					Figures in 4s Crore)			
	Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year	Depreciation provided for the year	Withdrawls during the year	Balance of accumulated depreciation at the end of the year			
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Equity Equity Equity In Rupees I	Equity Equity Equity Equity Equity Equity flancing supported with respective documentation. 17 Petral Routes of deviation if the actual expenditure during the current year is expected to be different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies 1/2 Remarks+: Explain for the causes of deviation if the cause of deviation if	┪											
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iil) Remarks+: Explain for the causes of deviation if the actual expenditure during the current year is expected to be different from that approved by UERC or other authorised agencies. N) Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or the authorised agencies.	it) Remarks+: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies. N. Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or the authorised agencies.		Cooles of Approval from competent sufficienties (if requi	imed may he for	of the distance of the contract of the contrac	gundanis dun	Supported with re	spective docu	mentation		-		
In the standard of the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies.	NY Remarks++: Explain for the causes of deviation if the total actual expenditure is different from that approved by UERC or other authorised agencies	1.55	Remarkst Explain for the content of domination is the	uned may be ful	mished in respect	or cost or each	n scheme, its com	ponents and s	scheme of final	7Ce.			
ing remains. Expensive of deviation if the total actual expenditure is different from that approved by UERC or the authoritised agencies	ing required to the causes of deviation if the total actual expenditure is different from that approved by UERC or the authoridised agencies	۲	Domodern: Conference of covings of the	actual expenditur	е опше те сите	in year is expe	ected to be differen	nt from that ap	proved by UE	RC or other au	monsed agencies		
		1	BUT I JOHN AND TO COCOCO OF THE COLUMN TO THE	total actual exp.	anditure is differen	it from that ap	proved by UERC o	or the authorid.	sed agencies				

Name of Transmission Licensee Form: 11.2 Statement of Capital Works-in-Progress					٠			
Transmission Licensee								
.2 nt of Capital Works-in-Prog				•	;			
.2 nt of Capital Works-in-Prog								
nt of Capital Works-in-Prog							,	
-	ress							
	•	:						
•	Previous Year (n-1)	٠.	Current Year (n)	(1	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	
Particulars	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected	Remarks
Opening balance of CWIP								,
Add: New Investment		•						,
Capital Expenditure							c	
Expenses Capitalised							,	
Interest During Construction	ř.							
Less: Investment Capitalised		1						
Closing balance of CWIP								
			,					
							•	
	balance of CWIP Expenditure as Capitalised buring Construction estment Capitalised alance of CWIP		Actual / Audited	Actual / Audited Apr-Sep	Actual / Audited Apr-Sep Oct-Mar (Actual) (Estimated)	Actual / Audited Apr-Sep Oct-Mar Total (April - (Actual) (Estimated) March)	Actual / Audited Apr-Sep Oct-Mar Total (April - Projected (Actual) (Estimated) March)	Actual / Audited Apr-Sep Oct-Mar Total (April - Projected Projected (Actual)

							Everhance Date	inge hate Amount (KS. Crore)									
	Schemes		Amount				Amount Exchar	+-									
	f Completion of New				tal cost estimates			,			œ				4	c=(a+b)	
Name of Transmission Licensee Form: 11.3	Statement of Capital Expenditure & Schedule of Completion of New Schemes	Name of the Line / Sub-Station:		Capital Cost	Foreign Exchange Rate considered for capital	1)	Cost Details	A) Basic Cost	Foreign Component (in Foreign Currency)	Domestic Component	Total Basic Cost	B) IDC &FC	Foreign Component (in Foreign Currency)	Indian Component	Total IDC &FC	C) Total Cost (Including IDC and FC)	

	,										
Name of Transmission Licensee									-		- Andreas
]]								
Form: 11.4											
Break-up of Scheme-wise Capital Expenditure for New Schemes	diture for New Schemes									-	
		•								-	
Name of the Line / Sub-Station:	-										
									(Figures in Rs Crore)	(s Crore)	
9	Total Expenditure	Previous year (n-1)	Ситеп	Current Year (n)	Total Expenditure	۲_	Difference		,		
227025	Approved by Competent Authority	Expenditure Actually Incured	Apr-Sep (Actual)	Oct-Mar (Estimated)	Incurred upto Current Year	to be incured till current year, as per the approved plan	between colymn 6 and 7	Remarks+	Ensuing Ensuing Year (n+1) Year (n+2)		Ensuing Year (n+3)
	2	3	٩	v	G						
A) Expenditure Details						,	8	6	10	7	12
a) Land											
b) Building											
c) Major Civil Works									r		
d) Plant & Machinery											
e) Lines and Cable Network											
f) Vehicles											
g) Furniture and Fixtures	2										
h) Office Equipment & Other Items											
Total (A)				<u> </u>							
B) Break up of sources of financing				`					1		
a) Loans/ Borrowings			-				1		-		
b) Equity								-	-		
c) Others (Please specify)										1	
Total (B)								†		-	
Note:								1			
ii) Remark+: Explain for the causes of difference between 5 and 7.	ince between 5 and 7.										
			-								
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_										
	Name of Transmission Licensee									
	(1.1)									
	Form: 12									
	Draw Down Schedule for Calculation of IDC & Financing Charges	of IDC & Financin	g Charges							
-										
-										.
			-						(Figures in Rs Crore)	Crore)
	Dráw Down	19	Quarter 1			Quarter 2		Quarter n Quarter n (Quarter of Completion and Energisation)	Quarter n pletion and E	nergisation
SI. No.	Particulars	Quantum in Foreign Currency	Exchange Rate on Draw Down	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee
-	Loans					,				
1.1	Foreign Loans									
7	Carrier .									
	Desir Dave Amount							*		
	IDC								/	
_	Financing Charges									
	FERV									
	Hedging Cost			, ,						
1.1.2	Foreign Loan 1			`						
	Draw Down Amount									
	iDC									
	Financing Charges									
	Hedging Cost									
1.1.n	Ī									
	Draw Down Amount									
	Ciscosia Original								,	
	rinalicing Cliarges	f								
	Hedging Cost									
1.1	Total Foreign Loans									
	Draw Down Amount									
	IDC					,				
	Financing Charges									
	FERV									
	Hedging Cost									
									-	

S) No. Particulars Country Exchange Foreign Currency Amount in Case on Currency Exchange Currency Amount in Case on Currency Currency Date Currency Currency Currency Currency <t< th=""><th>Γ</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>(Quarter of Completion and Enemiestion)</th><th>appletion and F</th><th>Citesimen</th></t<>	Γ								(Quarter of Completion and Enemiestion)	appletion and F	Citesimen
1.2.1 Indian Loan 1 1.2.1 Indian Loan 1 Dreamoing Charges 1.2.2 Indian Loan 2 Indian Loan 2 Indian Loan 3 Indian Loan 3 Indian Loan 4 Indian Loan 5 Indian Loan 6 Indian Loan 7 Indian Loan 7 Indian Loan 8 Indian Loan 9 Indian Equity Drawn Indian Equity Drawn 9 Indian Equity Drawn 9 Indian Equity Drawn 9 Indian Equity Deployed 9	S. N		Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down Date	Amount in Indian Rupee	Quantum in Foreign Currency	Exchange Rate on Draw Down	Amount in Indian Rupee
12.1 Indian Loan 1 Draw Down Amount Draw Down Down Amount Draw Down Amount Draw Down Amount Dr	1.2	Indian Loans									
1.2.1 Indian Loan 1 1.2.2 Indian Loan 2 Dear Down Amount		\neg						-		,	
Draw Down Amount Draw Down A	1.2.1										
DC DC DC DC DC DC DC DC		-									
12.2 Indian Loan 2 Daw Down Amount Draw Of Debt and Fourty status Draw of Debt and Fourty status		DC									
1.2.2 Indian Loan 2 Draw Down Amount IDC Financing Charges 1.2. Total Indian Loans Draw Down Amount IDC Financing Charges 1.2 Total Indian Loans Draw Down Amount IDC Financing Charges 1 Total Charges Financing		Financing Charges		.,							
1.2.2 Indian Len 2 Daw Down Anount 10C Financing Charges 1.2.n Indian Lean n 1.2.c Total Indian Leans Dow Down Amount Discount of the control											
Draw Down Amount Draw Down Amount 12.0 Indian Equity Drawn Amount 12.0 Indian Equity Drawn 12.0 Indian Equity Drawn 12.0 Indian Equity Drawn 12.0 Indian Equity Drawn 13.0 Indian Equity Drawn 14.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Depity 15.0 Indian Equity Drawn 15.0 Indian Equity Drawn 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity Depity 15.0 Indian Equity 15.	1.2.2										
IDC IDC IDC IDCA Indian Loans IDC IDCA Indian Loans IDCA ID		Draw Down Amount									
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Draw Down Amount Increment of the property	1.2.n	Indian Loan n									ľ
IDC Financing Charges		Draw Down Amount					-			1	
1.2 Total Indian Loans 1.2 Total Indian Loans Draw Down Amount 1.2 Total Indian Loans IDC Financling Charges 1 Total of Loans Drawn 1.2 Financing Charges Financing Charges 1.2 Equity Drawn 2.1 Foreign Equity Drawn 2.2 Indian Equity Drawn 2.2 Indian Equity Drawn 2.3 Total Equity Deployed 2 Total Equity Deblished Equity Shall he on paid research begin and Equity Shall he contained to proper the cont		COL									
1.2 Total Indian Loans Provided Indian Loans 1 Draw Down Amount 6 1 IDC Financing Charges 1 Total of Loans Drawn 6 1 Total of Loans Drawn 7 1 Total of Loans Drawn 8 1 Financing Charges 8 1 Ferry 9 2 Equity 10 2.2 Indian Equity Drawn 10 2 Total Equity Debit and Equity Arabilible on part pages in botal properties to p		Financing Charges									
1.2 Total Indian Loans 1.2 Total Indian Loans Draw Down Amount 1 IDC 1 Financing Charges 1 IDC 1 Financing Charges 1 FERY 1 FERY 1 FERY 1 Fery 1 Fery 1 Fery 1 Category 1 Category <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>											
Draw Down Amount	1.2	Total Indian Loans			4						
DC Financing Charges		Draw Down Amount									
Financing Charges		DGI									
1 Total of Loans Drawn 1 Financing Charges 6 Financing Charges 6 Financing Charges 7 Hedging Cost 7 2 Equity 8 2.1 Foreign Equity Drawn 8 2.2 Indian Equity Drawn 7 2.2 Total Equity Deployed 8 2 Total Equity Deployed 9 Note: 1. Draw of Debt and Equity shall be on part passer; base and equity to make the product the Comment of the page of th		Financing Charges									
1 Total of Loans Drawn IDC Financing Charges FERV Hedging Cost 2 Equity 2.1 Foreign Equity Drawn 2.2 Indian Equity Drawn 2.2 Total Equity Deployed Note: 1. Drawn of Debt and Equity shall be on near passer; basis an advanced to meet the Complete.							,				
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Financing Charges Financing Charges FERV FERV Hedging Cost 2 Zequity 2 Zat Indian Equity Drawn 2 Zat Indian Equity Deployed 2 Alote: 1. Drawl of Debt and Equity Shall be on next next that the Company vise to meet the contract of the		100	,								
FERV Hedging Cost 2 Equity 2.1 Foreign Equity Drawn 2.2 Indian Equity Drawn 2.2 Indian Equity Deployed 2 Total Equity Deployed Note: 1. Drawl of Debt and Equity shall be on paging as seriable in productive to most table from the contract of the con		Financing Charges									
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2.1 Foreign Equity Drawn 2.2 Indian Equity Deployed 2 Total Equity Deployed Note: 1. Drawl of Debt and Equity shall be on notine as in post where the post was the Company.	2	Equity								,	
2.2 Indian Equity Drawn 2 Total Equity Deployed Note: 1. Drawl of Debt and Equity shall be on pagingeen basis mortar wice to most tab Company.	1 1	Foreign Equity Drawn									
2.2 Indian Equity Drawn 2 Total Equity Deployed Note: 1. Drawl of Debt and Equity shall be on paging as an inorder wice to most the Company.	li										
2 Total Equity Deployed Note: 1. Drawl of Debt and Fourity shall be on near passer hoses an exact the Committee Com	2.2	Indian Equity Drawn									
Note: 1. Draw of Debt and Equity shall be on near neser, hoese most the Commission of Debt and Equity shall be on near neser, hoese most the Commission of Debt and Equity shall be on near neser, hoese most the Commission	2	Total Equity Deployed									
Note: 1. Drawl of Debt and Equity shall be on part pages; these amortates from the Committee of the Committe											
THE CALL CONTROL OF THE PROPERTY OF THE PROPER	Note	1. Drawl of Debt and Equity shall be on pa	ari passu basis que	arter wise to me	et the Comp	letion schedule	Oraw of high	ier Fount in bear	Line in some	9	
2. Applicable Interest Rates including reset dates used for committed may be furnished asserted.		2. Applicable Interest Rates including res	tet dates used for o	omportation ma	y be firming	7		in Lyang in ocid	dissillate believed	.ac	

Details of Capital Cost and Financing Structure Details of Capital Cost and Financing Structure Prev Year ending March Ac								
FY of Capitalisation		+						
FY of Capitalisation								
FY of Capitalisation					-			
FY of Capitalisation							(Figures in Rs Crore)	(S Crore)
Capitalisation	Previous Year (n-1)		Current Year (n)	(u)	Ensuing Year (n+1)	Ensuing Year	Ensuing Year (n+3)	
	Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected .	Projected	Projected	Remarks
Basic Project Financial Parameters								
					,			
Addition during the year							,	
Deletion during the year								
		 						
Equity against Original Project Cost								
Addition during the year								
Equity Sub-Total (B)								
Debt outstanding against the original Capital cost								
New Loans added during the year								
Debt Sub-Total (C)								
Grants against original project cost								
Addition during the year								
Grants Sub-Total (D)		-						
Total Financing (B+C+D)								
		1	-					
		 					+	
				†				
i) "Approved or Actual Capital Cost whichever is less.								
пуюва тто тогедт вла дотекте сотролент вругсар	.9/0	-						

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+						-			-			
	Name of Transmission Licensec					-					•	-
												•
۳	orm: 14						,					
0	Details of Financial Packages											
┨┪									Linfront Fees/			,
	Source of Funds	Amount In FC	Exchange Rate	Amount in Indian Currency	Terms of Repayment	Grace	Interest Rate / Return on Equity	Guarantae Commission	Exposure Premium	% of Total Debt	% of Total Equity	% of Total PC
Τ.		(Name of Currency)	(Rs./FC)	(Rs. in Crore)	(Yeats)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%)	%	(%)
1	(A) Pabt										1.	
7"	Foreign:	1.1										
+	oan							•				
1	l neu !											
+	Loan III											
t	Loan IV etc.											
F	Indian:											•
+	, loan								,			
t	Loan II etc.											
T	Total Loan (A)											
1	(B) Equity											
۲	Foreign		'									
┪	Indian:											
1	Total Equity(B)											
-	(C) Grants											
=	Foreign:						,					
٦	indian:											
Г	Total Grant (C)							,				
-	Total Financing (A+B+C)											
۲	Total Project Cost											
1	Mote:	-					A Section of the sect	to Cohomo choll	he firmished in the	Format along	with supporti	9
† [™]	(i) in asse of completion of Schemes: Financial package details, as admitted by the Competent Authority on Completion and Enrophysias or tres construction and an arrangement of the Competent of	inancial package dete	alls, as admitte	d by the Competent	Authority on Co	nooelam	ind Energisation of the	in the Formet els	committee in the	socuments.		•
	(ii) In case of schemes which are yet to be completed Financial package details, as approved by the Competent Aumonty, shall be furnished in the rother and management approximation approximation in the case of schemes which are yet to be completed Financial package details, as approved by the Competent Aumonty, shall be completed Financial package details, as approved by the Competent Aumonty, shall be completed Financial package details, as approved by the Competent Aumonty, shall be competent and a second a second and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a	be completed Financ	ial package de	fails, as approved b	v the Compered	T AUTHORITY	Shair De Turriished	וו נונם ו מנוומי מני	Sunndano iniahu			
<u> </u>	(ii) FC- Foreign Currency							••••				
<u> </u>	(iii) PC, Project Cost	-	· ·.									
1					•							•

	_								
Name of Transmission Licensee							A CONTRACTOR OF THE PARTY OF TH		
Form: 15.1 Statement of Outstanding page									
Previous year (n-1)					•			(Figures in Rs Crore)	Crore)
Loan Agency (Source of Ioan)	Rate of interest (%)	Repayment period (Years)	Balance at the/ beginning of the year	Amount raceived during the year	Principal due during the year	Principal redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
3.	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	Actual/ Auditted	-
(1)	(Z)	(3)	(4)	(9)	(9)	6	(8)=(6)-(7) .	(9)=(4)+(5)- (6)	(10)
A. Other than state government									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)			,						
Loan 3 (Name of lender), etc.									
Sub-Total (A)									
D. COVETIENT COSTS									,
Type 1									
Type 3 etc.									
Sub-Total (B)									
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)									
Current Year (n)						,			
								(Figures in Rs Crore)	Crore)
Loan Agency (Source of Ioan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount received during the year	Principal due during the year	Principal redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
(1)	(2)	(2)	(4)	(2)	(9)	6	(8)=(6)-(7)	(9)=(4)+(5)- (6)	(10)
A. Other than state government									
Loan 1 (Name of lender)									
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									
B. Government Loans							,		
Type 1									
Type 2									
Type 3 etc.									
Sub-Total (A+B)									
C. Normative Loans									
TOTAL (A+B+C)									

								(Figures in Rs Crore)	8 CT018)
Ensuing year (n+1)			3						
Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks
	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	
(5)	(2)	(3)	(4)	(2)	(9)	(7)	(8)=(6)-(7)	(a)=(b)=(c) (b)=(c)	(10)
A Other than state government									
Loan 1 (Name of lender)									-
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.									
Sub-Total (A)							,		
B. Government Loans									
Type 1								 	
Type 2									
vne 3 etc.									
Sub-Total (B)									
Sub-Total (A+B)									
C. Normative Loans									_
TOTAL (A+B+C)									
								(Figures in Rs Crore	& Crore)
Ensuing year (n+2)									
Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Due at the year end	Remarks
		13.6	Lotematon	Fetimated	Estimated	Estimated	Estimated	Estimated	
4	Estimated	Estimated	Courtiago.	TOWN THE TOWN		ĺ	(2) (3)-(0)	(9)=(4)+(5)-	(10)
(E)	(2)	69	4	(2)	(9)	6	(1)-(0)-(0)	9	
A. Other than state government									
Loan 1 (Name of lender)				,					
Loan 2 (Name of lender)									
Loan 3 (Name of lender), etc.	,								
Sub-Total (A)									
B. Government Loans									
Type 1									1
Type 2									. !
Type 3 etc.									
Sub-Total (B)									
Sub-Total (A+B)									
C. Normative Loans									
(C+0+4)									

L											
											\downarrow
Ц	Ensuing year (n+3)								(Figures in Rs Crore)	Crore)	1
	Loan Agency (Source of loan)	Rate of interest (%)	Repayment period (Years)	Balance at the beginning of the year	Amount to be received during the year	Principal due during the year	Principal to be redeemed during the year	Principal Overdue at the year end	Principal Due at the year end	Remarks	
		Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated		
<u> </u>	(1)	(2)	(3)	(4)	(5)	(9)	ω (Δ)	(8)=(6)-(7)	(9)=(4)+(5)- (6)	. (10)	
	A. Other than state government										
	Loan 1 (Name of lender)							•			
											_
	Loan 3 (Name of lender), etc.										\downarrow
	Sub-Total (A)			*							1
	B. Government Loans										_
L	Type 1										_
L	Type 2										
_	Type 3 etc.										4
\mathbb{L}_{-}	Sub-Total (B)		Ŧ								_
	Sub-Total (A+B)										_
L	C. Normative Loans										_
	TOTAL (A+B+C)	-			·						_
	1 is a second tile many to a second transfer and the has her has been second to	yan aced aced aced		aline do me con a direction	ament to be snerit	fied clearly throu	the terms of reschedulement to be specified clearly through an affectiment alonowith copy of the letter from the Lender	nowith copy of th	he letter from th	re Lender	<u> </u>
	outlining the terms of Re-scedulement.	un land coul mor l				,		,			
	ii) Any Loan not allocated to any specific Scheme and not forming part of Appoved Financial Package, to be shown separately, with reasons thereof.	Tic Scheme and not	forming part of	Appoved Financii	al Package, to be	shown separate	ly, with reasons there	of.		T	
	iii) The original Financing Plan and the cumulative repayment as per the Onginal Financing Plan to be outlined for each Loan	cumulative repaym	ent as per the	Original Financing	Plan to be outline	ed for each Loan					_
	iv) For current year, Loans already drawn and the loan proposed to	wn and the loan pro	posed to be dr	awn by end of yea	be drawn by end of year to be shown separately.	parately.					
	y) Any new loan from existing or new lenders to be identified separately as a Loan	enders to be identifi	ed separately s	is a Loan.				•		•	
	vi) In case of Foreign Currency Loans, data to be provided in the cu	data to be provided	in the currenc	v of borrowing alo	irrency of borrowing alongwith the name of the currency	of the currency					
L.			y								
ļ					-						

onn: 1	5.2 tion of Weighted Average Interest Rate of In	terest on Actua	al Loans *	· · · · · · · · · · · · · · · · · · ·			
	and of very						⊨
,No.					(Figures in Rs Cro	re)	Ī
No.							I
1,NO.	Particulars	Previous Year	Current Year	Ensuing Year-(n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)	L
	I dittouisto	(n-1)	(n)	Projected	Projected	Projected	Ļ
	Loan 1		<u> </u>	 		· · · · · · · · · · · · · · · · · · ·	t
	Gross Loan - Opening		 	 			T
į.	Cummulative payments of Loan upto Previous Year		ļ	-			+
	Net Loan - Opening ,			 	 		†
	Add: Drawi(s) during the year		ļ <u>.</u>	 	<u> </u>		t
	Less: Repayment(s) of Loan during the year		<u></u>		ļ <u>-</u>	,	4
	Net Loan - Closing						╁
	Average Net Loan	<u> </u>	 	 	 		+
	Rate of interest on Loan on Annual Basis	ļ	 		 	 	+
	Interest on Loan	 	 	 	 	1	†
		 		·		 	Ť
	Loan 2	ļ		· · · · · · · · · · · · · · · · · · ·	1		T
	Gross Loan - Opening	 	 	T			T
1	Cummulative payments of Loan upto Previous	Ί.			l	<u></u>	1
	Year	 		1.			1
	Net Loan - Opening Add: Drawl(s) during the year	 					4
		-					
	Less: Repayment(s) of Loan during the year			<u></u>			4
	Net Loan - Closing						4
	Average Net Loan					ļ	+
	Rate of Interest on Loan on Annual Basis				 	ļ	╁
	Interest on Loan						┪
		<u> </u>		 		 	╅
	Loan n	 -					†
	Gross Loan - Opening				1,	 	t
	Cummulative payments of Loan upto Previous	5		٠,			1
	Year						\perp
	Net Loan - Opening	· 					I
	Add: Drawl(s) during the year	 					
	Less: Repayment(s) of Loan during the year				 		+
	Net Loan - Closing				 	;	†
	Average Net Loan		- 	+	-		_†
<u> </u>	Rate of Interest on Loan on Annual Basis	+					ľ
↓	Interest on Loan			 			7
	Total Loan	_				+	+
	Gross Loan - Opening				 		7
	Cummulative payments of Loan upto Previou	75					}
L	Year				- 		J
 	Net Loan - Opening	-\	 				_
<u> </u>	Add: Drawl(s) during the year	 		-			-[
	Less: Repayment(s) of Loan during the year			<u> </u>	 		-
<u> </u>	Net Loan - Closing	 		 			7
 	Average Net Loan		 	7	1]
<u> </u>	Rate of Interest on Loan on Annual Basis	- 					
-	Weighted Average Rate of Interest on		 				7
	Loans	<u> </u>					_
-		lian Duran in 4s	he furnished	However, the calcula	tion in Original curr	rency is also to be	-
* In c	case of Foreign Loans, the calculation in Inc ished separately in the same format	nan Kupee is K) ne intuisiiaa.	elomptor, die calcula	avar in valginal but		

-Ormat for Transmission

	Name of Transmission Licensee							
	Form 16							
	Inferest and Finance Charges	70					(Figures in Rs	Crore)
2. 	, Loan Details	Previous Year (n-1)		Current Year (n)	6	Ensuing Year (n+1)	Ensuing Year (n+2)	Ensuing Year (n+3)
o		(Actuals/Audited)	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Projected	Projected	Projected
<	Interest charges on State Govt. Loans, Bonds And Advances							
	1							,
	Bonds	1						•
۲٧.	Foreign Currency Loans / Credits							1
ო	Debentures							
	Sub-total A							
8	Interest on Long Term Loans / Credits from the Fls/ banks/ organisations approved by the State Government			·				
	Secured Loans							
-								
ત્યું								
2	Linsecured Loans							
-				-				
~								
က								,
ပ								
۵	Total Interest Charges (A+B+C)	-						
ш	Cost of raising finance & Bank Charges on proj	ect loans						
ш	Grand Total Of Interest & Finance Charges: D+E							
ပ	Less: Interest & Finance Charges Chargeable to Capital Account						-	
r								
				J				

							,			
		Name of Transmission Licensee	-							
	L									
		Form 17	19.							
		Details of Interest on Working Capital								
$oldsymbol{\mathbb{L}}$										
	20	Doctivitore	Previous Year (n-1)	0	Ourrent Year (n)	(c	Ensuing Year (n+1)	Ensuing Year Ensuing Year (n+1) (n+2)	Ensuing Year (n+3)	Remarks
	Š.		Actual / Audited	Apr-Sep (Actual)	Oct-Mar (Estimated)	Total (April - March)	Estimated	Estimated	Estimated	
	~	O& Mexpenses - 1 month					,		£ .	
	8				()					^
	က									
<u> </u>	4	Total Working Capital (1+2+3)	74	-3-4						
	2	Working Capital Loan								
	9	Normative Interest Rate (%)								-
	2	Normative Interest on Working Capital (5 X 6)								•
L	L									

	<u> </u>		L		
	Name of Transmission Licensee		 		
		,			
	Form 18				
	Investment Plan		·		
	INVESTIGATE LIGHT				
	A: PROPOSED TRANSMISSION WOR	ve	1	<u> </u>	
art .	A: PROPOSED TRANSMISSION WOR		1	•	
	NAME OF THE TRANSMISSION	LENGTH OF	ESTIMATED	`	COMPLETION
S.	LINE & ASSOCIATED	LINE	COST	Scheduled Date	
No.	SUBSTATIONS	(Ckt.Kms.)/		of Completion	PROGRAMME/
	SUBSTATIONS	S/S. CAP.	(Rs Crores)	· •	REMARKS
1	2	3	4	5	6
	1			· · · · · · · · · · · · · · · · · · ·	<u> </u>
<u>I.</u>	400 KV LINES				· · · · · · · · · · · · · · · · · · ·
1			<u> </u>		
2 '		· · · · · · · · · · · · · · · · · · ·			
3					
	SUB TOTAL (II) (400kV LINES)		1		
II.	400 KV SUB STATIONS		٠.		
1			<u> </u>		
2					
				···	·
3	(2)		,		
	SUB TOTAL (II) (400KV S/S)				
III.	220 KV LINES :				
1					
2	,	•			1
3					
	SUB TOTAL (III) (220KV LINES)			<u> </u>	
īv.	220 KV SUB STATIONS		 		
	ZUKV SUBSTATIONS	 , , , -	<u> </u>		
1			 		,
2					
3	,			·	
SUB	TOTAL (IV) (220KV SUB STATIONS)	·			
V.	132 KV LINES				
1		2			:,
3		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
6			 		
0	CATE SCOT AT (PRO/420Y/AT INTEC)		<u> </u>		
	SUB TOTAL (IV)(132KV LINES)		 		
VI.	132 KV SUB STATIONS		ļ	· · · · · · · · · · · · · · · · · · ·	
1					
2		.,			
3					
SUF	TOTAL (VI)(132KV SUB-STATIONS)	· · · · · · · · · · · · · · · · · · ·	1		
VII	MISC. WORKS	· · · · · · · · · · · · · · · · · · ·	···	 	····
	MICC WORKS	. F	 		
	· · · · · · · · · · · · · · · · · · ·	~ · · · · · · · · · · · · · · · · · · ·	 		<u> </u>
2 3			<u> </u>		
				`	
	SUB TOTAL (VII) MISC. WORKS		1		
	GRAND TOTAL (L.VII)		1		

Name of Transmission Lictuisee Form 19	- 1		,		`\ \ \							
ENCTH OF LINE APPROVED COMPLETED VARIATION Reasons of Scheduled Completion Completion (Rs Crores) (Rs						,						
ENCTH OF APPROVED COMPLETED VARIATION Reasons of Scheduled Completion in COST (R. Crores)		Name of Transmission Licensee										
ENCTH OF APPROVED COMPLETED VARIATION Reasons of Scheduled Cattal Date of Completion (Cattanace MAVA) (Rs Crores)												
ENCTH OF APPROVED COMPLETED VARIATION Reasons of Completion COST COST (Rs Crores) (Rs Cror												
ENCTH OF APPROVED COMPLETED VARIATION Reasons of Scheduled Actual Date of Confedence (Rs Crores) (Rs C		And the first of t										
ENCTH OF LINE CARCOVED COMPLETED VARIATION Reasons of Scheduled CACKRIS,) (Schores) (Rs Crores)	Investment Plan											
ENCTH OF APPROVED COMPLETED VARIATION Reasons of Scheduled CLAR (LAR COST COST in COST Variation in Cost (Rs Crores) (Rs Crore												
LENCTH OF APPROVED COMPLETED VARIATION Reasons of Completion Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Completion Confidence of Confidence o		A: ACTUAL TRANSMISSION WORK	(S							-		
SS. CAP. (Rs Crores) (Rs Crores) Cost Completion Clearance 11		NAME OF THE TRANSMISSION LINE & ASSOCIATED	LENGTH OF LINE (Ckt.Kms.)/	APPROVED COST :	COMPLETED	VARIATION in COST	Reasons of Variation in	Scheduled Date of	Actual Date of Completion	Date of Electrical Inspector's	Variation in Schedule	Reasons of Variation in
WY LINES) WY LINES WY LI		SUBSTATIONS	S/S. CAP. (MVA)	(Rs Crores)	(Rs Crores)	(Rs Crores)	Cost	Completion	•	Clearance*		Octionate
VY LINES) KY LINES) KY LINES) KY UNS	_	2	3	4	5	9	7	8	6	92	11	12
VY LINES) KY LINES) KY LINES) KY LINES	14											
KV LINES) OKV S/S) KV LINES)	_										,	
OKV S/S) KV LINES) V SUB	L.											
OKV S/S) KV LINES) V SUB	Ц.											
OKV S/S) KV LINES)	۰.	SUB TOTAL (II) (400kV LINES)										
	4	00 KV SUB STATIONS										
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SUB TOTAL (II) (400KV S/S) Control (400K	↓_											
20 KV LINES: SUB TOTAL (III) (220KV LINES) 20 KV SUB STATIONS SUB TOTAL (IV) (220KV SUB	L.	SUB TOTAL (II) (400KV S/S)		r-e								
SUB TOTAL (III) (220KV LINES) 20 KV SUB STATIONS SUB TOTAL (IV) (220KV SUB	日日	20 KV LINES:	ſ									
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20 KV SUB STATIONS 20 KV SUB STATIONS SUB TOTAL (IV) (220KV SUB	1	SUB TOTAL (III) (220KV LINES)										
SUB TOTAL (IV) (220KV SUB	IV.	20 KV SUB STATIONS										
SUB TOTAL (IV) (220KV SUB	L					-						
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SUB TOTAL (IV) (220KV SUB	_							,				
	1	SUB TOTAL (IV) (220KV SUB										

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PUNITED IN CONTRACTOR

		Name of Transmission Licensee						
-								
H	Form 20	20						
-				•				
(X)	iumn	Summary of Truing Up		•				
ig.	revi	Previous Year (n-1) for Final Truing Up						
			,					(Ks. Crore)
, v	S. No	Particulars	Approved	Actual	Variation	Reasons for Variation	Controllable	Uncontrollable
-	4	Annual Transmission Charges						
-	4 -	Interest on Long (Inclinding Inferest on Mormative Loans)						
	4	מזון (חוכותחוות חוובובבו סוו זיסיחומיה ב						
	2	Depreciation.					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
	3	Lease Charge						
-	4	Return on Equity						
-	īυ.	O&M Expenses						
	9	Interest on Working Capital						
	7	Income Tax						
	æ	Other Expenses (pls provide details)						
	6	Gross AnnualTransmission Charges (1+2+3+4+5+6+7+8)						
	Ι_	Less: Other Income (provide details)						
-	1	Annual Transmission Charges						
	m	Revenue		•				
-	1	Revenue from Transmission Charges						
-	2	Income from Other Business u/s 41 of EA, 2003						
	1	Total Revenue					,	
	U	Surplus / (Gap)		-				
-								
						_		

Note	Note: Please give detailed explanation separately for the deviations on a	deviations on account of uncontrollable factors	trollable fa	actors		•	
	1)						
Carry	Current Year (n) Annual Performance Review						
_							(Rs. Crore)
S.no.	Particulars	Approved	Actual	Variation	Reasons for Varaition	Controllable	Uncontrollable
¥	Annual Transmission Charges						
1	Interest on Loan (Including Interest on Normative Loans)				,		í
2	Depreciation						
က	Lease Charge				-		
4	Return on Equity						
īΟ	O&M Expenses						
9	Interest on Working Capital					1	
2	Income Tax						
8	Other Expenses (pls provide details)						
6	Gross AnnualTransmission Charges (1+2+3+4+5+6+7+8)						
10	Less: Other Income (provide details)						
	Annual Transmission Charges						
В	Revenue						
1	Revenue from Transmission Charges						
2	Income from Other Business u/s 41 of EA, 2003						
	Total Revenue						
U	Surplus / (Gap)						
			,				
Note	Note: Please give detailed explanation separately for the deviations on a	deviations on account of uncontrollable factors	trollable fa	ctors			

	Form 21.1	
	Shunt Capacitor Addition / Repair Program	
S.No.	Particulars	Capacity (MVAF
Capac	itor Additions	
1	Total Capacitors requirement at the end of Previous year	
2	Acual installed Capacitors at the end of Previous Year	
3_	Backlog/shortfall at the end of previous year (1-2)	
4	Additional Requirement for the Current Year	:
5	Total Capacity required to be added during the current year (3+4)	,
6	Actual installed during first half of Current year	
7	Target for the 2nd half of Current year	
8	Total Capacitors likely to be added during Current Year (6+7)	
9	Total capacity likely to be available by the end of current year (2+8)	:
10	Short fall if any (5-9)	
Repair	r of Defective Shunt Capacitors	,
11	At the end of the end of previous year	
12	Net Capacity Available by the end of previous year (2-11)	
13	Capacitors damaged during 1st half of the current year	
14	Capacitors repaired during 1st half of the current year	
15	Net Capacity Available by the end of 1st half of the year (12-13+14)	
16	Target level of damaged capacitors by the end of current year	
_17	Net Capacity Likely to be Available by the end of current year (9-16)	
18	Net Shortfall, by the end of the year (5-17)	
T	ove statement is to be accompanied by a detailed note to outline the reason	

					rormat tor	Format for I ransmission
Name of Transmission Licensee						
			*			
Form 21.2						
Electrical Accidents						
				,	•	
			No. of Accidents	cidents		
Type of Accident	•	Previous year			Current year	٠
	FATAL	NON FATAL	Total	FATAL	ž	Total
HUMAN						
ANIMAL					,	
Total	,			•		
	<u> </u>					
				-	7	

						romat	Formation transmission
	Name of Transmission Licensee						
	Andrews and the state of the st						
	Form 21.3					.	
	Failure of Transformers	•					
].		Pre	Preceding Year	Year	Currer	Current Year (Actual)	Actual)
Νο.	ltem	No. of Transformers	No. of failures	Total Duration of failure (Hrs.)	No. of Transformers	No. of failures	Total Duration of failure (Hrs.)
	Transformation ratio						•
_	Transformation ratio 1						
2	Transformation ratio 2	,				,	
က	Transformation ratio 3						
4	Transformation ratio 4						
	Average duration of interruption						,
S	Average duration of interruption per transformer for Transformation ratio 1	٠			·		
ဖွ	Average duration of interruption per transformer for Transformation ratio 2		:				
7.	Average duration of interruption per transformer for Transformation ratio 3						
œ	Average duration of interruption per transformer for Transformation ratio 4			•			
					•	•	

NEERAJ SATI,

Secretary, Uttarakhand Electricity Regulatory Commission.

[प्रतिलिपि सूचनार्थ प्रेषित——] पी०एस०यू० (आर०ई०) ं ऊर्जा / 128—12—4—2012—250 (कम्प्यूटर / रीजियो टिप्पणी-राजपत्र, दिनांक 10-3-2012, माग-1-क में प्रकाशित।