

**BEFORE THE HON'BLE UTTARAKHAND ELECTRICITY REGULATORY
COMMISSION**

FILING NO. _____

CASE NO. _____

In the matter of: **Filing of proposed tariff for Provisional true up for the financial year 2007-08 to 2010-11 and for Provisional Determination of Hydro Generation Tariff for the FY 2012-13 for Maneri Bhali-II generating station of UJVN Ltd. under Section 62 and 86 of the Electricity Act, 2003 read with the relevant regulations and guidelines of the Commission**

AND

In the matter of: UJVN Ltd. a Company incorporated under the provisions of the Companies Act, 1956 and having its registered office at UJJWAL, Maharani Bagh, GMS Road, Dehra Dun – Petitioner.

A. Specific Legal Provisions under which the Petition is being filed

- 1) UJVN Ltd. under Section 62 and 86 of the Electricity Act, 2003 read with section 4(1) of the Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Hydro Generation Tariff) Regulations, 2004 is filing this Tariff Petition before the Hon'ble Commission for approval of provisional Tariffs for the Financial Year 2012-13 and Provisional true up for the FY 2007-08 to 2010-11.

B. Limitation

- 2) In terms of Section 56(4) (Chapter VI) of Uttarakhand Electricity Regulatory Commission Conduct of Business Regulation 2004, an application for tariff determination by every licensee shall be filed before the Hon'ble Uttarakhand Electricity Regulatory Commission on or before 30th November every year.
- 3) The present petition for Tariff Determination is within the period mentioned in Para (2) above hence not barred by Limitation.

C. Facts of the case

- 4) The Petitioner, UJVN Ltd. is a company incorporated under the provisions of the Companies Act, 1956, having its registered office at UJJWAL, Maharani Bagh, GMS Road, Dehradun
- 5) It is submitted that Government of India (GoI) vide order dated November 5, 2001 transferred all hydropower assets of Uttar Pradesh Jal Vidyut Nigam Limited (UPJVNL) located in the State of Uttarakhand to UJVNL with effect from November 09, 2001. In compliance to the said order, administrative and financial control of all hydro power plants of UPJVNL in operation or under construction was taken over by UJVNL with effect from November 09, 2001. GOI order also defines the basis of division of assets and liabilities between UPJVNL and UJVNL and is self-explanatory.
- 6) It is respectfully submitted that the Hon'ble Commission had determined the provisional tariff of MB-II, HEP vide its various tariff orders issued from time to time as detailed below:-

F.Y	Tariff order
2007-08	28.11.2008
2008-09	28.11.2008
2009-10	30.12.2009
2010-11	05.04.2010
2011-12	10.05.2011

- 7) The Hon'ble Commission in its tariff order 28.11.2008 had reviewed various claims of the petitioner. Number of claims submitted by the petitioner were not considered by the Hon'ble Commission. The Hon'ble Commission in para 66 of the said order had directed as follows:-

“The petitioner is directed to file appropriate petition for approval of final tariff in accordance with the terms and conditions notified by the Commission from time to time based on the actual audited accounts as applicable on the date of commercial operation and till then the provisional tariff approved in this order shall continue to apply.”

- 8) It is further respectfully submitted that the petitioner had submitted petition for determination of final tariff of MB-II HEP on 7.8.2009 for the financial years 2007-08, 2008-09 and 2009-10. In the said petition the reason for delay in commissioning of the project and increase in capital cost were submitted which were primarily on account of geological surprises and natural and social phenomena. Subsequently vide reply petition filed on 30.10.2009 fixed assets register in evidence of capital cost incurred was submitted. The Hon'ble Commission disposed of the said petition vide its order dated 30.12.2009 wherein in para 25 it was directed as follows:-

“The Commission directs the Petitioner to get an independent audit of the capital cost of the project done within 6 months of the issue of this Order. The work of assessing and estimating the capital cost may be awarded to any independent audit firm by proper tendering process and the scope of work for this assignment should include the scope as laid down in Annexure 1.”

9) In accordance to the above stated directives of the Hon'ble Commission independent audit of capital cost of MB-II HEP was conducted by M/s Sumit Sahbarwal & Associates, Chartered Accountants, and the report was submitted with the petition filed on 30.11.2010.

10) The Hon'ble Commission disposed of the petition filed by the petitioner on 30.11.2010 vide its tariff order dated 10.5.2011 wherein Para 4.3 of Chapter IV the Hon'ble Commission observed as follows-

*“Since, the audit report does not provide complete details as per the scope of work approved by the Commission and as per Petitioners own submissions, some of the Capital Works related to MB-II project are still to be completed, the Commission is unable to conduct a thorough prudence check of the Capital cost of the Project. The Commission is further of the view that unless proper prudence check of the Capital Cost has been carried out, the increase in cost due to cost and time over runs cannot be passed on to the beneficiaries in the tariffs. Accordingly, for thorough prudence check of the Capital Cost of MB-II project, the Commission will constitute a High Level Expert Committee to examine in details the reasons for time and cost over-run, impact of time over run on Capital Cost and for proper identification of various factors leading to time and cost over-runs into controllable and un-controllable factors. **The Commission will take a final view with respect to actual Capital Cost and Means of Finance for MB-II Project after submission of report by the Committee. The Commission also directs the Petitioner to extend all possible help to the members of the Committee in ascertaining the final project cost of the MB-II project”.***

11) The Hon'ble Commission vide its letter No. 549/UERC/6/TF/11 dated 28.07.11 directed the petitioner to constitute a high level expert committee to comply with above referred directives of the Hon'ble Commission. The desired high level committee has been constituted by the petitioner vide letter No. 2684/UJVNL/MD/C-18/U-6 dated 10.08.11 of Managing Director, UJVN Ltd.

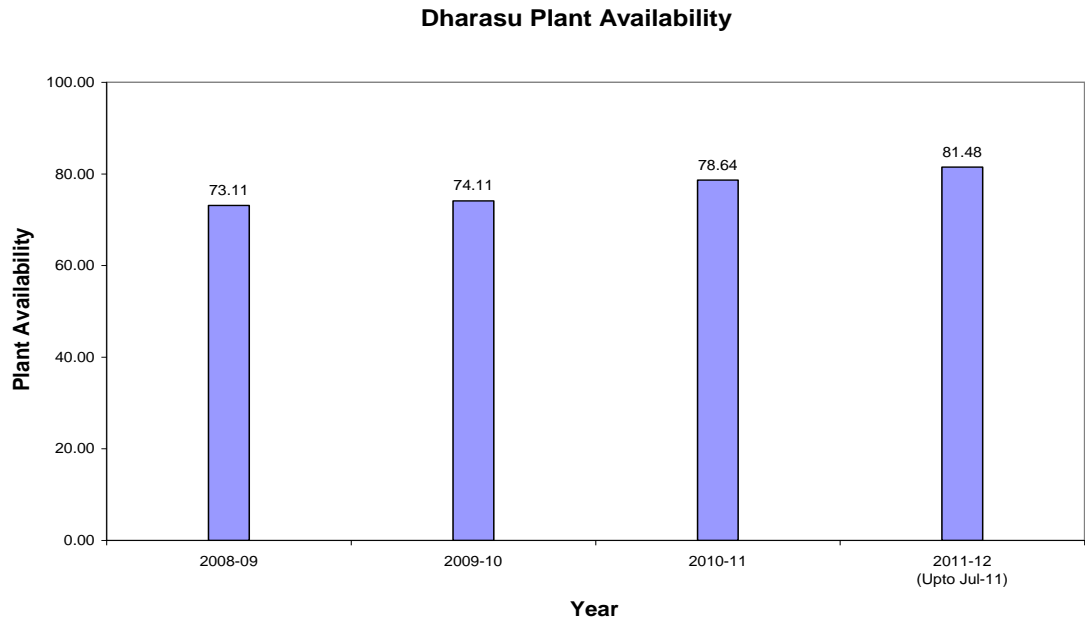
The Committee thus constituted is examining in details the reasons for time and cost over-run, impact of time over run on Capital Cost and for proper identification of various factors leading to time and cost over-runs into controllable and un-controllable factors.

The work entrusted to the committee is in final stages and its report shall be furnished to the Hon'ble Commission shortly.

12) It is respectfully submitted that based on the facts depicted in the audit report of the independent auditors, audited financial results for the F.Y 2007-08, 2008-09 and 2009-10, provisional accounts for the financial years 2010-11 and observations/directions of the Hon'ble Commission petition has been drafted as detailed herein below.

PERFORMANCE OF THE PLANT

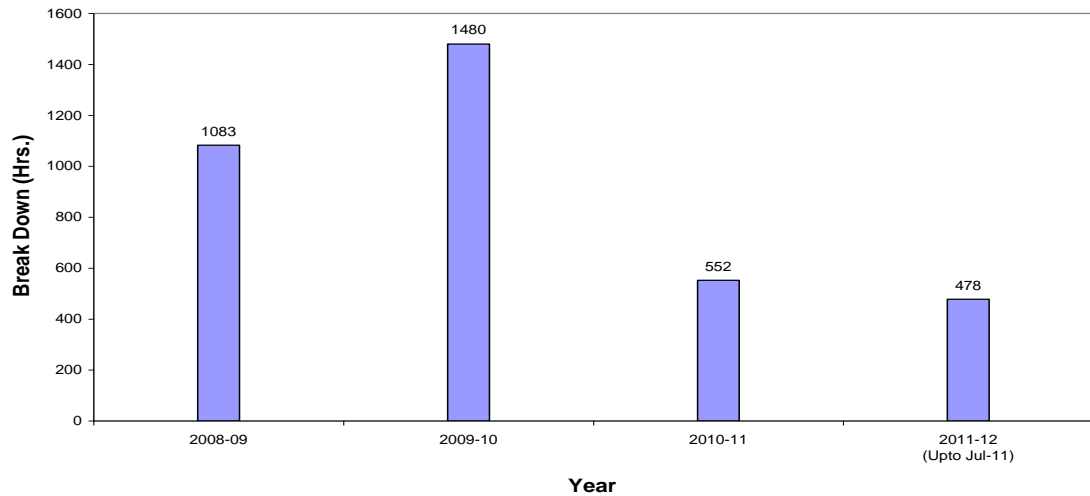
13) Plant availability for Manri Bhali-II HEP over the years is shown graphically below:



14) The plant availability has been calculated as the total number of hours for which the plant has either generated or has been available for generation as a percentage of the overall hours in the year. The Nigam has carried out timely maintenance of the plant to ensure safety as well as enhanced operating life of the projects. It is further mentioned that as far as possible the maintenance activities are conducted in the lean months and also during the hours of the day when load is low to ensure minimum loss of generation during the system peak periods.

15) Another indicator of the performance of the Plant is the annual breakdown (unplanned outage) hours of the plant. The trend in average annual breakdown hours is shown in the following graph:

Dharasu Breakdown Hrs



16) Breakdown hours in the year 2009-10 were mainly due to crack in TGB housing (in July-09) and problem in guide vane bedding & draft tube gates (in Aug-09) of Unit-1, problem in MIV (in Aug-09) of Unit-2, Severe metallic sound heard at DT cone and load hunting in Unit-1 (in Mar-10) and problem in GV lock opening and Oil leakage from Servo motor in Unit-3 (in Mar-10). However, vigorous efforts were made to restore the units at the earliest.

17) Breakdown hours have a decreasing trend since the year 2009-10. In the year 2010-11, Breakdown hours were mainly due to Rotor earth fault in Unit-1 and Low IR value in Unit-4 (Oct-10). In the year 2011-12, Breakdown hours have been mainly due to Stator earth fault in Unit-3 (in Jun-11). Availability of Dharasu Power Station has an increasing trend since the year 2008-09.

Norms of Operation

18) Normative capacity index

- a. Based on the norms as per clause no. 12(1) of Regulations' 2004, for run of the river stations with pondage, the normative capacity index for the station during the first year of commercial operation is 80% and after first year of operation of generating station is 85%. The same have been adopted by the petitioner.
- b. **In view of the above it is respectfully prayed that in the case of MB-II HEP, the normative capacity index may be considered at 80% during the first year of commercial operation (i.e. for FY 2008-09) and after first year of operation of generating station at 85%.**

19) Auxiliary Energy Consumption

- a. The Petitioner has assumed transformation losses and auxiliary consumption at the normative levels specified by the Hon'ble Commission through the regulations.
- b. It is respectfully submitted that in accordance to the above, Auxiliary Consumption and Transformation Losses have been computed on the norms prescribed by the Hon'ble Commission as enumerated below:

Station Particulars	Norm	Quantum (MU)
Type of Station		
a) Surface	Yes	—
b) Underground	No	—
Type of excitation		
a) Rotating exciters on generator	No	—
b) Static excitation	Yes	—
Auxiliary Consumption (As % of Total Generation)	0.5%	7.83
Transformation losses (As % of Total Generation)	0.5%	7.83

Design Energy and Primary Energy Charges

20) It is respectfully submitted that the design energy and saleable energy of 1566.10 MU and 1550.44 MU respectively has been determined by the petitioner for MB-II HEP as per Regulations.

21) It is respectfully submitted that the above stated AFC and the corresponding tariff may kindly be considered and allowed for energy sales to UPCL.

22) It is further respectfully submitted that the Hon'ble Commission in respect of MB-II HEP has given following directives in para 6.1.2 of its tariff order dated 10/05/11.

Further, the Commission also directs UJVNL to submit report wherein the reasons for not achieving the generation equal to the design energy for MB-II should be provided along with the Action Plan to improve the generation of MB-II."

23) It is further respectfully submitted that copy of report wherein the reasons for not achieving the generation equal to the design energy for MB-II is placed at **Annexure-I** enclosed for kind perusal.

24) As regards the matter of applicability and payment of capacity charges as well as the methodology for computing the said charges, the Hon'ble Commission has observed/directed as follows in Para 4.10 (page-45) of the Tariff order dated 10/05/11:-

"The Petitioner is advised to take up the matter urgently with UPCL and SLDC in accordance with the Commission's directions given in the meeting of the Coordination Forum and settle the same amicably. It should be noted that the ARR & Tariff determination process is an independent exercise and the same should not be treated as a dispute settlement mechanism. If any dispute exists between the generating company and the distribution licensee, either of the parties can approach the Commission to adjudicate upon the dispute between them under Section 86(1)(f) of the Act. The Petitioner is advised to take note of the Commission's approach, reproduced above and adopted in the previous Order and proceed to resolve the matter cordially".

25) It is respectfully submitted that the matter of applicability & pay ability of Capacity Charges as well as the methodology for computing the said

charges, Capacity Index Incentive and Deemed Generation Charges have been a matter of dispute between UJVNL & UPCL in the past. Even on clarification by the Hon'ble Commission vide letter No-724/UERC/Misc.-ADD N0-42/2005 dated 20.1.06 UPCL continues to with hold payment towards the said charges billed by UJVNL.

26)In accordance to the directives of the Hon'ble Commission meetings of the Group constituted in this regard were held, deliberations whereof were informed to the Hon'ble Commission from time to time. Minutes of meeting of the constituted group dated 6.2.2010 alongwith the correspondence in this regard is enclosed herewith at **Annexure –II** enclosed for kind reference.

27)It is respectfully prayed that suitable directions, as the Hon'ble Commission deems appropriate, on the subject charges may kindly be issued in this regard so as to avoid any anomaly, dispute or ambiguity at a later date between UJVNL & UPCL.

Capital Cost

28) It is respectfully submitted that the Hon'ble Commission may kindly consider the capital cost of MB-II HEP as on 15.03.2008 at Rs. 1933.97 crores as detailed below:-

(Rs.in Crores)

S. No.	Particulars	Amount
1.	Capital cost petitioned earlier based on audited accounts for the F.Y 2007-08	1894.81
2.	Add: Adjustment on account of guarantee fee payable to GoU pertaining to the period prior to CoD i.e. 15.3.2008	18.81
3.	Add: Adjustment on account of DRB award paid but not capitalized as per AS-16	44.51
	Total	1958.13

29) The means of financing to meet the capital cost of Rs 1958.13 crores is as follows:-

Means Of Financing	(Rs. In Crore)
Equity	596.83
PFC Loans	1200.00
Un paid liabilities	142.49
Guarantee fee payable	18.81
Total	1958.13

It is respectfully submitted that capital cost of MB-II HEP as on 15.2.2008 earlier petitioned was Rs.1894.81 crores. The said capital cost has been enhanced by Rs.63.32 crores as detailed above due to the following reasons:-

- (i) Guarantee fee on outstanding of PFC loan amount at the commencement of the financial year is payable to GoU @1%. Such guarantee fee is payable at the beginning of the financial year. In case of deferment in payment of such guarantee fee the applicable rate is 2% as per GoU orders in this regard. Prior to CoD i.e.15.3.08 such guarantee fee was paid subsequent to the financial year in which it became due. UJVN Ltd. requested GoU to waive off the additional 1% of the

guarantee fee. UJVN Ltd request was not accepted by GoU hence provision of the same has been made in the accounts for the F.Y 2009-10.

Since the amount pertains to the period prior to COD i.e. 15.3.08 hence the same has been added to the capital cost as on COD i.e. 15.3.08.

(2) DRB had awarded an amount of Rs.69.60 crores in favour of M/s Hydel Construction Co. Pvt. Ltd one of the contractors of MB-II project in the F.Y 2003-04. An amount of Rs.44.51 crores (net) paid on account of the said award was not capitalised in accordance to the accounting standard -16.

Since the above referred amount of Rs.44.51 crores was incurred for MB-II project out of project specific funds hence the same has been included in the capital cost as on 15.3.08.

It is humbly requested that the Hon'ble Commission may kindly take a view in this regard and if deemed appropriate may kindly consider the said amount of Rs. 44.51 crores.

30)It is respectfully submitted that in view of above, the capital cost of Rs 1958.13 Crores incurred up to 15.03.08 may kindly be considered.

Additional Capitalization

31) The petitioner respectfully submits that additional capitalisation has been taken on the basis of actual capital expenditure incurred upto 31.3.2011 as per regulations.

(Rs. in Crores)

Particulars of Assets	Capital cost as per balance sheet	Add GoU guarantee fee of Rs. 18.81 cr. and DRB payment 44.51 cr	Capital cost as on CoD	From 15.03.08 to 31.03.08	FY 2008-09	FY 2009-10	FY 2010-11
a) Land	0.00		0.00	0	0	0	0.012
b) Building	1085.87	10.78	1096.65	0	-0.006	0.027	0.007
c) Major Civil Works	356.79	48.05	404.8	0	0.000	0.425	6.943
d) Plant & Machinery	451.93	4.49	456.42	0.021	1.281	0.004	0.414
e) Vehicles	0.08		0.08	0.021	0.091	0.177	0.264
f) Furniture and Fixtures	0.04		0.04	0.036	0.330	0.041	0.143
g) Office Equipment & Other Items	0.10		0.10	0.017	0.418	0.206	0.071
Total	1894.81	63.32	1958.13	0.095	2.11	0.879	7.854
Financing of Capital Cost							
PFC Loan Rs. 1200 Cr			1200	1200	1200	1200	1200
PFC Add Loan Rs. 94.66 Cr.						75.63	75.63
GoU Loan Rs. 90 Cr.					31.58	32.46	40.31
Equity			596.83	596.92	634.32	634.32	634.32
Unpaid lib.			142.49	142.49	75.63		
Un paid lib of Guarantee fee			18.81	18.81	18.81	18.81	18.81
Total			1958.13	1958.22	1960.34	1961.22	1969.07

Note: Guarantee fee amounting Rs. 18.81 Cr. payable to GoU has been apportioned on building, major civil works and Plant & Machinery in the ratio of its capital cost and DRB award amounting to Rs. 44.51 cr. has been claimed under the heading Major civil works.

32) It is respectfully submitted that after incorporating necessary adjustments as detailed above, in the current filing aforesaid data has been considered as per the final accounts of the Nigam the current status of which is as follows:

- **FY 2007-08:** The Audited Balance Sheet for the FY 2007-08 is placed at **Annexure III** for ready reference.
- **FY 2008-09:** The Audited Balance Sheet for the FY 2008-09 is placed at **Annexure IV** for ready reference
- **FY 2009-10:** The Audited Balance Sheet for the FY 2009-10 is placed at **Annexure V** for ready reference
- **FY 2010-11:** The Provisional Balance sheet for the FY 2010-11 is placed at **Annexure VI** enclosed.

33) It is respectfully submitted further that the accounts are maintained centrally for the various HEPs. In certain instances one - to - one correlation of the accounting divisions is possible with individual stations. However, for others, some form of apportionment is necessary for allocating certain expenses that are incurred by accounting units that serves more than one station.

34) In view of the above, 10 % of total additional capital expenses incurred by such accounting divisions serving more than one station e.g Head Office/ Corporate Office have been apportioned on MB-II.

35) The detailed working of such allocation of capital expenditure for the FY 2008-09 to 2010-11 is placed at **Annexure-VII** enclosed.

36) It is respectfully submitted that in order to ensure efficiency and safety as well as ensuring continuous operation of the plants the additional capitalization was required to be incurred which may kindly be considered and allowed by the Hon'ble commission. Kind attention is invited to Regulation 16 (2) of the Hon'ble Commission's Terms and Conditions of Tariff Regulations explicitly permit additional works/service, which may become necessary for efficient and successful operation of the plant.

37) It is respectfully submitted that Hon'ble Commission has accepted only the actual capital cost incurred / accrued in its tariff order dated 10.05.11. Hence additional capitalization has been claimed accordingly.

38) It is respectfully brought to kind attention of the Hon'ble Commission that the balance capital works are yet to be executed on MB-II HEP

estimated cost of which is Rs. 168.32 Crores. The DPR of the said unexecuted capital works has been prepared. Brief details of the said capital works is as follows:-

(Rs. In Lakhs)

Sl.No	Particulars of works	Estimated Amount
1.	Rehabilitation	Rs.1555.94
2.	Compensation for the affected people	Rs. 116.46
3.	Construction of protection wall	Rs. 231.54
4.	Modification of tail race channel	Rs.2415.00
5.	Construction of office building at Joshiyara	Rs. 102.74
6.	Construction of Joshiyara colony	Rs. 109.77
7.	Construction of Road from Joshiyara Bridge to flushing conduit on left bank (1.2 km) and from Barrage to NH-108 on Right Bank (0.4 km).	Rs. 222.08
8.	Construction of boundary wall, security fencing and gate for Shaktipuram colony and shifting of existing boundary wall of Shaktipuram colony and provide the separate way for villagers behind Shaktipuram colony.	Rs. 159.36
9.	Construction of 04 Nos Type-IV Residences and 01 Nos Type-V Residence in Shaktipuram Colony, Chinyalisaur	Rs.109.77
10.	Construction of school building for Saraswati Shishu Mandir School in Shaktipuram Colony , Chinyalisaur.	Rs. 199.79
11.	Strengthening of water distribution system of Shaktipuram Colony, Chinyalisaur.	Rs. 88.57
12.	Construction of workshop building at Dharasu Power house of MB-II project.	Rs.141.78
13.	Protection work on hill slope behind power house	Rs. 257.00
14.	Testing of surge shaft gate	Rs. 339.9
15.	Centage charges	Rs.6084.00
16.	Payments of M/s NHPC against claims of principal agreement in accordance to the decision of High Power Committee	Rs.646.39
17.	Liabilities against major civil contract of MB-II project.	
(a)	Reimbursement of Sales tax	Rs.815.32
(b)	Reimbursement of royalty	Rs. 45.13
(c)	Payment against misc.Works	Rs. 26.03
(d)	Security	Rs. 35.00
(e)	Pending payment of GSI	Rs. 95.32
(f)	Expenditure incurred for arbitration	Rs 35.00
	Total	16831.89

The above referred DPR shall be submitted separately in accordance to the provisions of UERC Conduct of Business Regulations' 2004 for kind consideration of Hon'ble Commission.

39)The Petitioner respectfully prays that the additional capital expenditure incurred/ accrued as detailed above may kindly be considered by the Hon'ble Commission while determining the tariff of MB-II HEP.

Debt – Equity Ratio

40) Return on Equity:

The Hon'ble Commission in Para 5.2.5 of the order dated 10.05.11 has not considered Return on equity on the funds deployed by GoU out of Power development Fund (PDF). The relevant para of Hon'ble Commission's order dated 10.05.11 is reproduced below:

“The Commission has not been allowing Return on Equity on funds deployed by the GoU out of PDF fund for various reasons recorded in the previous Tariff Orders. With regard to the above submissions of the Petitioner, the Commission would like to point out that unlike other funds available with the Government collected through taxes and duties, PDF is a dedicated fund created in accordance with the provisions of the PDF Act passed by the GoU. PDF Act and Rules made there-under, further, clearly indicate that money available in this fund has to be utilized for the purposes of development of generation and transmission assets. The money for the purpose of this fund is collected by the State Government through cess imposed on the electricity generated by more than 10 year old Hydro Generating Station. The cost of such cess is further passed on to UPCL and which in turn recovers the same from ultimate consumers of electricity through tariffs. The money available in this fund is, accordingly, provided by the consumers of electricity in the State and is, accordingly, their money. Since, under the Tariff Regulations of the Commission, licensees are not allowed any return on money contributed by the consumers for creation of assets, the Commission has not been allowing return on such contribution made by the Government out of PDF. In this connection, it also needs to be highlighted that in case Commission allows returns on such money invested by the Government it would tantamount to double loading on consumers, first for financing the equity and then for servicing the same, i.e. first in the form of cess and thereafter in the form of return allowed to licensee as both these

form part of respective utilities ARR and would ultimately be recovered from the final consumers of electricity through tariffs.

Further, since the Commission in its previous Tariff Order for FY 2009-10 and FY 2010-11 had not allowed any return on funds provided by GoU out of money recovered from consumers by way of PDF for reasons spelt out in the said Orders, hence, at present also, there seems no reason to revisit this issue and the Commission is, therefore, not allowing any return on equity utilized for creation of assets funded out of PDF.”

41) It is respectfully submitted that GoU had advised the Hon'ble Commission to allow Return on equity on the amount contributed by GoU out of withdrawal from PDF vide letter no. 337/1(2)/2011-04-(01)/84/2008 dated 11.02.11. In view of the said recommendations of GoU it is respectfully submitted that return on equity contributed by GoU out of withdrawal from PDF may kindly be allowed by the Hon'ble Commission.

42) It is further respectfully submitted that Return on Equity has been computed assuming a debt equity ratio of 70:30 in accordance with the regulations of the Hon'ble Commission.

As against equity employed of Rs. 644.32 Crores, equity considered for RoE purpose is 30% of the Capital cost in accordance to the regulations.

Based on the applicable Regulations 14% rate of Return on Equity has been adopted for MB-II HEP. The resultant returns are as follows:

(Rs. in Crores)

Component	FY 07-08	Fy 08-09	Fy 09-10	Fy 10-11	FY 12-13
Equity employed	634.32	644.32	644.32	644.32	644.32
Capital Cost with additional capitalization	1958.22	1960.34	1961.22	1969.07	1969.07
30% of the above capital cost	587.47	588.10	588.37	590.72	590.72
Equity Considered for RoE purpose	587.47	588.10	588.37	590.72	590.72
Return on equity	3.83	82.33	82.37	82.70	82.70

Note: For the FY 2007-08, ROE has been claimed for 17 days only.

43) Income Tax

The income Tax liability on the ROE computed above at the current rate of 33.99% would amount as follows: -

(Rs. in Crores)

Component	FY 07-08	Fy 08-09	Fy 09-10	Fy 10-11	FY 12-13
Return on equity	3.83	82.33	82.37	82.70	82.70
Income Tax Liability for the Year	0.97	20.89	20.90	20.98	20.98

44) It is respectfully submitted that copy of Income tax Return filed with The Income Tax Department for the Assessment year 2011-12 (is placed on **Annexure-IX** enclosed.

45) The Hon'ble Commission is humbly requested to consider the **Income Tax Liability** while determining the Tariff for aforesaid period.

Depreciation and Advance against Depreciation

46) Depreciation

It is submitted that the depreciation expense have been computed based on the asset classification shown below and the applicable depreciation rates for these asset categories. The rates have been taken based on the schedule provided as Appendix I to the Regulations, 2004 of the Hon'ble Commission.

Asset Class	Depreciation Rate
Land	0.00%
Building	2.57%
Major Civil Works	2.57%
Plant & Machinery	2.57%
Vehicles	18.00%
Furniture & Fixtures	6.00%
Office Equipments & Others	6.00%

47) It is respectfully submitted that the depreciation and advance against depreciation are provided in the annexed forms as detailed below:

(Rs. in Crores)

Component	FY 07-08	Fy 08-09	Fy 09-10	Fy 10-11	FY 12-13
Depreciation	2.34	50.44	50.50	50.75	50.75
Advance against Depreciation	0.00	12.72	77.00	80.84	79.50

48) It is respectfully submitted that Advance against Depreciation has been claimed in accordance to the Regulations.

49) It is respectfully prayed that the depreciation and advance against depreciation in accordance to the Regulation may kindly be considered and allowed by the Hon'ble Commission.

Operations & Maintenance expenses

50) It is respectfully submitted that Operation & maintenance expenses for the FY 2007-08 to FY 2010-11 have been claimed as per audited Accounts for the F.Y 2007-08, 2008-09, 2009-10 and provisional accounts for the F.Y 2010-11. Impact of arrear of VIth pay commission has been considered on cash basis by the Hon'ble Commission in its tariff order dated 10.05.11. Hence the O&M expenses for F.Y 2008-09 and 2009-10 have been computed as follows:-

(Rs. Crores)

Particulars	FY 2007-08 (From 15.03.08 to 31.03.08)	FY 2008-09	FY 2009-10	FY 2010-11
O & M Expenses as per B/S	0.12	26.73	30.07	36.72
Less: VIth Commission Arrear as per B/S		1.97		
Add: VIth Commission Arrear on cash basis			1.98	
O & M Expenses claimed	0.12	24.76	32.05	36.72

51) It is respectfully submitted that the O&M expenses for the FY 2011-12 has been computed by escalating the O& M expense of FY 2010-11

considering the average escalation of 6.29% as allowed by the Hon'ble Commission in accordance to the Regulations 2008 (terms & Conditions for Escalation Factor).

52) It is respectfully submitted that in addition to above, the following expenses may kindly be considered and allowed while determining the O& M expenses:

- a) **Regulatory Fee:** As the Tariff filing fee for petition of each Generating station is Rs 10 lacs, the Hon'ble Commission is requested to kindly consider Rs. 10 lacs on account of the said fee for FY 2012-13;
- b) **Insurance:** The actual insurance expenses incurred during the FY 2010-11 are Rs. 4.69 Crores. Petitioner has assumed that similar policy would be purchased in the FY 2012-13. Accordingly, the amount of Rs. 2.22 crores on account of insurance has been considered for FY 2012-13 for MB-II HEP.

The details of insurance policies purchased are placed at **Annexure IX.**

c) Cost of Concessional Supplies of Electricity to Employees residing in Colonies:

It is respectfully submitted that the cost of consumption in colonies/dam/barrages etc was provided in Para 5.3.5 in the tariff order dated 10.5.2011.

The cost of colony consumption pertaining to MB-II HEP from F.Y 2008-09 to FY 2010-11 has been computed on similar lines. The cost of the of Colony Consumption for FY 2012-13 has been considered same as allowed for the FY 2010-11.

The calculation sheet in respect to Colony Consumption is placed at **Annexure XI enclosed.**

- d) **Impact of Arrears of Pay Revision:** In the tariff order dated 10.05.11, Hon'ble commission has allowed the payment of arrear of VIth pay commission on cash basis. Hence, petitioner has considered the financial impact of arrear of VIth pay commission in FY 2009-10 on cash basis. The arrear of VIth

pay commission accrued in FY 2008-09 has not been considered in provisional truing for FY 2008-09.

53) In the view of all above, the O & M expenses for the FY from 2007-08 to FY 2010-11 and for FY 2012-13 submitted for kind consideration of the Hon'ble Commission are as detailed below:

(Rs. in Crores)

PARTICULARS	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2012-13
O & M expenses	0.12	24.76	32.05	36.42	41.15
Colony Consumption		0.37	0.34	0.27	0.27
Regulatory Expenses					0.10
Insurance					2.22
Total	0.12	25.13	32.39	36.69	43.74

54) It is respectfully prayed that the Hon'ble Commission may kindly consider and allow O & M expenses as detailed above.

Interest on Working Capital

55) In accordance to the Clause 27(1) of Regulations' 2004, UJVNL has projected the working capital for each of the plants based on normative levels as per the following:

- O&M expenses for one month;
- Maintenance spares @ 1% of plant & Equipment escalated @6% per annum;
- Receivables equivalent to two months of fixed charges for sale of electricity calculated on normative capacity index.

Cost of working capital financing has been considered at 13.25 % per annum on the basis of the PLR of State Bank of India as on 01.04.11. It is respectfully submitted that in terms of the above the interest on working capital works out as follows:

(Rs. in Crores)

PARTICULARS	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2012-13
Working Capital	14.72	59.93	69.57	72.90	71.66
Interest on working Capital	1.51	6.14	8.52	8.57	9.50

56) It is respectfully submitted that the Hon'ble Commission may kindly consider and allow the interest on working capital as detailed above.

Interest on loan capital

57) It is submitted that the interest on PFC loan (Rs. 1200Cr.), additional PFC loan (Rs. 94.66 Crore) and GoU loan (Rs. 90 Crore) have been computed only on loan utilized although actual interest paid is much more.

58) It is further respectfully submitted that 1% guarantee fee payable to GOU on PFC loan is also claimed only on outstanding loan utilized although actual guarantee fee is much more.

(Rs. In Crore)

Particulars	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2012-13
a. PFC loan (1200 Crore) including add. PFC loan (94.66 Crore)	1200.00	1200.00	1294.66	1294.66	1264.66
b. Gou Loan (Rs. 90)	-	90.00	90.00	90.00	90.00
Interest on above a & b including 1 % guarantee fee	6.33	149.64	124.18	128.04	104.26
Additional interest paid against AG & SP subsidy*	0.25	6.12	1.65	-	-
Total	6.57	155.76	125.83	128.04	104.26

Note: *It is respectfully submitted that additional interest amounting to Rs.8.02 crores were required to be paid to PFC on account of withdrawal of AG & SP subsidy in the Financial years 2007-08, 2008-

09 & 2009-10. Since interest on loan as submitted above is being considered on the basis of loan utilized the additional burden of Rs.8.01 crores may kindly be considered by the Hon'ble Commission.

59) It is respectfully prayed that the interest on loan as detailed above may kindly be considered and allowed by the Hon'ble Commission.

Gross Annual Fixed Charges for MB-II HEP

60) It is respectfully submitted that in view of the submissions above the total Gross Annual Fixed Charges for Maneri Bhali-II HEP for each of the tariff years is provided in the table below:

(Rs. In Crore)

Particulars	FY 2007-08	FY 2008-09	FY 2009-10	FY 2010-11	FY 2012-13
Interest on Loan Capital	6.57	155.76	125.83	128.04	104.26
Depreciation	2.34	50.44	50.50	50.75	50.75
Advance Against Depreciation	0.00	12.72	77.00	80.84	79.50
O&M Expense	0.12	25.13	32.39	36.69	43.74
Interest on Working Capital	1.51	6.14	8.52	8.57	9.50
Return on Equity	3.83	82.33	82.37	82.70	82.70
Annual Fixed Charges	14.38	332.52	376.62	387.59	370.45
Less Non tariff Income*		15.35	7.02	2.07	
Net Annual Fixed Charges	14.38	317.17	369.60	385.52	370.45

Note: Details of Non tariff income is placed at **ANNEXURE-XIII** enclosed

61) It is respectfully submitted that in view of the Hon'ble Commission's directives contained in Para 4.3 of Chapter IV of the tariff order dated 10.5.2011 wherein the Hon'ble commission has stated that it will take a final view with respect to actual capital cost and means of finance for MB-II project after submission of report by the Committee the above stated Annual Fixed Charges and

resulting tariff may kindly be considered and allowed provisionally for energy sales to UPCL.

62) This petition includes the following documents:

- i) **PART I** : Main Petition and Detailed tariff formats;
- ii) **PART II** : Supporting documents and Annexure mentioned in the petition along with copy of the provisional trial balances in evidence of expenses incurred in the current financial year placed at **Annexure-XIII** enclosed;
- iii) Soft Copy of the petition.

D. Cause of Action

63) Under Section 62 and 86 of the Electricity Act, 2003 and as per section 4(1) of the UERC Tariff Regulations, UJVNL is required to obtain approval for its tariff from the Hon'ble Commission based on provisions of the Tariff Regulations.

E. Ground of Relief

64) The Hon'ble Commission vide notification dated 26/06/11 has extended the validity period of Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Hydro Generation Tariff) Regulations, 2004 up to 30/11/11. Hence the present filing is in accordance to said Regulations.

F. Detail of Remedies Exhausted

65) Not Applicable

G. Matter Not Previously Filed or Pending With any Court

66) The petitioner (s) further declares that he has not previously filed any petition or writ petition or suit regarding the matter in respect of which this petition has been made, before the Commission, or any other court or any other authority, nor any such writ petition or suit is pending before any of them.

H. Relief Sought

In view of the facts mentioned above, the Petitioner respectfully prays for the relief as stated below:

67)The Petitioner respectfully requests that the orders of the Hon'ble Commission may adequately consider the positions expounded in the present petition for approval of Provisional Annual Fixed Charges for the FY 2012-13 and provisional truing up for the FY 2007-08 to FY 2010-11. This Petition incorporates substantially improved information as compared to the earlier tariff petition. However the Petitioner is making continuous efforts to refine the information system further which has started generating results. The same may be suitably considered for the orders of the Hon'ble Commission.

68)The financial projections have been developed based on the Petitioner's assessment, trend available and estimates available for the FY 2012-13. There could be differences between the projections and the actual performance of the Petitioner. The Hon'ble Commission may condone the same. The Petitioner also requests the Hon'ble Commission to allow to make revisions to the Petition and submit additional relevant information that may emerge or become available subsequent to this filing.

69)The unresolved issue pertaining to capacity charges, capacity index, Incentive & Deemed generation charges with Uttarakhand Power Corporation Limited has been highlighted in this petition by the petitioner. It is most respectfully submitted that Hon'ble commission may kindly issue necessary directive in this regard.

70)While the tariff regulations of the Hon'ble Commission permit the generating companies to seek tariffs for a period up to five years, in view of the Regulations, 2004 being in force up to the 30/11/11 the Petitioner is seeking provisional tariffs only. The Petitioner shall approach the Hon'ble Commission for determination of final Tariff after the Hon'ble Commission firm up its views on the capital cost of the project.

71)In view of the foregoing, the Petitioner respectfully prays that the Hon'ble Commission may:

- (i) Accept and approve the accompanying projected financial information of the Petitioner for determination of provisional generation tariff for the FY 2012-13 and provisional true up for the F.Y 2007-08 to 2010-11 prepared in accordance with Tariff Regulations established by the Hon'ble Commission and directives of the Hon'ble Commission contained in the earlier tariff orders.

- (ii) Grant suitable opportunity to the Petitioner within a reasonable time frame to file additional material information that may be subsequently available;
- (iii) Grant the waivers prayed with respect to such filing requirements as the Petitioner is unable to comply with at this stage of filing;
- (iv) Treat the filing as complete in view of substantial compliance and also the specific humble requests for waivers with justification placed on record;
- (v) Condone any inadvertent omissions/ errors/ shortcomings and permit the Petitioner to add/ change/ modify/ alter this filing and make further submissions as may be required at a future date;
- (vi) Consider and approve the Petitioner's application including all requested regulatory treatments in the filing;
- (vii) Consider the submissions of Petitioner that could be at variance with the orders and regulations of the Hon'ble Commission, but are nevertheless fully justified from a practical viewpoint;
- (viii) Pass such orders as the Hon'ble Commission may deem fit and proper keeping in mind the facts and circumstances of the case.

I. Interim Order, in any, prayed for

72) Not Applicable

J. Details of Index

73) The list of enclosures is detailed below: -

The list of enclosures is detailed below: -

- i) **Annexure-I:-** Copy of report for not achieving the generation equal to the design energy for MB-II
- ii) **Annexure-II:-** Copy of correspondence with UPCL in respect of CC, CI and Deemed Generation.
- iii) **Annexure III:-** Copy of audited balance sheet for the F.Y 2007-08
- iv) **Annexure-IV:-** Copy of audited balance sheet for the F.Y 2008-09.
- v) **Annexure-V:-** Copy of audited balance sheet for the F.Y 2009-10.

- vi) **Annexure-VI:-** Copy of provisional balance sheet for the F.Y 10-11.
- vii) **Annexure VII:-** The detailed working of allocation of capital expenditure for the FY 2008-09 to FY 2010-11
- viii) **Annexure VIII:-** - Copy of GoU letter no. 337/1(2)/20011-04-(01)/84 /2008 dated 11.02.11
- ix) **Annexure IX:-** -. Income Tax Return for the assessment year 11-12.
- x) **Annexure X:-** The details of insurance policies purchase for Financial Year 2011-12
- xi) **Annexure XI:-** Copy of calculation sheet of cost of colony consumption.
- xii) **Annexure-XII:-** Details of non tariff income from FY 2008-09 to FY 2010-11
- xiii) **Annexure-XIII:-** Copy of the provisional trail balances in evidence of expenses incurred in the current financial year.

K. Particulars of Fee Remitted

74) The details of the fee remitted are as follows:

Bank Draft No -
In favour of- Uttarakhand Electricity Regulatory Commission
Drawn at - PNB - Yamuna Colony
Dated -

L. List Of Enclosures

75) Tariff Determination Forms

76) Supporting documents and Annexure mentioned in the petition;

- i) **Annexure-I:-** Copy of report for not achieving the generation equal to the design energy for MB-II
- ii) **Annexure-II:-** Copy of correspondence with UPCL in respect of CC, CI and Deemed Generation.
- iii) **Annexure III:-** - Copy of audited balance sheet for the F.Y 2007-08

- iv) **Annexure-IV:-** Copy of audited balance sheet for the F.Y 2008-09.
- v) **Annexure-V:-** Copy of audited balance sheet for the F.Y 2009-10.
- vi) **Annexure-VI:-** Copy of provisional balance sheet for the F.Y 10-11.
- vii) **Annexure VII:-** The detailed working of allocation of capital expenditure for the FY 2008-09 to FY 2010-11
- viii) **Annexure VIII: -** Copy of GoU letter no. 337/1(2)/20011-04-(01)/84 /2008 dated 11.02.11
- ix) **Annexure IX: -** Income Tax Return for the assessment year 11-12.
- x) **Annexure X:-** The details of insurance policies purchase for Financial Year 2011-12
- xi) **Annexure XI:** Copy of calculation sheet of cost of colony consumption.
- xii) **Annexure-XII:-** Details of non tariff income from FY 2008-09 to FY 2010-11
- xiii) **Annexure-XIII:-** Copy of the provisional trail balances in evidence of expenses incurred in the current financial year.

UJVN Ltd.

Petitioner

Dehradun

Dated:

Form 1: Calculation of Per Unit Rate

Name of the Power Station:

Maneri Bhali-II

Sl.No	Particulars	Unit	Tariff Year (2007-08)	Tariff Year (2008-09)	Tariff Year (2009-10)	Tariff Year (2010-11)	Tariff Year (2012-13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Gross Annual Fixed Charges (Form-3)	(Rs. Crore)	14.38	317.17	369.60	385.52	370.45
2	Saleable Energy (Form-2)	(MU)	1550.44	1550.44	1550.44	1550.44	1550.44
3	Saleable Energy (this row is only for FY 2007-08)	(MU)	72.21	1550.44	1550.44	1550.44	1550.44
3	Per unit Rate of Saleable Energy	(Rs./unit)	1.99	2.05	2.38	2.49	2.39

Form 2-1 : Computation of Saleable Energy & Capacity Index

Name of the Power Station:

Maneri Bhali -II

Sl. No.	Description	Unit	Tariff Year (2007-08)	Year 2	Year 3	Year 4	Year 4 Current Year (2011-12)			Tariff Year (2012-13)
				2008-09	2009-10	2010-11	Actual (April-Oct)	Projected	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Installed Capacity	(MW)	4 X 76	4 X 76	4 X 76	4 X 76	4 X 76	4 X 76	4 X 76	4 X 76
2	Date of commercial operation									
	(a) Unit-1	(DD/MM/YY)	21.02.08	21.02.10	21.02.11	21.02.11	21.02.12	21.02.13	21.02.14	21.02.15
	(b) Unit-2	(DD/MM/YY)	15.03.08	15.03.10	15.03.11	15.03.11	15.03.12	15.03.13	15.03.14	15.03.15
	(c) Unit-3	(DD/MM/YY)	01.03.08	01.03.10	01.03.11	01.03.11	01.03.12	01.03.13	01.03.14	01.03.15
	(c) Unit-4 etc.	(DD/MM/YY) etc.	08.03.08	08.03.10	08.03.11	08.03.11	08.03.12	08.03.13	08.03.14	08.03.15
3	Type of Station									
	a) Surface	(Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	b) Underground	(Yes/No)	No	No	No	No	No	No	No	No
4	Type of excitation									
	a) Rotating exciters on generator	(Yes/No)	No	No	No	No	No	No	No	No
	b) Static excitation	(Yes/No)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
5	Design Energy as per TEC (Annual)	(MU)	1566.10	1566.10	1566.10	1566.10	1208.70	357.40	1566.10	1566.10
6	Actual Energy Generated	(MU)	NA	NA	NA	NA	NA	NA	NA	NA
6(a)	Primary Energy (Actual Energy upto Design Energy)	(MU)	31.53	1044.95	1198.04	1335.96	1072.98	357.40	1430.38	1566.10
6(b)	Secondary Energy (Energy above Design Energy)	(MU)	0	0	0	0	0	0	0	0
7	Auxiliary Consumption									
	(a) In % of Energy Generated	(%)	0.39%	0.33%	0.37%	0.36%	0.33%	0.50%	0.50%	0.50%
	(b) In MU	(MU)	0.12	3.42	4.49	4.75	3.54	1.79	7.15	7.83
8	Transformation losses									
	(a) In % of Energy Generated	(%)	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%	0.50%
	(b) In MU	(MU)	0.16	5.22	5.99	6.68	5.36	1.79	7.15	7.83
9	Energy Sent Out (6-7b-8b)	(MU)	31.40	1035.71	1187.47	1324.69	1062.90	353.83	1416.08	1550.44
10	Home State Share	(%)	NA	NA	NA	NA	NA	NA	NA	NA
11	Saleable Energy {(9)x[1-(10)]}	(MU)	31.40	1035.71	1187.47	1324.69	1062.90	353.83	1416.08	1550.44
12	Saleable Primary Energy	(MU)	31.40	1035.71	1187.47	1324.69	1062.90	353.83	1416.08	1550.44
13	Saleable Secondary Energy	(MU)	0	0	0	0	0	0	0	0
14	Design Energy (net of aux. cons., trans. loss & home state share) {[5]-7(b)-8(b)}*[1-(10)]		31.25	1036.30	1187.56	1324.53	1064.08	353.83	1416.08	1550.44
15	Capacity Index						85.00%			

Form 2-2 : Information on Energy Generated (MU)

Name of the Power Station:

Maneri Bhali-II

Sl.No.	Month	Design Energy	Preceding years			Year 4 2010-11			Tariff Year (2011-12)
			Year 1 2007-08	Year 2 2008-09	Year 3 2009-10	(7) actual	(8) projected	(9) Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7) actual	(8) projected	(9) Total	(10)
1	April	111.00		75.08	55.67	78.18		78.18	111.00
2	May	117.70		144.22	129.10	164.96		164.96	117.70
3	June	201.80		163.85	176.50	168.92		168.92	201.80
4	July	214.90		135.25	168.77	192.35		192.35	214.90
5	August	214.90		2.80	141.33	157.75		157.75	214.90
6	September	207.90		129.00	160.97	176.73		176.73	207.90
7	October	140.50		125.57	115.34	134.09		134.09	140.50
8	November	86.00		78.22	62.24		86.00	86.00	86.00
9	December	73.70		60.02	46.98		73.70	73.70	73.70
10	January	64.30		49.89	43.43		64.30	64.30	64.30
11	February	51.80	19.34	38.02	39.72		51.80	51.80	51.80
12	March	81.60	57.49	43.03	57.99		81.60	81.60	81.60
	Total	1566.10	76.83	1044.95	1198.04	1072.98	357.40	1430.38	1566.10

(Petitioner)

Form 2-3: Salient Features of Hydroelectric Project

Name of the Power Station:

Maneri Bhali-II

1. Location	Josiyara, Uttarkashi
State/Distt.	Uttarkashi(Uttaranchal)
River	Bhagirathi
2. Diversion Tunnel	
Size, shape	NA
Length	NA
3. Dam	
Type	Diversion Barrage
Maximum dam height	NA
4. Spillway	
Type	--
Crest level of spillway	EL 1099.25
5. Reservoir	
Full Reservoir Level (FRL)	EL 1108.0
Minimum Draw Down Level (MDDL)	EL 1103.0
Live storage (MCM)	7.55 lakh CuM
6. Desilting Arrangement	
Type	Hoppers (93 m X 182 m)
Number and Size	97 Hopper(13 X 13 m)
Particle size to be removed(mm)	0.15 mm and above
7. Head Race Tunnel	
Size and type	6 meter dia Horse Shoe section
Length	16 km
Design discharge(Cumecs)	142 Cumecs
8. Surge Shaft	
Type	Restricted orifice
Diameter	13.7 m
Height	172 m
9. Penstock/Pressure shafts	
Type	Steel
Diameter & Length	3 m & Length 800 m each (average)
10. Power House	
Type	Surface
Installed capacity (No of units x MW)	4 X 76
Peaking capacity during lean period (MW)	304 MW
Type of turbine	Francis Turbine
Rated Head(M)	267.6 m
Rated Discharge(Cumecs)	35.5 Cumecs
11. Tail Race Tunnel	
Diameter, shape	Open Channel
Length	125 m(Approx)
Minimum tail water level	EL 820 m
12. Switchyard	
Type of Switch gear	220 KV (Conventional)
No. of generator bays	4
No. of Bus coupler bays	1
No. of line bays	5
No. of Station Transformer Bay	1

(Petitioner)

Form 3 : Calculation of Net Annual Fixed Charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Sl.No.	Year ending March	Year 1	Year 2	Year 3	Year 4	Year 5
		(From 15.03.08 to 31.03.08)	2008-09	2009-10	2010-11	2012-13
(1)	(2)	(5)	(6)	(7)	(8)	(9)
1	Interest on Loan (As per Form 9)	6.57	155.76	125.83	128.04	104.26
2	Depreciation (As per Form 5)	2.34	50.44	50.50	50.75	50.75
3	Advance Against Depreciation					
	(a) Loan repayment during year (As per Form 9)	0.00	63.16	127.50	131.59	130.25
	(b) 1/10th of Loan (As per Form 9)	120	120	138.466	138.466	138.466
	(c) Amount Admissible under AAD [Minimum of (a) and (b)]*	0.00	63.16	127.50	131.59	130.25
	(d) Advance Against Depreciation (AAD) [only if +ve]{3(c) - 2}	0.00	12.72	77.00	80.84	79.50
4	Return on Equity					
	(a) Rate of Return on Equity	14%	14%	14%	14%	14%
	(b) Equity (As per Form 7, with the ceiling specified in Regulation 18)	587.47	588.10	588.37	590.72	590.72
	(c) Return on Equity (4a)*(4b)	82.25	82.33	82.37	82.70	82.70
	d) ROE from 15.03.08 to 31.03.08	3.83				
5	O&M Expenses (As per Form 11-1)	0.12	25.13	32.39	36.69	43.74
6	Interest on Working Capital (As per Form 10)	1.51	6.14	8.52	8.57	9.50
7	Gross Annual Fixed Charges (1+2+3(d)+4(c)+5+6)	14.38	332.52	376.62	387.59	370.45
8	Less; Other Income (Provide Details below)					
(a)	Component 1		15.35	7.02	2.07	0
(b)	Component 2, etc.					
9	Net Annual Fixed Charges (8-9)	14.38	317.17	369.60	385.52	370.45

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Final Approved Cost as on Commercial Operations Date @

(Rs in Crore)

	Capital Expenditure	Date of commercial operation
(a) Unit-1		21.02.08
(b) Unit-2		15.03.08
(c) Unit-3		01.03.08
(d) Unit-4		08.03.08
(e) Unit-5 etc.*		

Original Financing Plan (Unitwise) for 15.03.09

Rupee Term Loan		
Debt 1(in Rs Crores)	Power Finance Corporation	1200.00
Debt 2 (in Rs Crores)	GoU (utilized)	
Debt 3 (in Rs Crores)	Un paid Liability	142.49
Debt 4	Un paid Liability against Guarantee fee	18.81
Foreign Currency Loan		
Debt 1		
Equity		
In Rupees Crores (rec. from GoU)		644.32
In Rupees Crores (utilized)		596.83
In Foreign Currency		

Particulars of Assets	Balance at the beginning of the year (as on 15.03.2008)		
(1)	(2)		
a) Land	0.00		
b) Building	1096.65		
c) Major Civil Works	404.84		
d) Plant & Machinery	456.42		
e) Vehicles	0.08		
f) Furniture and Fixtures	0.04		
g) Office Equipment & Other Items	0.10		
Total	1958.129		

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Year: 2007-08

Particulars of Assets**	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
(1)	(2)	(3)	(4)	(5)
a) Land	0.00	0.000	0.00	0.00
b) Building	1096.65	0.000	0.00	1096.65
c) Major Civil Works	404.84	0.000	0.00	404.84
d) Plant & Machinery	456.42	0.021	0.00	456.44
e) Vehicles	0.08	0.021	0.00	0.10
f) Furniture and Fixtures	0.04	0.036	0.00	0.08
g) Office Equipment & Other Items	0.10	0.017	0.00	0.12
Total	1958.13	0.0950	0.00	1958.22

(Petitioner)

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Year: 2008-09

Particulars of Assets**	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
(1)	(2)	(3)	(4)	(5)
a) Land	0.00	0.0000	0.00	0.00
b) Building	1096.65	(0.0064)	0.00	1096.64
c) Major Civil Works	404.84	0.0003	0.00	404.84
d) Plant & Machinery	456.44	1.2813	0.00	457.72
e) Vehicles	0.10	0.0913	0.00	0.19
f) Furniture and Fixtures	0.08	0.3295	0.00	0.41
g) Office Equipment & Other Items	0.12	0.4175	0.00	0.54
Total	1958.22	2.1136	0.00	1960.34

Notes on data provided:

(Petitioner)

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Year: 2009-10

Particulars of Assets**	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
(1)	(2)	(3)	(4)	(5)
a) Land	0.00	0.0000	0.00	0.00
b) Building	1096.64	0.0269	0.00	1096.67
c) Major Civil Works	404.84	0.4249	0.00	405.26
d) Plant & Machinery	457.72	0.0037	0.00	457.73
e) Vehicles	0.19	0.1767	0.00	0.37
f) Furniture and Fixtures	0.41	0.0413	0.00	0.45
g) Office Equipment & Other Items	0.54	0.2059	0.00	0.74
Total	1960.34	0.8793	0.00	1961.22

(Petitioner)

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Year: 2010-11

Particulars of Assets**	Balance at the beginning of the year	Additions during the year 2010-11	Retirement of assets during the year	Balance at the end of the year
(1)	(2)	(3)	(4)	(5)
a) Land	0.00	0.0120	0.00	0.01
b) Building	1096.67	0.0072	0.00	1096.68
c) Major Civil Works	405.26	6.9429	0.00	412.21
d) Plant & Machinery	457.73	0.4139	0.00	458.14
e) Vehicles	0.37	0.2637	0.00	0.63
f) Furniture and Fixtures	0.45	0.1431	0.00	0.59
g) Office Equipment & Other Items	0.74	0.0711	0.00	0.81
Total	1961.22	7.8537	0.00	1969.07

(Petitioner)

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Year: 2011-12

Particulars of Assets**	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
(1)	(2)	(3)	(4)	(5)
a) Land	0.01	0.0000	0.00	0.01
b) Building	1096.68	0.0000	0.00	1096.68
c) Major Civil Works	412.21	0.0000	0.00	412.21
d) Plant & Machinery	458.14	0.0000	0.00	458.14
e) Vehicles	0.63	0.0000	0.00	0.63
f) Furniture and Fixtures	0.59	0.0000	0.00	0.59
g) Office Equipment & Other Items	0.81	0.0000	0.00	0.81
Total	1969.07	0.0000	0.00	1969.07

(Petitioner)

Form 4-1: Statement of Gross Fixed Asset Base & Financing Plan (Amount in Rs Crore)

Name of the Power Station:

Maneri Bhali-II

Year: 2012-13

Particulars of Assets**	Balance at the beginning of the year	Additions during the year	Retirement of assets during the year	Balance at the end of the year
(1)	(2)	(3)	(4)	(5)
a) Land	0.01	0.0000	0.00	0.01
b) Building	1096.68	0.0000	0.00	1096.68
c) Major Civil Works	412.21	0.0000	0.00	412.21
d) Plant & Machinery	458.14	0.0000	0.00	458.14
e) Vehicles	0.63	0.0000	0.00	0.63
f) Furniture and Fixtures	0.59	0.0000	0.00	0.59
g) Office Equipment & Other Items	0.81	0.0000	0.00	0.81
Total	1969.07	0.0000	0.00	1969.07

(Petitioner)

Form 5-2: Statement of Depreciation (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

year 2007-08

Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year (as on 15/03/08)	Depreciation provided for the year on assets already capitalised	Accumulated depreciation during the year 07-08	Accumulated depreciation during the 15.03.08 to 31.03.08
(1)	(2)	(3)	(4)	(5)=(3)+ (4)	(6) =(5)* (17/365)
a) Land	0.00%	0.00	0.000	0.00	0.00
b) Building	2.57%	28.18	0.000	28.18	1.31
c) Major Civil Works	2.57%	10.40	0.000	10.40	0.48
d) Plant & Machinery	2.57%	11.73	0.001	11.73	0.55
e) Vehicles	18.00%	0.01	0.004	0.02	0.00
f) Furniture and Fixtures	6.00%	0.00	0.002	0.00	0.00
g) Office Equipment & Others	6.00%	0.01	0.001	0.01	0.00
Total		50.34	0.01	50.35	2.34

Note:

i) Rate of Depreciation has been considered as per regulations.

Form 5-2: Statement of Depreciation (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year 2008-09

Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year (as on 31/03/08)	Depreciation provided for the year on assets already capitalised	Accumulated depreciation
(1)	(2)	(3)	(4)	(5) = (3)+(4)
a) Land	0.00%	0.00	0.00	0.00
b) Building	2.57%	28.18	0.00	28.18
c) Major Civil Works	2.57%	10.40	0.00	10.40
d) Plant & Machinery	2.57%	11.73	0.03	11.76
e) Vehicles	18.00%	0.02	0.02	0.03
f) Furniture and Fixtures	6.00%	0.00	0.02	0.02
g) Office Equipment & Others	6.00%	0.01	0.03	0.03
Total		50.35	0.09	50.44

Note:

i) Rate of Depreciation has been considered as per regulations.

Form 5-2: Statement of Depreciation (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year 2009-10

Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year (as on 15/03/09)	Depreciation provided for the year on assets already capitalised	Accumulated depreciation
(1)	(2)	(3)	(4)	(5) = (3)+(4)
a) Land	0.00%	0.00	0.00	0.00
b) Building	2.57%	28.18	0.00	28.18
c) Major Civil Works	2.57%	10.40	0.01	10.42
d) Plant & Machinery	2.57%	11.76	0.00	11.76
e) Vehicles	18.00%	0.03	0.03	0.07
f) Furniture and Fixtures	6.00%	0.02	0.00	0.03
g) Office Equipment & Others	6.00%	0.03	0.01	0.04
Total		50.44	0.06	50.50

Note:

i) Rate of Depreciation has been considered as per regulations.

Form 5-2: Statement of Depreciation (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year 2010-11

Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year (as on 15/03/10)	Depreciation provided for the year on assets already capitalised	Accumulated depreciation
(1)	(2)	(3)	(4)	(5) = (3)+(4)
a) Land	0.00%	0.00	0.00	0.00
b) Building	2.57%	28.18	0.00	28.18
c) Major Civil Works	2.57%	10.42	0.18	10.59
d) Plant & Machinery	2.57%	11.76	0.01	11.77
e) Vehicles	18.00%	0.07	0.05	0.11
f) Furniture and Fixtures	6.00%	0.03	0.01	0.04
g) Office Equipment & Others	6.00%	0.04	0.00	0.05
Total		50.50	0.25	50.75

Note:

i) Rate of Depreciation has been considered as per regulations.

Form 5-2: Statement of Depreciation (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year 2011-12

Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year (as on 15/03/11)	Depreciation provided for the year on assets already capitalised	Accumulated depreciation
(1)	(2)	(3)	(4)	(5) = (3)+(4)
a) Land	0.00%	0.00	0.00	0.00
b) Building	2.57%	28.18	0.00	28.18
c) Major Civil Works	2.57%	10.59	0.00	10.59
d) Plant & Machinery	2.57%	11.77	0.00	11.77
e) Vehicles	18.00%	0.11	0.00	0.11
f) Furniture and Fixtures	6.00%	0.04	0.00	0.04
g) Office Equipment & Others	6.00%	0.05	0.00	0.05
Total		50.75	0.00	50.75

Note:

i) Rate of Depreciation has been considered as per regulations.

Form 5-2: Statement of Depreciation (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year 2012-13

Particulars of Assets	Rate of Depreciation in %	Accumulated depreciation at the beginning of the year (as on 15/03/12)	Depreciation provided for the year on assets already capitalised	Accumulated depreciation
(1)	(2)	(3)	(4)	(5) = (3)+(4)
a) Land	0.00%	0.00	0.00	0.00
b) Building	2.57%	28.18	0.00	28.18
c) Major Civil Works	2.57%	10.59	0.00	10.59
d) Plant & Machinery	2.57%	11.77	0.00	11.77
e) Vehicles	18.00%	0.11	0.00	0.11
f) Furniture and Fixtures	6.00%	0.04	0.00	0.04
g) Office Equipment & Others	6.00%	0.05	0.00	0.05
Total		50.75	0.00	50.75

Note:

i) Rate of Depreciation has been considered as per regulations.

Form 6-1: Statement of Capital Expenditure from COD (Rs. in Crore)

Name of the Power Station:
Approved Cost as on COD@:

MANERI BHALI-II

Particulars	FY of COD		Total Expenditure Incurred upto CoD 15.03.08	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Total Expenditure Actually Incurred
	(2)	(3)		(From 15.03.08 to 31.03.08)	2008-09	2009-10	2010-11	2011-12	2012-13	
(1)	(2)	(3)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
A) Expenditure Details										
a) Land			0.00	0.000	-	0.000	0.012	0.000	0.000	0.01
b) Building			1096.65	0.000	(0.006)	0.027	0.007	0.000	0.000	1096.68
c) Major Civil Works			404.84	0.000	0.000	0.425	6.943	0.000	0.000	412.21
d) Plant & Machinery			456.42	0.021	1.281	0.004	0.414	0.000	0.000	458.14
e) Vehicles			0.08	0.021	0.091	0.177	0.264	0.000	0.000	0.63
f) Furniture and Fixtures			0.04	0.036	0.330	0.041	0.143	0.000	0.000	0.59
g) Office Equipment & Other Items			0.10	0.017	0.418	0.206	0.071	0.000	0.000	0.81
Total			1958.13	0.095	2.114	0.879	7.854	0.000	0.000	1969.07
B) Break up of sources of financing										
Rupee term Loan										
Debt 1(PFC)			1200.00	1200.00	1200.00	1294.66	1294.66	1294.66	1294.66	
Debt 2 * (GOU loan)			0.00		90	90	90	90	90	
Total			1200.00	1200.00	1290.00	1384.66	1384.66	1384.66	1384.66	
Foreign Currency Loan										
Debt 1										
Debt 2 *										
Equity										
In Crore Rupees (from GoU)			634.32	634.32	644.32	644.32	644.32	644.32	644.32	
In Crore Rupees (Utilized)			596.83	596.92	634.32	634.32	634.32	634.32	634.32	
In Foreign Currency										
Total (B)			1834.32	1834.32	1934.32	2028.98	2028.98	2028.98	2028.98	

Form 6-3: Statement of Capital Expenditure and Schedule of Commissioning for New Projects (Rs. in Crore)

Name of the Power Station:

MANERI Bhali -II

Name of Agency approving the Project Cost Estimates

CEA

Date of Approval of Capital Cost Estimate

Present Day Cost (As on
.....Date)

Completed Cost (As on
Scheduled COD)

Approved Cost as per ca certificate

Foreign Exchange Rate considered for capital cost estimates

Cost Details

A) Basic Cost		Currency	Exchange Rate	Amount (Rs. Crore)
Foreign Component			NA	
Domestic Component		INR	NA	1558.01
Total Basic Cost	a	INR	NA	1558.01
B) IDC &FC				
IDC- Foreign Component			NA	
IDC- Indian Component		INR	NA	400.12
Total IDC &FC	b	INR	NA	400.12
C) Total Cost (Including IDC and FC)	c=(a+b)			1958.13
Total Cost				1958.13

Schedule of Commissioning

COD of Unit-I	21.02.08
COD of Unit-II	15.03.08
COD of Unit-III	01.03.08
COD of Unit-IV	08.03.08

Note: IDC includes AG & SP , guarantee fee paid to GoU and intrest paid to GoU.

(Petitioner)

Form 6-4: Break-up of Capital Expenditure for New Projects (Rs. in Crore)

Name of the Power Station:

Name of Agency approving the Project Cost Estimates

Additional Capitalization

Maneri Bhali -II

Central electricity authority

As per Audit Report and Balance Sheet

Particulars	Total Expenditure Approved by Competent Authority	Year 1	----	Current Year	Total Expenditure Incurred upto CoD 15.03.08	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
		Expenditure Actually Incurred				(From 15.03.08 to 31.03.08)	2008-09	2009-10	2010-11	2011-12	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
A) Expenditure Details											
a) Land					0.00	0.000	0.000	0.000	0.012	0.000	0.000
b) Building					1096.65	0.000	-0.006	0.027	0.007	0.000	0.000
c) Major Civil Works					404.84	0.000	0.000	0.425	6.943	0.000	0.000
d) Plant & Machinery					456.42	0.021	1.281	0.004	0.414	0.000	0.000
e) Vehicles					0.08	0.021	0.091	0.177	0.264	0.000	0.000
f) Furniture and Fixtures					0.04	0.036	0.330	0.041	0.143	0.000	0.000
g) Office Equipment & Other Items					0.10	0.017	0.418	0.206	0.071	0.000	0.000
Total					1958.129	0.095	2.114	0.879	7.854	0.000	0.000
Total					1958.13	1958.22	1960.34	1961.22	1969.07	1969.07	1969.07
B) Break up of sources of financing											
a) PFC Loans (Rs 1200 Cr)					1200.00	1200.00	1200.00	1200.00	1200.00	1200.00	1200.00
b) PFC Add. Loans (Rs 94.66 Cr)								75.63	75.63	75.63	75.63
c) GoU Loans (Rs 90 Cr)							39.59	40.47	48.32	48.32	48.32
d) unpaid liability					142.49	142.49	75.63				
e) unpaid liability of guarantee fee					18.81	18.81	18.81	18.81	18.81	18.81	18.81
f) Equity Utilized					604.84	604.94	634.32	634.32	634.32	634.32	634.32
Total (B)					1966.14	1966.24	1968.35	1969.23	1977.08	1977.08	1977.08

(Petitioner)

Form 6-5: Break up of Capital cost for hydro power generating station on COD

The Power Station:		Manri Bhali-II	(Rs. in crore)		
Sl. No.	Head of works	Original cost as approved by Authority	Cost on COD	Variation	Reasons for variation
1	2	3	4	5	6
1.0	Infrastructure Works				
1.1	Preliminary including Development				
1.2	Capitalised Abatement of Land revenue				
1.3	Land				
1.4	Buildings				
1.5	Township				
1.6	Maintenance				
1.7	Tools & Plants				
1.8	Communication				
1.9	Environment & Ecology				
1.10	Plantation				
1.11	Losses on stock				
1.12	Receipt & Recoveries				
1.13	Total (Infrastructure works)				
2.0	Major Civil Works				
2.1	Dam, Intake & Desilting Chambers				
2.2	HRT, TRT, Surge Shaft & Pressure shafts				
2.3	Power Plant civil works				
2.4	Other civil works (Capital work in Progress inherited from UPJVNL)				
2.5	Total (Major Civil Works)				
3.0	Hydro Mechanical equipments				
4.0	Plant & Equipment				
4.1	Initial spares of Plant & Equipment				
4.2	Total (Plant & Equipment)				
5.0	Taxes and Duties				
5.1	Custom Duty				
5.2	Other taxes & Duties				
5.3	Total Taxes & Duties				
6.0	Construction & Pre-commissioning expenses				
6.1	Erection, testing & commissioning				
6.2	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	Claims of the contractors				
7.6	Miscellaneous				
7.7	Suspense				
7.8	Rehabilitation & Resettlement				
7.9	Total (Overheads)				
8.0	Capital Cost without IDC & FC				
9.0	Financing charges (FC)(interest & Guarantee to GoU) and AGS &SP				
10.0	Interest during construction (IDC)				
11.0	Amount pending allocation				
11.0	Capital Cost with IDC & FC				
12.0	Less Infirm power				
13.0	Capital Cost		1958.13		

As per Fixed Assets Register

(Petitioner)

Form 6-6: Break up of Capital Cost for Plant & Equipment on COD

Name of the Power Station

Maneri Bhali-II

(Rs. in Crores)

Sl. No.	Head of works	Original Cost as approved by Authority	Cost on COD	Variation	Reasons for variation
1	2	3	4	5	6
1.0	Preliminary				
1.1	Generator, turbine & Accessories				
1.2	Generator package				
1.3	Turbine package				
1.4	Unit control Board				
1.5	C&I package				
1.6	Bus Duct of GT connection				
1.7	Construction Power Arrangement				
1.8	Total (Generator, turbine & Accessories)				
2.0	Auxiliary Electrical Equipment				
2.1	Step up transformer				
2.2	Unit Auxiliary Transformer				
2.3	Local supply transformer				
2.4	Station transformer				
2.5	SCADA				
2.6	Switchgear, Batteries, DC dist. Board				
2.7	220kv bus bars, insulators, hardwares&clamps				
2.8	Telecommunication equipment				
2.9	Illumination of Dam, PH and Switchyard				
2.10	Cables & cable facilities, grounding				
	Grounding and sheilding				
	Control cables				
	Power cables				
	Cable racks inside Power House & Switchyard				
	Ground mat and internal Earthing for Power House				
2.11	Galvanised Steel structures & trestles				
2.12	Pale fencing & security fencing				
2.13	Diesel generating sets				
2.14	DC System				
2.15	Control Relay boards				
2.16	Auxillary supply				
2.17	11kv lines & colony supply				
2.18	Miscellaneous				
2.19	Total (Auxiliary Elect. Equipment)				
3.0	Auxiliary equipment & services for power station				
3.1	EOT crane				
3.2	Other cranes				
3.3	Electric lifts & elevators				
	Electrical Auxillaries				
	Passenger lift				
3.4	Cooling water system				
3.5	Drainage & dewatering system(Compressed Air plant complete with piping & accessories)				
3.6	Fire fighting equipment				
3.7	Air conditioning, ventilation and heating				
3.8	Water supply system				
3.9	Oil handling equipment				
3.1	Workshop machines & equipment				
3.11	Miscellaneous				
3.12	Total (Auxiliary equipt. & services for PS)				
4.0	Switchyard package				
5.0	Initial spares for all above equipments				
5.1	Incidental charges				
6.0	Total (Plant & Equipment)		456.42		

As per Fixed Assets Register

(Petitioner)

Form 6-7: Break-up of Construction/Supply/Service packages on COD

the Power Station :

Maneri Bhali-II

SL.No.	Name/No. of Construction / Supply / Service Package	Scope of works (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of award in (Rs. Cr.)	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier(Rs.Cr.)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
As per Fixed Assets Register submitted with earliar filing											

Form 7: Detail of Capital Cost and Financing Structure (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year ending March	FY of COD#	Year 1 07-08	Year 2 2008-09	Year 3 2009-10	Year 4 2010-11	Year 5 2011-12	Year 5 2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Basic Project Financial Parameters							
Approved Capital Cost*		1958.13	1958.22	1960.34	1961.22	1969.07	1969.07
Addition during the year		0.10	2.11	0.88	7.85	0.00	0.00
Deletion during the year		0.00	0.00	0.00	0.00	0.00	0.00
Gross Capital Cost (A)		1958.22	1960.34	1961.22	1969.07	1969.07	1969.07
Equity applicable as per Regulations		587.47	588.10	588.37	590.72	590.72	590.72
Actual equity as on COD#		634.32	644.32	644.32	644.32	644.32	644.32
Debt outstanding against the original Capital cost		1200.00	1200.00	1294.66	1294.66	1294.66	1294.66
New Loans added during the year		90	90	90	90	90	90
Debt Sub-Total (C)		1290.00	1290.00	1384.66	1384.66	1384.66	1384.66
Grants against original project cost							
Addition during the year							
Grants Sub-Total (D)		-					
Total Financing (B+C+D)		1924.32	1934.32	2028.98	2028.98	2028.98	2028.98

Form 8: Details of Financial Packages

Name of the Power Station: **Maneri Bhali-II**

Source of Funds	Amount in FC	Exchange Rate	Amount in Indian Currency	Period of Repayment	Grace Period	Interest Rate / Return on Equity	Guarantee Commission	Upfront Fees/ Exposure Premium	% of Total Debt	% of Total Equity	% of Total PC
	(Name of Currency)	(Rs./FC)	(Rs. in Crore)	(Years)	(Years)	(%)	(Rs. in Crore)	(Rs. in Crore)	(%)	(%)	(%)
(1)	(2)	(3)	(4)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
(A) Debt											
Foreign:	NOT APPLICABLE										
Loan I											
Loan II											
Loan III											
Loan IV etc.											
Indian:											
Loan I (PFC)	NIL	NIL	1,294.66	10		11.33%	NIL	NIL	93.50%		63.81%
Loan II (GoU)	NIL	NIL	90.00	10	-	9.50%	NIL	NIL	6.50%		4.44%
Loan III	NIL	NIL					NIL	NIL			
Total Loan (A)			1,384.66						100.00%		68.24%
(B) Equity#											
Foreign:	NOT APPLICABLE										
Indian:	NIL	NIL	644.32	-	-	14%	-	-		100%	31.76%
Total Equity(B)	NIL	NIL	644.32	-	-	14%	-	-			
(C) Grants	NOT APPLICABLE										
Foreign:											
Indian:											
Total Grant (C)											
Total Financing (A+B+C)			2,028.98								
Total Project Cost			1,958.13								

(Petitioner)

Form 9-1: Statement of Outstanding Loans (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year

2007-08

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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government									
Loan 1 (PFC)	11.33%	10	1,200.00		1,200.00	-		1,200.00	The PFC Loan has to be repaid in 40 equal quarterly instalments. The first instalment will become due on 15 th day of October 2008 and the subsequent instalment will become due for payment on the 15 th of January, April, July and October every year.
Loan 2									
Loan 3			-					-	
Sub-Total (A)			1,200.00		1,200.00		-	1,200.00	
B. Government Loans									
Type 1 (utilized)	9.50%	10		-	-			-	
Type 2									
Type 3 etc.			-						
Sub-Total (B)			-		-		-	-	
Sub-Total (A+B)			1,200.00		1,200.00		-	1,200.00	
C. Normative Loans	12.50%	10	-		-		-	-	
TOTAL (A+B+C)								1,200.00	

(Petitioner)

Form 9-1: Statement of Outstanding Loans (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year

2008-09

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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government									
Loan 1 (PFC)	11.33%	10	1,200.00		1,200.00	60.00		1,140.00	The PFC Loan has to be repaid in 40 equal quarterly instalments. The first instalment will become due on 15 th day of October 2008 and the subsequent instalment will become due for payment on the 15 th of January, April, July and October every year.
Loan 2									
Loan 3			-					-	
Sub-Total (A)			1,200.00		1,200.00	60.00	-	1,140.00	
B. Government Loans									
Type 1	9.50%	10		31.58	31.58	3.16		28.42	
Type 2									
Type 3 etc.			-						
Sub-Total (B)			-		31.58	3.16	-	28.42	
Sub-Total (A+B)			1,200.00		1,231.58	63.16	-	1,168.42	
C. Normative Loans	12.50%	10			-	-	-	-	
TOTAL (A+B+C)			1,200.00		1,231.58	63.16		1,168.42	

(Petitioner)

Form 9-1: Statement of Outstanding Loans (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year

2009-10

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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government									
Loan 1 (PFC)	11.33%	10	1,140.00	75.63	1,215.63	124.25		1,091.38	The PFC Loan has to be repaid in 40 equal quarterly instalments. The first instalment will become due on 15 th day of October 2008 and the subsequent instalment will become due for payment on the 15 th of January, April, July and October every year.
Loan 2	12.00%				-			-	The PFC Loan has to be repaid in 36 equal quarterly instalments and repayment of First quarter is Rs. 2.02 Cr.
Loan 3			-					-	
Sub-Total (A)			1,140.00	75.63	1,215.63	124.25	-	1,091.38	
B. Government Loans									
Type 1	9.50%	10	28.42	0.88	29.30	3.25		26.06	
Type 2									
Type 3 etc.									
Sub-Total (B)			28.42		29.30	3.25	-	26.06	
Sub-Total (A+B)			1,168.42		1,244.93	127.50	-	1,117.43	
C. Normative Loans	12.50%	10			-	-	-	-	
TOTAL (A+B+C)			1,168.42		1,244.93	127.50		1,117.43	

(Petitioner)

Form 9-1: Statement of Outstanding Loans (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year

2010-11

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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government									
Loan 1 (PFC)	11.33%	10	1,091.38		1,091.38	127.56		963.81	The PFC Loan has to be repaid in 40 equal quarterly instalments. The first instalment will become due on 15 th day of October 2008 and the subsequent instalment will become due for payment on the 15 th of January, April, July and October every year.
Loan 2	12.00%							-	
Loan 3			-					-	
Sub-Total (A)			1,091.38		1,091.38	127.56	-	963.81	
B. Government Loans									
Type 1	9.50%	10	26.06	7.85	33.91	4.03		29.88	
Type 2									
Type 3 etc.									
Sub-Total (B)			26.06		33.91	4.03	-	29.88	
Sub-Total (A+B)			1,117.43		1,125.29	131.59	-	993.69	
C. Normative Loans	12.50%	10							
TOTAL (A+B+C)			1,117.43			131.59		993.69	

(Petitioner)

Form 9-1: Statement of Outstanding Loans (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year

2011-12

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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government									
Loan 1 (PFC)	11.33%	10	963.81		963.81	127.56		836.25	The PFC Loan has to be repaid in 40 equal quarterly instalments. The first instalment will become due on 15 th day of October 2008 and the subsequent instalment will become due for payment on the 15 th of January, April, July and October every year.
Loan 2			-			-		-	
Loan 3			-					-	
Sub-Total (A)			963.81		963.81	127.56	-	836.25	
B. Government Loans									
Type 1	9.50%	10	29.88		29.88	2.99		26.89	
Type 2									
Type 3 etc.									
Sub-Total (B)			29.88		29.88	2.99	-	26.89	
Sub-Total (A+B)			993.69		993.69	130.55	-	863.14	
C. Normative Loans	12.50%	10	-		-	-	-	-	
TOTAL (A+B+C)			993.69			130.55		863.14	

(Petitioner)

Form 9-1: Statement of Outstanding Loans (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Year

2012-13

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
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)=(6)-(7)	(9)=(4)+(5)-(6)	(10)
A. Other than state government									
Loan 1 (PFC)	11.33%	10	836.25		836.25	127.56		708.69	The PFC Loan has to be repaid in 40 equal quarterly instalments. The first instalment will become due on 15 th day of October 2008 and the
Loan 2			-			-		-	
Loan 3			-					-	
Sub-Total (A)			836.25		836.25	127.56	-	708.69	
B. Government Loans									
Type 1	9.50%	10	26.89		26.89	2.69		24.20	
Type 2									
Type 3 etc.									
Sub-Total (B)			26.89		26.89	2.69	-	24.20	
Sub-Total (A+B)			863.14		863.14	130.25	-	732.89	
C. Normative Loans	12.50%	10	-		-	-	-	-	
TOTAL (A+B+C)			863.14			130.25		732.89	

(Petitioner)

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali -II

Year

2007-08

Loan Agency (Source of loan)	Rate of interest (%)	Interest and Financing expenses incurred (accrued) during the year	Interest and Financing expenses due during the year	Interest and Financing expenses paid during the year	Overdue interest	Total Overdues	Remarks
(1)	(2)	(3)	(4)	(5)	(6)=(4)-(5)	(7)=((8) of Form 9-1)+(6)	(8)
Other than state government							
Loan 1 (PFC)	11.33%	6.33	6.33	6.33	0.00		
Loan 2 (Interest on AG & SP subsidy)					0.00	-	
Loan 3 (Normative Loan)*	12.50%	-	-	-	-		
Sub-Total		6.33	6.33	6.33	-	-	-
Government Loans							
Type 1	9.50%	0.00	0.00	0.00	0.00		
Type 2							
Type 3 etc.							
Sub-Total							
Additional Interest on account of AG & SP		0.25	0.25	0.25	-		
TOTAL		6.57	6.57	6.57	-	-	

(Petitioner)

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali -II

Year

2008-09

Loan Agency (Source of loan)	Rate of interest (%)	Interest and Financing expenses incurred (accrued) during the year	Interest and Financing expenses due during the year	Interest and Financing expenses paid during the year on utilized loan	Overdue interest	Total Overdues	Remarks
(1)	(2)	(3)	(4)	(5)	(6)=(4)-(5)	(7)=((8) of Form 9-1)+(6)	(8)
Other than state government							
Loan 1 (PFC) Utilized	11.33%	133.36	133.36	135.30			
Loan 2					0.00		
Loan 3 (Normative Loan)*	12.50%	-	-		-		
Sub-Total		133.36	133.36	135.30	-	-	-
Government Loans							
Type 1	9.50%	8.15	8.15	2.34			
Type 2							
Type 3 etc.							
Sub-Total		8.15	8.15	2.34	-		
Additional Interest on account of AG & SP		6.12	6.12	6.12			
1 % guarantee Paid to GoU	1.00%	12.00	12.00	12.00			
TOTAL		159.63	159.63	155.76	-	-	

(Petitioner)

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali -II

Year

2009-10

Loan Agency (Source of loan)	Rate of interest (%)	Interest and Financing expenses incurred (accrued) during the year	Interest and Financing expenses due during the year	Interest and Financing expenses paid during the year on utilized loan	Overdue interest	Total Overdues	Remarks
(1)	(2)	(3)	(4)	(5)	(6)=(4)-(5)	(7)=((8) of Form 9-1)+(6)	(8)
Other than state government							
Loan 1 (PFC) (utilized)	12.00%	116.60	116.60	110.09			
Loan 2 (Interest on AG & SP subsidy)							
Loan 3 (Normative Loan)*	12.50%	-	-		-		
Sub-Total		116.60	116.60	110.09	-	-	-
Government Loans							
Type 1	9.50%	7.66	7.66	2.70			
Type 2							
Type 3 etc.							
Sub-Total		7.66	7.66	2.70			
Additional Interest on account of AG & SP		1.65	1.65	1.65			
1 % guarantee Paid to GoU	1.00%	11.40	11.40	11.40			
TOTAL		137.31	137.31	125.83	-	-	

(Petitioner)

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali -II

Year

2010-11

Loan Agency (Source of loan)	Rate of interest (%)	Interest and Financing expenses incurred (accrued) during the year	Interest and Financing expenses due during the year	Interest and Financing expenses paid during the year	Overdue interest	Total Overdues	Remarks
(1)	(2)	(3)	(4)	(5)	(6)=(4)-(5)	(7)=((8) of Form 9-1)+(6)	(8)
Other than state government							
Loan 1 (PFC)	12.00%	113.16	113.16	114.72			
Loan 2							
Loan 3 (Normative Loan)*	12.50%	-	-		-		
Sub-Total		113.16	113.16	114.72	-	-	-
Government Loans							
Type 1	9.50%	6.33	6.33	2.41			
Type 2							
Type 3 etc.							
Sub-Total		6.33	6.33	2.41	-		
1 % guarantee Paid to GoU	1.00%	10.91	10.91	10.91			
TOTAL		130.40	130.40	128.04	-	-	

(Petitioner)

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali -II

Year

2011-12

Loan Agency (Source of loan)	Rate of interest (%)	Interest and Financing expenses incurred (accrued) during the year	Interest and Financing expenses due during the year	Interest and Financing expenses paid during the year	Overdue interest	Total Overdues	Remarks
(1)	(2)	(3)	(4)	(5)	(6)=(4)-(5)	(7)=((8) of Form 9-1)+(6)	(8)
Other than state government							
Loan 1 (PFC)	11.33%	109.20	109.20	107.70			
Loan 2							
Loan 3 (Normative Loan)*	12.50%	-	-		-		
Sub-Total		109.20	109.20	109.20	-		-
Government Loans							
Type 1	9.50%	5.99	5.99	2.84			
Type 2							
Type 3 etc.							
Sub-Total		5.99	5.99	2.84	-		
1 % guarantee Paid to GoU	1.00%	9.64	9.64	9.64			
TOTAL		124.82	124.82	121.68	-	-	

(Petitioner)

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

Name of the Power Station:

Maneri Bhali -II

Year

2012-13

Loan Agency (Source of loan)	Rate of interest (%)	Interest and Financing expenses incurred (accrued) during the year	Interest and Financing expenses due during the year	Interest and Financing expenses paid during the year	Overdue interest	Total Overdues	Remarks
(1)	(2)	(3)	(4)	(5)	(6)=(4)-(5)	(7)=((8) of Form 9-1)+(6)	(8)
Other than state government							
Loan 1 (PFC)	11.33%	94.75	94.75	93.55			
Loan 2							
Loan 3 (Normative Loan)*	12.50%	-	-		-		
Sub-Total		94.75	94.75	94.75	-		-
Government Loans							
Type 1	9.50%	4.71	4.71	2.35			
Type 2							
Type 3 etc.							
Sub-Total		4.71	4.71	2.35	-		
1 % guarantee Paid to GoU	1.00%	8.36	8.36	8.36			
TOTAL		107.82	107.82	105.46	-	-	

(Petitioner)

Form 9-3: Statement of Outstanding Loan, Interest & Financing charges during Tariff Year (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-ii

Year: 2007-08

Loan Agency (Source of loan)	Rate of interest (%)	Repayme nt period (year)	Balance at the beginning of the year	Amount proposed to be drawn during the year	Principal due during the year @	Interest & Financing expenses expected to be incurred(accrued) during the year	Interest and Financing expenses paid during the year	Weighted Average Exchange Rate at COD for Loan - Only for Foreign Currency Loans	Expected Exchange Rate on due date(s) of repayment of Loan - Only for Foreign Currency Loans	Extra Rupee Liability
A. Other than state government										
Loan 1 (PFC)	11.33%	10	1,200.00		1,200.00	6.33	6.33	-	-	-
Loan 2 (GoU)	9.50%	10	-		-	-	-	-	-	-
Loan 3										
Sub-Total (A)					1,200.00	6.33	6.33			
B. additional interest on AG & SP						0.25	0.25			
TOTAL (A, B & C)					1,200.00	6.57	6.57			

(Petitioner)

Form 9-3: Statement of Outstanding Loan, Interest & Financing charges during Tariff Year (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-ii

Year: 2008-09

Loan Agency (Source of loan)	Rate of interest (%)	Repayme nt period (year)	Balance at the beginning of the year	Amount proposed to be drawn during the year	Principal due during the year @	Interest & Financing expenses expected to be incurred(accrued) during the year	Interest and Financing expenses paid during the year	Weighted Average Exchange Rate at COD for Loan - Only for Foreign Currency Loans	Expected Exchange Rate on due date(s) of repayment of Loan - Only for Foreign Currency Loans	Extra Rupee Liability
A. Other than state government										
Loan 1 (PFC)	12.00%	10	1,200.00		1,140.00	133.36	135.30	-	-	-
Loan 2 (GoU)	9.50%	10	-		28.42	8.15	2.34	-	-	-
Loan 2						-				
Loan 4 (guranatee fee)						12.00	12.00			
Sub-Total (A)					1,168.42	153.51	149.64			
B. additional interest on AG & SP						6.12	6.12			
TOTAL (A, B & C)					1,168.42	159.63	155.76			

Type 1

(Petitioner)

Form 9-3: Statement of Outstanding Loan, Interest & Financing charges during Tariff Year (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-ii

Year: 2009-10

Loan Agency (Source of loan)	Rate of interest (%)	Repayme nt period (year)	Balance at the beginning of the year	Amount proposed to be drawn during the year	Principal due during the year @	Interest & Financing expenses expected to be incurred(accrued) during the year	Interest and Financing expenses paid during the year	Weighted Average Exchange Rate at COD for Loan - Only for Foreign Currency Loans	Expected Exchange Rate on due date(s) of repayment of Loan - Only for Foreign Currency Loans	Extra Rupee Liability
A. Other than state government										
Loan 1 (PFC)	12.00%	0	1,215.63		1,091.38	116.60	110.09	-	-	-
Loan 2 (GoU)	9.50%	10	28.42		26.06	7.66	2.70	-	-	-
Loan3 (Ag & Sp)						-	-			
Loan 4 (guranatee fee)						11.40	11.40			
Sub-Total (A)					1,117.43	135.66	124.18			
B. additional interest on AG & SP						1.65	1.65			
TOTAL (A, B & C)			1,244.05		1,117.43	137.31	125.83			

Other than state government

(Petitioner)

Form 9-3: Statement of Outstanding Loan, Interest & Financing charges during Tariff Year (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-ii

Year: 2010-11

Loan Agency (Source of loan)	Rate of interest (%)	Repayme nt period (year)	Balance at the beginning of the year	Amount proposed to be drawn during the year	Principal due during the year @	Interest & Financing expenses expected to be incurred(accrued) during the year	Interest and Financing expenses paid during the year	Weighted Average Exchange Rate at COD for Loan - Only for Foreign Currency Loans	Expected Exchange Rate on due date(s) of repayment of Loan - Only for Foreign Currency Loans	Extra Rupee Liability
A. Other than state government										
Loan 1 (PFC)	12.00%	10	1,091.38		963.81	113.16	114.72	-	-	-
Loan 2 (GoU)	9.50%	10	26.06		29.88	6.33	2.41	-	-	-
Loan 3(guarantee fee)						10.91	10.91			
Sub-Total (A)					993.69	130.40	128.04			
B. Normative Loans	12.50%	10	-		-	-				
TOTAL (A, B & C)					993.69	130.40	128.04			

Form 9-2: Statement of Interest & Financing charges (Rs. in Crore)

(Petitioner)

Form 9-3: Statement of Outstanding Loan, Interest & Financing charges during Tariff Year (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-ii

Year: 2011-12

Loan Agency (Source of loan)	Rate of interest (%)	Repayme nt period (year)	Balance at the beginning of the year	Amount proposed to be drawn during the year	Principal due during the year @	Interest & Financing expenses expected to be incurred(accrued) during the year	Interest and Financing expenses paid during the year	Weighted Average Exchange Rate at COD for Loan - Only for Foreign Currency Loans	Expected Exchange Rate on due date(s) of repayment of Loan - Only for Foreign Currency Loans	Extra Rupee Liability
A. Other than state government										
Loan 1 (PFC)	12.00%	10	963.81		836.25	109.20	107.70	-	-	-
Loan 2 (GoU)	9.50%	10	29.88		26.89	5.99	2.84	-	-	-
Loan 3(guarantee fee)						9.64	9.64			
Sub-Total (A)					863.14	124.82	120.18			
B. Normative Loans	12.50%	10	-		-	-				
TOTAL (A, B & C)					863.14	124.82	120.18			

0

(Petitioner)

Form 9-3: Statement of Outstanding Loan, Interest & Financing charges during Tariff Year (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-ii

Year: 2012-13

Loan Agency (Source of loan)	Rate of interest (%)	Repayme nt period (year)	Balance at the beginning of the year	Amount proposed to be drawn during the year	Principal due during the year @	Interest & Financing expenses expected to be incurred(accrued) during the year	Interest and Financing expenses paid during the year	Weighted Average Exchange Rate at COD for Loan - Only for Foreign Currency Loans	Expected Exchange Rate on due date(s) of repayment of Loan - Only for Foreign Currency Loans	Extra Rupee Liability
A. Other than state government										
Loan 1 (PFC)	12.00%	10	836.25		708.69	94.75	93.55	-	-	-
Loan 2 (GoU)	9.50%	10	26.89		24.20	4.71	2.35	-	-	-
Loan 3(guranatee fee)						8.36	8.36			
Sub-Total (A)					732.89	107.82	104.26			
B. Normative Loans	12.50%	10	-		-	-				
TOTAL (A, B & C)					732.89	107.82	104.26			

Type 3 etc.

(Petitioner)

Form 10: Calculation of Amount of Working Capital (Rs. in Crore)

Name of the Power Station:

Maneri Bhali-II

Sl.No	Particulars	Year 07-08	Year 2	Year 3	Year 4	Year 6
		(From 15.03.08 to 31.03.08)	2008-09	2009-10	2010-11	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(8)
1	O & M expenses - 1 month	0.12	2.09	2.70	3.06	3.64
2	Spares*	0.22	4.97	5.27	5.59	6.28
3	Receivables- 2 months	14.38	52.86	61.60	64.25	61.74
4	Total Working Capital (1+2+3)	14.72	59.93	69.57	72.90	71.66
5	Working Capital Loan Required	14.72	59.93	69.57	72.90	71.66
6	Normative Interest Rate (%)	10.25%	10.25%	12.25%	11.75%	13.25%
7	Normative Interest on Working Capital (5 X 6)	1.51	6.14	8.52	8.57	9.50

Notes:

Maintenance spares @ 1% of the Plant and Equipment Cost as on date of commercial operation whichever Receivables equivalent to two months of fixed charges for sale of electricity calculated on normative capa

Form 11-1: Details of Operation and Maintenance Expenses (Rs. in Crore)

Name of the Power Station:		Maneri Bhali-II							
S. No.	Particulars	Year 07-08	Year 2	Year 3	Year 4	Year 4 (2011-12)			Year 5
		(From 15.03.08 to 31.03.08)	2008-09	2009-10	2010-11	Actuals (up to 30th Sep'10)	Balance	Total	2012-13
(1)	(2)	(3)	(4)	(5)		(6)	(7)	(8)	(9)
a)	Consumption of Stores and Spares								
	- Related to Generator, turbines and Accessories								
	- Related to Auxiliary Electrical Equipment								
	- Related to Auxiliary Equipment & Services for Power Station								
	Lubricant	0.00	0.00	0.09	0.07				
	Sub-Total	0.00	0.00	0.09	0.07			0.00	0.08
b)	Repair and Maintenance								
	- Plants and Machinery	0.01	13.62	16.53	18.93				
	- Buildings	0.06	1.78	0.63	1.37				
	- Major Civil Works	0.00	0.01	1.28	2.24				
	- Vehicles	0.00	0.11	0.12	0.13				
	- Furnitures and Fixtures	0.00	0.00	0.00	0.00				
	- Office Equipment & Other Items	0.00	0.04	0.01	0.03				
	Sub-Total	0.07	15.55	18.56	22.70			13.20	25.65
c)	Administrative Expenses								
	- Insurance	0.00	0.21	0.31	0.40				
	- Rent	0.00	0.01	0.10	0.01				
	- Electricity Charges	0.00	0.01	0.01	0.05				
	- Travelling and conveyance	0.00	0.07	0.12	0.17				
	- Staff Car	0.01	0.21	0.16	0.20				
	- Telephone, telex and postage	0.00	0.07	0.08	0.10				
	- Advertising	0.00	0.43	0.17	0.11				
	- Entertainment	0.00	0.03	0.03	0.05				
	- Corporate mgmt expenses	0.00	0.00	0.00	0.00				
	- Legal Expenses	0.00	0.19	0.04	0.20				
	- Others (specify elements)	0.05	0.54	0.49	1.31				
	Sub-Total	0.07	1.77	1.50	2.61			1.83	2.95
d)	Employee Cost								
	- Basic Salaries	-0.03	2.91	4.42	5.19				
	- Dearness Allowance	0.00	1.49	1.27	1.93				
	- Other Allowances	0.00	0.84	0.850	0.991				
	- Bonus	0.00	0.02	0.057	0.056				
	- Staff welfare expenses	0.00	0.14	0.129	0.110				
	- Medical Allowances	0.00	0.07	0.061	0.068				
	- Others Expenses (specify elements)	0.00	0.96	1.30	0.76				
	- Terminal Benefits	0.00	0.56	1.356	1.934				
	- GPF trust	0.00	0.46	0.48					
	- Vth pay commission as per B/S	0.00	1.97	0.000	0.000				
	- Vth pay commission as per B/S			1.975					
	Sub-Total	-0.03	7.43	11.90	11.04			15.44	12.47
f)	Corporate Office expenses Allocated								
	- Employee expenses								
	- Repair and maintenance								
	- Training and Recruitment								
	- Communication								
	- Travelling								
	- Security								
	- Rent								
	- Others (specify elements)								
	Sub-Total								0.00
	Total O&M Expense	0.12	24.76	32.05	36.42		34.14	34.14	41.15
Other Expenses Admissible under O&M Expenses									
	Cost of colony consumption		0.37	0.34	0.27				0.27
	Regulatory Expenses								0.10
	Insurance								2.22
	Total O&M Expense	0.12	25.13	32.39	36.69			34.14	43.74

Form 11-2: Details of Employee Costs

Name of the Power Station:

Maneri Bhali-II

Year:

2012-13

S.No.	Category of Employee	Number		Cost (Rs. Crore)		
		Sanctioned	Working	1st Half	2nd Half	Total
1	Board of Directors					
2	Support staff of Board of Directors					
2(a)	Technical					
2(b)	Administrative					
2(c)	Accounts and finance					
2(d)	Others					
	Total					
3	All Other Staff					
3(a)	Technical					
3(a)(i)	Officers					
3(a)(ii)	Staff					
3(b)	Non-technical					
3(b)(i)	<i>Administrative</i>					
3(b)(i.i)	Officers					
3(b)(i.ii)	Staff					
3(b)(ii)	<i>Accounts and finance</i>					
3(b)(ii.i)	Officers					
3(b)(ii.ii)	Staff					
3(b)(iii)	<i>Others</i>					
3(b)(iii.i)	Officers					
3(b)(iii.ii)	Staff					
	Total					
4	Provision against vacant posts					
5	Gross					
6	Add: Corporate Office Allocation					
7	Less: Capitalisation					
8	Employee Cost Net of Capitalisation					

(Petitioner)