

**BEFORE THE HON'BLE CENTRAL ELECTRICITY  
REGULATORY COMMISSION, NEW DELHI**

Petition No. \_\_\_\_\_/2019

Diary No. \_\_\_\_\_

In the matter of:

Jsw Hydro Energy Limited  
(Formerly Himachal Baspa Power Company Limited)  
Sholtu Colony, P.O. Tapri, District Kinnaur 172104  
Himachal Pradesh

...Petitioner

Versus

PTC India Limited  
NBCC Tower, 15 Bhikaji Cama Place,  
New Delhi -66

...Respondent & Others

**VOLUME 1**

Application for true up of capital cost & generation tariff for 2014-19 tariff period under Regulation 8 of the CERC (Terms and Conditions of Tariff) Regulations, 2014 AND determination of generation tariff for 2019-24 tariff period under Regulation 9(2) of the CERC (Terms and Conditions of Tariff) Regulations, 2019, in respect of 1000MW Karcham Wangtoo Hydro Electric Project (KW HEP)

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...

...Petitioner

Versus

1. PTC India Limited  
2<sup>nd</sup> Floor, NBCC Tower,  
15 Bhikaji Cama Place,  
New Delhi - 110066
2. Haryana Power Generation Corporation Limited,  
Through its CMD,  
Plot No. C-7, Sector - 6, Panchkula  
Haryana -134109



3. Uttar Pradesh Power Corporation Limited,  
Through its CMD  
Shakti Bhawan, 14, Ashok Marg, Lucknow  
Uttar Pradesh - 226 001
4. Jaipur Vidyut Vitran Nigam Limited,  
Through its CMD,  
Vidyut Bhawan, Janpath, Jaipur  
Rajasthan - 302005,
5. Ajmer Vidyut Vitran Nigam Limited,  
Through its CMD  
Vidyut Bhawan,  
Panchsheel Nagar, Makarwali Road, Ajmer  
Rajasthan - 305004
6. Jodhpur Vidyut Vitran Nigam Limited,  
Through its CMD  
New Power House, Industrial Area, Jodhpur  
Rajasthan - 342003
7. Punjab State Power Corporation Limited,  
Through its CMD  
The Mall, Old PSEB Building, Patiala  
Punjab - 147 001
8. The State of Himachal Pradesh  
Through Principal Secretary (MPP & Power),  
Government of Himachal Pradesh,  
Shimla- 171002, H.P
9. HPSEB Ltd.  
Vidyut Bhawan, Shimla - 171004

...Respondents





**APPLICATION FOR TRUE UP OF CAPITAL COST & GENERATION TARIFF FOR 2014-19 TARIFF PERIOD UNDER REGULATION 8 OF THE CERC (TERMS AND CONDITIONS OF TARIFF) REGULATIONS, 2014 AND DETERMINATION OF GENERATION TARIFF FOR 2019-24 TARIFF PERIOD UNDER REGULATION 9(2) OF THE CERC (TERMS AND CONDITIONS OF TARIFF) REGULATIONS, 2019, IN RESPECT OF 1000MW KARCHAM WANGTOO HYDRO ELECTRIC PROJECT (KW HEP)**

**MOST RESPECTFULLY SHOWETH:**

1. That the Petitioner, JSW Hydro Energy Limited is a company incorporated under the Companies Act, 1956. The Petitioner is a generating company as defined in Section 2(28) of the Electricity Act, 2003. The Petitioner owns, operates and maintains Karcham Wangtoo HEP, a run of the river power station with pondage, in the district of Kinnaur in the State of Himachal Pradesh.
2. That initially Jaypee Karcham Hydro Corporation Limited was implementing the 1000 MW (presently) Karcham Wangtoo HEP comprising of 4 units of 250 MW each. Jaypee Karcham Hydro Corporation Limited got amalgamated / merged with Jaiprakash Power Ventures Limited (Original Petitioner/JPVL) vide scheme of amalgamation approved by the Hon'ble High Court of Himachal Pradesh vide its order dated 25.7.2011 in Petition No. 19 of 2011.

Thereafter, pursuant to another scheme of arrangement approved by Hon'ble High Court of Himachal Pradesh vide order dated 25.6.2015, all assets, liabilities, rights and privileges of JPVL pertaining to KWHEP stood transferred to Himachal Baspa Power Company Ltd. with effect from 1.9.2015. This Hon'ble Commission vide its Order dated 09.03.2016 passed in Petition No. 29/RC/2015 has substituted



the original Petitioner Company i.e. Jaiprakash Power Ventures Limited with the Himachal Baspa Power Company Limited (Petitioner) in Petition No.434/GT/2014. 100% of equity shareholding of HBPCL, which was earlier vested with JPVL was purchased by JSW Energy Ltd. vide Shares Purchase Agreement (SPA).

Thereafter, the name of company of Himachal Baspa Power Company Limited has been changed to JSW Hydro Energy Limited vide approval of Registrar of Companies dt. 11.09.2018 (Copy annexed as **Annexure T2**). It is submitted that any reference to Jaypee Karcham Hydro Corporation Limited or JKHCL or Jaiprakash Power Ventures Limited or JPVL or Himachal Baspa Power Company Limited or HBPCL or JSW Hydro Energy Limited or JSWHEL in the instant Petition hereinafter or in any documents attached hereto may be read as a reference to the Petitioner herein.

3. That petition no. 434/GT/2014 was filed for approval of generation tariff of KWHEP for 2014-19 Control period, under Section 62 read with Section 79(1)(b) of the Electricity Act, 2003.
4. The Hon'ble Commission has disposed-off the petition No. 434/GT/2014 on 30.03.2017 and while disposing off the above petition No. 434/GT/2014, this Hon'ble Commission has made certain deductions from the Capital Cost claimed by the Petitioner and also given certain directions for compliance by the Petitioner.

Amount in Rs. Lakh

<b>Capital cost allowed for the period 2014-19 as per MYT order dated 30.3.2017</b>						
	2014-15	2015-16	2016-17	2017-18	2018-19	MYT order para
Opening capital cost allowed	6,36,074.26	6,44,741.33	6,49,074.07	6,51,658.91	6,51,658.91	
Closing Gross Block claimed as per form-9E	6,93,759.36	6,93,759.36	6,96,866.60	6,96,866.60	6,96,866.60	



Less: CWIP	-	-	-	-	-	-	-
Less: IDC claimed on account of capitalisation of Common facilities	4,571.87	4,571.87	4,571.87	4,571.87	4,571.87	4,571.87	Para 88-91
IDC claimed on account of ACE	1,010.17	1,010.17	1,010.17	1,010.17	1,010.17	1,010.17	Para 92-93
Current assets and advances	2,104.13	2,104.13	2,104.13	2,104.13	2,104.13	2,104.13	Para 70
Undischarged liabilities	6,917.58	2,584.84	-	-	-	-	
IDC & FC claimed	1,03,497.07	1,03,497.07	1,03,497.07	1,03,497.07	1,03,497.07	1,03,497.07	Para 78-81 & 85
Syndication fees included in IEDC	2,020.32	2,020.32	2,020.32	2,020.32	2,020.32	2,020.32	
Cost reduction due to additional overload capacity	14,034.00	14,034.00	14,034.00	14,034.00	14,034.00	14,034.00	Para 32 & 61
<b>Less: Deduction with respect to Notes to form 5B</b>							
Note-5 to form 5B	21.00	21.00	21.00	21.00	21.00	21.00	
Note-5,7,8 to form-5B	1,800.00	1,800.00	4,907.24	4,907.24	4,907.24	4,907.24	Para 100-103
Note-7 to form 5B	2,502.00	2,502.00	2,502.00	2,502.00	2,502.00	2,502.00	
Note-8 to form 5B	1,045.00	1,045.00	1,045.00	1,045.00	1,045.00	1,045.00	
Preliminary expenses (Note-9)	201.00	201.00	201.00	201.00	201.00	201.00	Para 106
Add: IDC Allowed	92,829.00	92,829.00	92,829.00	92,829.00	92,829.00	92,829.00	Para 78-81
<b>Capital cost before adjustment of initial spares</b>	<b>6,46,864.22</b>	<b>6,51,196.96</b>	<b>6,53,781.80</b>	<b>6,53,781.80</b>	<b>6,53,781.80</b>	<b>6,53,781.80</b>	
Less: Adjustment for initial spares	2,122.89	2,122.89	2,122.89	2,122.89	2,122.89	2,122.89	Para 107-109
<b>Closing capital cost allowed</b>	<b>6,44,741.33</b>	<b>6,49,074.07</b>	<b>6,51,658.91</b>	<b>6,51,658.91</b>	<b>6,51,658.91</b>	<b>6,51,658.91</b>	

5. That the Hon'ble Commission has framed CERC (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter called as "Tariff Regulations 2014") issued vide Notification dated 21.02.2014. It is submitted that the Present Petition is being filed under the provisions of CERC (Terms and Conditions of Tariff) Regulations, 2014 for true up of generation tariff of Karcham Wangtoo HEP for 2014-19 Control period and also to comply with the directions given by this Hon'ble Commission in its Order dated 30.03.2017 passed in petition no. 434/GT/2014.



**OBSERVATIONS OF THE HON'BLE COMMISSION IN PETITION  
NO. 434/GT/2014 REGARDING DEDUCTIONS IN CAPITAL COST  
AND ANNUAL FIXED COST:**

6. **Free energy to Home State:** Hon'ble Commission vide para 33 of its Order dated 30.03.2017 observed as under:

*“33. It is noticed that in terms of the IA dated 18.11.1999 entered into between the petitioner and the Govt. of H.P., free power to the Govt. of H.P shall be 18% for the next 28 years from the expiry of the period of first 12 years. It is pertinent to mention that in terms of the 2014 Tariff Regulations, free energy to home state is limited to 13% or actual, whichever is less. However, the respondents in their respective PPAs have agreed to the enhanced free power to home state after 12 years. In this background and considering the fact that this issue of enhanced free power to home state after 12 years is not relevant for the purpose of determination of tariff of the generating station for the period 2014-19, the same has not been considered. However, the parties are at liberty to claim the relief and the same will be considered at an appropriate time as per the prevailing tariff regulations.”*

With regard to observation of Hon'ble Commission in para 33 of Order dated 30.03.2017, Petitioner respectfully submits as under:

An Implementation Agreement (IA) was executed with Government of Himachal Pradesh (GoHP) for implementation of Karcham Wangtoo HEP on 18.11.1999.

Article-5 of the Implementation Agreement (IA) deals with obligations of the Company. The relevant Clause of the Article-5 is reproduced below:



“5.1. Government Supply

(a) The Company shall supply to the Government or its Agent, during the Agreement period, at the Interconnection Point without any cost or charges to the Government, the quantum of electrical energy generated as specified below (Government Supply):-

i)	Commencing from the date of synchronization of the first Unit and for the first twelve (12) years from Commercial Operation Date (COD) of the Project	Twelve (12) percent of Net Generation
ii)	For the next twenty eight (28) years after expiry of the period specified in (i) above	Eighteen (18) percent of Net Generation

.....”

Power Purchase Agreement (PPA) was executed on 21.03.2006 and a supplementary PPA was executed on 1.12.2017 with PTC India Limited. The definition of Free Power given in the PPA is reproduced below:

“Free Power means the quantum of power (in kW or multiples thereof) supplied free of cost by the Company at or before the Delivery Point to the Project State Government. This shall be equal to 12% (twelve percent) of net generation (gross generation at generator terminals less Auxiliary Consumption), for the first 12 (twelve) Tariff Years from the COD and 18% (eighteen percent) of such net generation from the start of the 13<sup>th</sup> (thirteenth) Tariff Year till the end of the term of this Agreement”.



PTC India Limited had entered into four Power Sale Agreements (PSAs) with the States of Haryana, Uttar Pradesh, Rajasthan and Punjab. The definition of free power given in PSAs with all four States is similar to the definition given in the PPA.

It is relevant to state that the issue of free power is in respect of period starting after 12 years from the COD of the project (i.e. after 13.9.2023). It is relevant for next tariff cycle of FY 2019-24; and has no bearing on true up exercise for FY 2014-19

In respect of the observations in para 33 in view of the order dated 30.03.2017, this Hon'ble Commission may please appreciate that the Implementation Agreement was executed in 1999 and PPA and PSAs were executed in 2006. It was the first time Ministry of Power, Government of India issued a Notification on 31.03.2008 wherein it was provided that Free Power upto 13% including 1% free contribution towards Local Area Development Fund will be considered in determination of tariff for Hydro Power Projects which was incorporated in the Regulations in 2009. Prior to this there was no such restriction regarding quantum of Free Power to be supplied to Home State and it was a matter of agreement between the Developer and the Host State.

Since the Petitioner has agreed in IA for 18% free power after 13.9.2023, the tariff working based on 13% shall result into severe loss of 5% in the tariff and for the balance life of the project. It is stated that if the entire basis of the project is changed in this manner midway, the legitimate expectations of the petitioner would be defeated. The loss in tariff of 5% shall have to be borne by Petitioner from the ROE only, resulting in a situation where the Petitioner will not be recovering the ROE of 16.5% as per the Tariff Regulations.



In view of the aforesaid facts and circumstances, it is most respectfully submitted that Hon'ble Commission may be pleased to exercise its power under Regulations 54 & 55 of the CERC (Terms & Conditions of Tariff) Regulations, 2014 and allow Free Power as stipulated in the Implementation Agreement as well as in the PPA and PSAs.

7. **Direction of vetting of capital cost by CEA:** Hon'ble Commission vide para 58 of its Order dated 30.03.2017 directed the Petitioner as follows:

*“58. In this background, we proceed with the determination of completion cost based on DIA report and tariff of the generating station for the period 2014-19 based on Tariff Regulations 2014, as stated in subsequent paragraphs. The Commission is of the view that the expenditure may be vetted by the CEA before final truing up. Accordingly, we direct the petitioner to approach the CEA for vetting of the expenditure of the generating station on payment basis. CEA is requested to take expeditious action and vet the completion cost of the generating station within a period of 3 months. The same may be submitted along with the truing up petition by the petitioner.”*

To comply the direction given in aforesaid para 58, Petitioner approached CEA for vetting of the Capital Cost. CEA vide its letter dated 29.05.2017 addressed to this Hon'ble Commission has informed that:

*“ ..... The matter has been considered in CEA and our comments are as follows:*

*1. CEA, a statutory body constituted under the Electricity Act, 2003 is mandated to advise the appropriate*



*Government and the appropriate Commission on all technical matters relating to generation, transmission and distribution of electricity.*

*2. No mandate has been extended to CEA to determine the completion cost of a generating station.*

*3. As such, CEA neither can be made a party for vetting of the completion cost of a generating station nor is responsible or provided with powers to advise CERC in such matters.*

*It is therefore submitted that the completion cost of the said project cannot be determined by CEA, as CEA have no mechanism to examine/vet fait-accomplis expenditure.”*

Subsequently CEA vide its letter dated 23.6.2017 has intimated the Petitioner about the aforesaid letter dated 29.5.2017 sent to this Hon'ble Commission.

A copy of the said letters dated 29.05.2017 and 23.06.2017 of CEA is annexed hereto as **Annexure T3 (Colly)**.

In light of the communication of CEA, Petitioner submits as under:

- DIA (Energy Infratech Pvt. Ltd.) is an accredited agency of the Hon'ble Commission itself which has carried out the vetting of the Capital Cost of the Karcham Wangtoo HEP duly considering all aspects related to the Capital Cost and has made a detailed report which is self explanatory.

- Hon'ble Commission itself has carried out detailed analysis of the Capital Cost vetted by DIA, contained in para 59 to 65 of the order dated 30.03.2017.





-Hon'ble Commission in para 62 of the Order dated 30.03.2017 has cross checked the Capital Cost of the Karcham Wangtoo HEP with other similar hydro project i.e. Nathpa Jhakri of SJVNL in addition to the Capital Cost vetted by DIA and found the Capital cost of Karcham Wangtoo HEP as reasonable. The finding of the Hon'ble Commission in para 62 is given below:

*“62. It is noticed that for the downstream project of Nathpa Jhakri of SJVNL which achieved COD on 18.5.2004, the completion cost is Rs.5.71 crore / MW as per RCE-IV submitted to MOP, GOI. Accordingly, for this generating station, the completion cost of Rs.6.76 crore / MW considering the time gap of seven and half years appear reasonable. Based on this, we are inclined to accept the recommendations of the DIA for the completion cost of Rs. 6759.66 crore.”*

In view of the aforesaid facts and circumstances, the Petitioner respectfully submits that the Hon'ble Commission may be pleased to do away with the requirement of vetting of Capital Cost by CEA as directed vide Order dated 30.03.2017.

8. **Deduction in capital cost for overload capacity:** The Hon'ble Commission vide para 61 of the order dated 30.3.2017 has made a deduction in capital cost of Rs. 140.34 crore corresponding to extra 10% overload capacity built by the Petitioner over & above requirement of 10% as per IEGC:

*61. Cost reduction corresponding to extra 10% overload capacity built by the petitioner over and above requirement of 10% as per IEGC:*

a) .....

.....



*g) We are also in agreement with the recommendations of DIA as regards no cost reduction in SCADA, Static Excitation System, Governing System, LT AC & DC Power Distribution System and Mechanical & Electrical Auxiliary System for the technical reasons (Digital equipment of standard designs and use of available margins) as mentioned in the recommendation, which are not repeated here for the sake of brevity. Based on the above discussions, the cost reduction of Rs.140.34 crore towards differential overload capacity of 10% as recommended by DIA is acceptable.*

In this regard, the Petitioner humbly submits that it has approached CEA vide its letters dated 16.4.2018 & 29.6.2018 for uprating of installed capacity of Karcham Wangtoo HEP from 1000 MW (presently) to 1091 MW. It may kindly be noted that Ministry of Water Resources has formed a 3-member committee to oversee our request of uprating the installed capacity. Required documents have already been submitted to the said committee in June'2019. Copies of said letters are enclosed as **Annexure T4**.

Petitioner shall approach the Hon'ble Commission with an appropriate petition for enhancement of Installed Capacity and consequential relief including that of allowance of Rs. 140.34 Crore disallowed on account of reduction of Installed Capacity after a final decision in the matter by CEA.

9. **Auditor certificate in support of current assets & advances:**  
Hon'ble Commission vide para 69-70 of its Order dated 30.03.2017 directed the Petitioner as follows:



69. The capital cost claimed by the petitioner vide form 9E is inclusive of current assets and advances. In response to the directions given vide ROP dated 25.11.2014, the petitioner submitted vide affidavit dated 24.12.2014, the following values.

*Rs. in Lakh*

<b>Period</b>		<b>Other current assets</b>	<b>Advances</b>
26.5.2011 to 22.06.2011	Opening	161.30	8914.95
	Closing	66.99	8911.80
23.06.2011 to 07.09.2011	Opening	68.45	8911.80
	Closing	193.01	4322.48
08.09.2011 to 12.09.2011	Opening	193.01	4322.48
	Closing	193.01	4322.48
2011-12 (13.09.2011 to 31.03.2012)	Opening	193.01	4322.48
	Closing	--	3568.13
2012-13	Opening	--	3568.13
	Closing	--	2135.70
2013-14	Opening	--	2135.70
	Closing	--	2104.13
2014-15	Opening	--	2104.13
	Closing	--	2104.13
2015-16	Opening	--	2104.13
	Closing	--	2104.13
2016-17	Opening	--	2104.13
	Closing	--	2104.13
2017-18	Opening	--	2104.13
	Closing	--	2104.13
2018-19	Opening	--	2104.13
	Closing	--	2104.13

“70. The same have been considered for deduction from the capital cost claimed by the petitioner for arriving at the capital cost for tariff calculation. However, the petitioner is



*directed to submit the audited certificate in support of such submission with respect to current assets and advances.”*

In compliance of the aforesaid direction, petitioner respectfully submits an auditor certificate in support of current assets and advances of Rs. 2104.13 lakh for the implementation of Karcham Wangtoo HEP, as on 31.3.2014 and annexed hereto as **Annexure T5**.

**10. Audited balance sheet as on COD of each unit:** Hon'ble Commission vide para 77 of its Order dated 30.3.2017 directed as follows:

*“77. The CWIP as calculated above has been considered to arrive at the capital cost for the purpose of tariff. However, the petitioner is directed to furnish audited balance sheet as on COD of each unit at the time of trueing up of the tariff for the period 2014-19 in order to ascertain the actual CWIP position:*

In compliance of the aforesaid direction petitioner is enclosing herewith the audited balance sheets as on COD of 1<sup>st</sup> and 2<sup>nd</sup> unit as per **Annexure T6 (Colly)**. Further, petitioner submits that the balance sheet as on 12.09.2011 (i.e. COD of 4<sup>th</sup> unit) already submitted with the Hon'ble Commission is also applicable for COD of 3<sup>rd</sup> Unit.

**11. Allowable IDC as on 13.9.2011:** Hon'ble Commission vide para 78-81 of its Order dated 30.03.2017 has restricted IDC allowed for the purpose of Tariff as under:

*78. IDC & FC claimed by the petitioner as per Form 9E (inclusive of the amount of IDC & FC pertaining to CWIP as on the respective date) is as under:*



Rs. in lakh

COD of Unit 1	COD of Unit 2	COD of Unit 3	COD of Unit 4
26-5-2011	23-6-2011	8-9-2011	13-9-2011
99,338.38	100,524.29	103,497.07	103,497.07

79. The break-up details of the IDC & FC as on COD of Unit- IV as per affidavit dated 24.10.2014 furnished by the petitioner is as below:

Rs. in lakh

IDC	98,419.39
FC	5,077.68
Total IDC & FC	103,497.07

80. The petitioner has not furnished the amount of financial charges included in the IDC claimed on COD of the first 3 units and but has considered the same as on COD of the 4th Unit. Accordingly, the IDC claimed is as under:

Rs. in lakh

COD- 1	COD- 2	COD- 3	COD- 4
26-5-2011	23-6-2011	8-9-2011	13-9-2011
94,260.70	95,446.61	98,419.39	98,419.39

81. The petitioner vide affidavit dated 27.10.2014 has submitted loan agreements and the bank wise details of the amount drawn, rate of interest applied etc. Based on this, the total interest from the 1st loan drawl till COD of each unit/generating station has been calculated as Rs. 108399.12 lakh. However, the petitioner has not furnished the basis/methodology of allocation of IDC to each of the units. In absence of this information, the IDC for tariff purpose has been allowed based on the amount of IDC as on 13.9.2011 claimed by the petitioner in Form 5B is Rs. 92829.00 lakh.



Accordingly, IDC has been restricted to Rs. 92829.00 lakh as on 13-09.2011 for the purpose of tariff.

In this regard petitioner submits that IDC & Finance charges (FC) claimed in form 9E is restated as under:

		Rs. in lakh			
COD of Unit 1	COD of Unit 2	COD of Unit 3	COD of Unit 4		
26-5-11	23-6-11	08-09-11	13-09-11		
99338.38	100524.29	103497.07	103497.07		

Break up of IDC and FC submitted in Form 9E is as under:

		Rs. in lakh			
Particulars	COD of Unit 1	COD of Unit 2	COD of Unit 3	COD of Unit 4	
IDC & FC claimed -Form 9E	26-5-11	23-6-11	08-09-11	13-09-11	
	99338.38	100524.29	103497.07	103497.07	
Less: FC	4931.57	4993.26	5077.68	5077.68	
IDC	94406.81	95531.03	98419.39	98419.39	
Less: Interest earned on deposits	-	-	-	(-) 5589.96	
IDC net of interest earned- Form 5B	-	-	-	92829.43	

In Form 5B, IDC shown on COD of project Rs. 92829.43 lakh, is net of aforesaid interest earned on deposits. While in Form 9E the interest earned on deposits has been included in IEDC on COD of project Rs. 37455.17 lakh.



While calculating the capital cost interest earned on deposits is deducted twice, first from IDC and again from IEDC. The same is visible in the audited balance sheet as on 12.09.2011 i.e. total IDC and IEDC as on 12.09.2011 was Rs. 1404.14 crore (IDC 984.19 crore + FC 50.77 crore + IEDC Rs. 430.45 crore – interest earned 55.89 crore). The same figure is also mentioned in Form 14 of the tariff forms submitted earlier to Hon'ble Commission.

Petitioner humbly request Hon'ble Commission to consider the revised Form 5B (enclosed in tariff forms submitted for true up) with correct presentation of IDC & FC and may please to allow correct IDC of Rs. 98419.39 lakh in the capital cost.

12. **Reconciliation of debt as per Form 14 with books of accounts:**  
Hon'ble Commission vide para 82 of its Order dated 30.03.2017 directed the Petitioner as follows:

“82. .... . *The petitioner is also directed to furnish the reconciliation of the debt position as per Form-14 with the books of accounts for each year at the time of trueing -up in terms of the Regulation 8 of the 2014 Tariff Regulations.*”

In compliance of the aforesaid direction, Petitioner respectfully submits that a reconciliation between Debt Position as per Form-14 and Debt Position as per Balance Sheet is annexed hereto as **Annexure T7.**

13. **Financing charges and Syndication fee:** Hon'ble Commission vide para 85 of its Order dated 30.03.2017 directed the Petitioner as follows:



“85. In line with the above decision, the claim of the petitioner with respect to Financing charges and Syndication fees has not been allowed. However, the petitioner is granted liberty to submit the details of expenditure incurred towards the financing charges/ syndication fees, detailed breakup/ calculations, duly certified by Auditor, along with all supporting bank documents, including the basis of unit-wise allocation of the financing charges, at the time of truing up of the tariff in terms of the Regulation 8 of the 2014 Tariff Regulations.

In compliance of the aforesaid direction, Petitioner respectfully submits auditor's certificate towards the financing charges/ syndication fees and detailed breakup/ calculations as **Annexure T8 (Colly)**.

Basis of unit-wise allocation of the financing charges has been explained in Enclosure 1 to Form 9E submitted in petition no. 434/GT/2014.

14. **Service tax and Entry tax liabilities:** Hon'ble Commission vide para 101-102 of its Order dated 30.03.2017 has stated as under:

*101. As regards the submission of the petitioner in Note-5, an amount of Rs 30.64 crore has already been included in the capital cost as on COD. In respect to the amount of Rs 21.00 lakh claimed as capitalization during the year 2013-14 as service tax, the petitioner has not clarified as to whether this amount pertains to undischarged liability included in the gross block value or is an amount accrued in the year 2013-14 and if so, on what account it has been accrued or paid.*





Similarly, as regards the claim for additional capital expenditure of Rs. 4097.98 lakh during the period from 2014-17, the petitioner has submitted that the same is required to be paid. In the absence of proper justification, the claim of the petitioner is not allowed. Accordingly, the amount of Rs 21.00 lakh has been deducted from the gross block as on 31.3.2014 and Rs 4097.24 lakh from the gross block during the period from 2014-17 from the respective years as indicated in Form- 9A.

102. As regards the submission of the petitioner in Note-7, it is noticed that the petitioner has submitted that the entry tax amounting to Rs 17.87 crore (16.13 + 1.74) has been paid upto COD but has not been included in the capital expenditure. However, the reasons for not including the said amount in capital expenditure upto COD though paid, and claimed as additional capital expenditure has not been clarified by the petitioner. The petitioner has also submitted in Form-9A that the said amount has been considered as cash flow but it is not clear as to year in which the same has been considered. As regards the amount of Rs 7.15 crore and Rs 7.78 crore capitalized in 2013-14 and is required to be paid, no clarification has been submitted by the petitioner. Accordingly, the entire amount of entry tax amounting to Rs 32.80 crore has not been allowed on account of absence of information like the exact year of accrual/ payment, the reasons for not including the same in capital expenditure upto COD (stated to have been paid upto COD), the activities related to which the entry tax has been accrued after the period of COD.



*Accordingly, these amounts have been deducted from the closing gross block (Form-9E) of the respective years (post COD) to arrive at the capital cost for the purpose of tariff. As the year of claiming capitalization of Rs 17.87 crore is not evident from Form- 9 A, the same has been deducted from the gross block as on 31.3.2012.*

In this regards petitioner respectfully submits that:

a) Rs. 21,01,977 was paid as service tax to the construction contractor Jaiprakash Associates Limited (JAL) for the RA bills upto 31.3.2013 and has been capitalized in books in FY 2013-14. The said amount was paid under the original scope of project work though it was accrued and capitalized after COD and same is not a revenue expenditure. It is also clarified that it was not included in the undischarged liability. It is kindly requested that the Hon'ble Commission may please allow Rs. 0.21 Crore in the trued up capital cost.

b) Additional capital expenditure towards service tax of Rs. 4097.98 lakh payable against the RA bills of Jaiprakash Associates Limited (JAL) was demanded by the service tax department vide its show cause notice dated 20.10.2011 (**Annexure T9**). Accordingly, provision for said amount was kept in completion cost & not capitalized and was part of undischarged liability. JAL had filed appeal with Commissioner (appeals) against said demand of service tax, which was allowed in favour of JAL. Later revenue dept. went into appeal with CESTAT and the matter is pending thereat.

The same amount is included in the undischarged liability in the present Control Period of FY 2019-20 to FY 2023-24 also but no tariff is being claimed against the same. The Company shall include this



amount of service tax in the capital cost if it is paid by the Company based on the orders of the Competent Authority.

c) Entry tax was levied as per the Himachal Pradesh Tax on Entry of Goods into Local Area Act 2010 effective from 07.04.2010. The Company had challenged the applicability of entry tax in Himachal Pradesh High court and later in the Hon'ble Supreme Court. Pending the Hon'ble Supreme Court decision and as directed by the Hon'ble High Court of Himachal Pradesh vide its order dated 22.9.2010 (**Annexure T10**), the Company had been paying 1/3<sup>rd</sup> entry tax in cash and 2/3<sup>rd</sup> in the form of pledged FDRs with Sales tax department.

The Hon'ble Supreme Court on 11<sup>th</sup> November 2016 upheld the constitutional validity of the state legislations with regard to levy of entry tax on goods coming into its territory. A 7:2 majority verdict by the Hon'ble Supreme Court ruled that the tax legislation by the State does not require the consent of the President under Article 304 B of the Constitution.

The Division Bench of the Hon'ble Supreme Court on 21<sup>st</sup> March, 2017 in the case of State of UP & Ors. vs. Indian Oil Corporation Ltd. & etc. CA No. 997-998/2004 decided that the matter pertaining to Entry Tax are required to be examined by the respective High Courts in view of the reference answered by the Nine Judges.

Thus, the matter in respect of levy of Entry Tax on the Company's Karcham Wangtoo Project is under hearing stage at Hon'ble High Court of Himachal Pradesh, Shimla under CWP no. 665 of 2017 (Extract of appeal enclosed as **Annexure T11**).



Based on direction given by the Hon'ble High Court of Himachal Pradesh, an amount of Rs. 32,79,95,358 has been paid by the Company towards the Entry Tax incurred upto 31.12.2011 against the project works of Karcham Wangtoo to the Himachal Pradesh Sales tax department in the form of 1/3<sup>rd</sup> cash payment and 2/3<sup>rd</sup> bank FDRs pledged. Year wise details of entry tax payments and FDR pledged (as per order dt. 22.09.10 of Hon'ble High Court of Himachal Pradesh) are as under:

Amount in Rs.

Sr. No.	Entry tax assessment period	Cash payment (1/3 <sup>rd</sup> of the assessed amount)	FDR pledged (2/3 <sup>rd</sup> of the assessed amount)	Total entry tax amount
1	08.04.10 to 30.09.10	9,86,35,996	-	9,86,35,996
2	01.10.10 to 28.02.11	2,69,99,240	5,39,98,479	8,09,97,719
3	01.03.11 to 31.03.11	3,00,23,477	6,00,46,953	9,00,70,430
4	01.04.11 to 30.06.11	56,13,577	1,12,27,155	1,68,40,732
5	01.07.11 to 30.09.11	1,02,67,686	2,05,35,370	3,08,03,056
6	01.10.11 to 31.12.11	35,49,142	70,98,283	1,06,47,425
	<b>Total</b>	<b>17,50,89,118</b>	<b>15,29,06,240</b>	<b>32,79,95,358</b>

The payments against the Entry tax assessment period were made in different Financial Years and classified in books as advances to sales tax department and considered as Cash outflow for the purposes of computation of Tariff. The Hon'ble Commission may please appreciate that Company has already paid the said amounts which directly impacted its cash flow. It is also clarified that the activities on which Entry Tax has been levied are completely related to the construction of dam and tunnels of Karcham Wangtoo HEP.



However, the Company shall file an appropriate petition on the issue of Entry Tax once the matter is finally decided by the Hon'ble Courts.

15. **Preliminary expenses:** Hon'ble Commission vide para 106 of its Order dated 30.03.2017 has deducted a sum of Rs. 2.01 crore on account of Preliminary Expenses.

*“106. Though the petitioner has submitted that the claims have not been capitalized in the books of account, as per accounting practices, it is observed that the petitioner has not furnished any details and explanation as regards the said claims such as break-up of the expenses, reasons/ accounting practices on account of which such expenses have not been considered for capitalization. Accordingly, in the absence of detailed justification, the petitioners claim for Rs. 2.01 crore has not been allowed. The petitioner is however, granted liberty to approach the Commission at the time of truing up for 2014-19 subject to submission of details along with proper justification of the said claims.”*

With regard to deduction of a sum of Rs. 2.01 crore on account of Preliminary Expenses, Petitioner respectfully submits that said expenses pertain to issue of share capital & increase in share capital exclusively for the Company which was incorporated for construction of Karcham Wangtoo HEP i.e. Jaypee Karcham Hydro Corporation Ltd. (JKHCL) and it had no other business except power generation.

As per the accounting practices the preliminary expenses, though incurred till 2005-06 but are charged, in Profit & Loss statement for the year ended 31.3.2010. The details of the same are as under:



Particulars	Date of payment	Amount (Rs.)
ROC fee paid for share capital of Rs. 100 crore (Form 5 & Form 23)	30.6.2003	26,05,500
Misc. Exp.	30.6.2003	94,180
ROC filing fee towards increase in authorised share capital (Form 5 & Form 23)	8.2.2005	25,00,500
ROC filing fee towards increase in authorised share capital from Rs. 100 crore to Rs. 2000 crore (DD issued to ROC Jalandhar with Form 5)	19.4.2005	1,48,94,000
ROC filing fee at ROC Jalandhar (Form 23)	19.4.2005	500
<b>Total</b>		<b>2,00,94,680</b>

It is humbly submitted that the aforesaid preliminary expense is incurred exclusively for JKHCL which is predecessor of JPVL/HBPCL/JSW Hydro and without incurring such expense the KWHEP plant could not come in existence. The same was necessary for the business of generation of electricity. It may also be kindly noted that the change in ownership occurred with transfer of all the assets & liabilities and the consideration paid for acquisition included said preliminary expense.

Thus, Hon'ble Commission may kindly allow Rs. 2.01 Crore incurred on account of Preliminary Expenses.

16. **Initial spares:** Hon'ble Commission vide para 109 of its Order dated 30.03.2017 has deducted a sum of Rs. 2122.89 Lakh on account of initial spares.



109. .... Accordingly, considering the capital cost of Rs 638197.15 lakh (prior to adjustment of capital spares) as on the cut-off date of the generating station, the cost of spares (without the cost of 3 additional runner as spares) works out to Rs 9541.11 lakh. Accordingly, the cost of initial spares allowable in terms of the Regulation 8(iii) of the 2009 Tariff Regulations is summarized as under:

		Rs. in Lakh
1	Capital cost on 31.3.2014 before adjustment of initial spares	638197.15
2	Cost of initial spares included in above by petitioner	11664.00
3	Cost of initial spares allowed as per Regulation 8 of the 2009 Tariff Regulations	1.5 * (638197.15 - 11664)/98.5 = 9541.11
4	<b>Deduction on claimed initial spares</b>	<b>11664 - 9541.11 = 2122.89</b>

With regard to deduction of a sum of Rs. 2122.89 Lakh on account of initial spares, Petitioner respectfully submits as under:

a) In Form 5B & 5C to the MYT petition no. 434/GT/2014, Petitioner had claimed total spares as under:

Normal Spares	Rs. 116.64 lakh
Additional Spares (Runners)	Rs. 89.99 Lakh

The Petitioner has categorically specified additional runners (under water spares) as additional spares of Rs. 89.99 crore, which were required to combat the high silt content in Satluj river. Apart from under water spares, many over water spares were also procured for the very same reason. These over water additional spares had been clubbed under "normal spares" heading of Rs. 116.64 crore. All these additional spares had been procured by the Petitioner for bonafide use for smooth operations of Karcham Wangtoo HEP so that downtime of the Karcham Wangtoo can be minimized.



b) Hon'ble Commission has already increased Normative Annual Plant Availability Factor (NAPAF) of Karcham Wangtoo HEP from 85% allowable as per provisions of Regulation 37 (1) (c) of the 2014 Tariff Regulations to 90% vide para 140 of its Order dated 30.03.2017 which is causing hardship to the Petitioner.

In view of bonafide requirement of the initial spares for smooth operation of Karcham Wangtoo HEP and increase in the NAPAF from 85% to 90% explained as above, Petitioner respectfully submits amount of Rs. 2122.89 Lakh deducted on account of additional spares may please be allowed.

However, if the Hon'ble Commission is still firm on the methodology followed in para 109 of the MYT order dt. 30.3.2017, it may kindly consider the Trued up capital cost for the calculation of allowable initial spares.

17. **Land under reservoir:** Hon'ble Commission vide para 122 of its Order dated 30.03.2017 directed the Petitioner as follows:

*“122. In terms of above regulation, land **other than the land held under lease and the land for reservoir in case of hydro generating station shall not be a depreciable asset and its cost shall be excluded from the capital cost while computing the depreciable value of the asset. The petitioner has however not furnished the details regarding land under reservoir. In absence of the same, the value of free hold land amounting to Rs. 2488.44 lakh has been excluded for the purpose of calculating depreciable value. The petitioner is granted liberty to furnish the details regarding land under***





*reservoir at the time of truing up of tariff in terms of the Regulation 8 of the 2014 Tariff Regulations.”*

In compliance of the aforesaid direction, Petitioner respectfully submits details of land as under:

Total area of freehold land	Hectare	5.1016
Total cost of free hold land	Rs. Lakh	2488.44
Land under reservoir	Hectare	0.5913
Land other than, land under reservoir	Hectare	4.5103
<b>Cost of land under reservoir</b>	<b>Rs. Lakh</b>	<b>288.42</b>
Cost of land other than, land under reservoir	Rs. Lakh	2200.02

It is humbly submitted that cost of land under reservoir **Rs. 288.42 lakh** may please be allowed as a depreciable asset.

18. **Depreciation limited to long term tied up capacity:** Hon'ble Commission vide para 125 & 126 of its Order dated 30.03.2017 observed as under:

*“125. Accordingly, in line with the above regulation and in terms of the agreement between the Govt. of H.P and the petitioner, the salvage value for the purpose of tariff is to be considered as 5%. i.e.; the depreciable value shall be 95%. However, the second proviso to Regulation 27(3) of the 2014 Tariff Regulations provides as under:*

*“Provided further that the capital cost of the assets of the hydro generating station for the purpose of computation of*



*depreciated value shall correspond to the percentage of sale of electricity under long-term power purchase agreement at regulated tariff.”*

*126. In the present case, out of the 1000 MW capacity, 704 MW capacity (i.e. 70.4%) has been tied up under long-term PPA on cost plus basis. This implies that the depreciable value is to be limited up to 70.40%. Accordingly, the depreciable value has been considered as 70.40% of the gross block value (excluding free hold land). Based on this, calculation for depreciation is as under:*

With regard to observation of Hon'ble Commission in para 125 & 126 of Order dated 30.03.2017, Petitioner respectfully submits as under:

As rightly observed by the Hon'ble Commission that the capacity of the Karcham Wangtoo HEP is 1000 MW (presently) and out of 1000 MW (presently), 704 MW i.e. 70.4% capacity has been tied up under long term PPA on cost plus basis. The Petitioner respectfully submit that the Hon'ble Commission has approved the tariff of Karcham Wangtoo HEP at 100% on the basis of 1000 MW (presently) capacity. However, Petitioner is recovering the Capacity Charge and Energy Charge from the beneficiary in proportion to capacity tied up in long term PPA i.e. 70.4%. Petitioner is not recovering 100% tariff as approved by the Hon'ble Commission from the beneficiary but only recovering the tariff proportionate to tied up capacity under long term PPA.

Therefore, if depreciation is allowed by the Hon'ble Commission limited to 70.4% then it will lead to double deduction of depreciation.



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This cannot be the intent of this Hon'ble Commission. Therefore, it is requested that 100% (not 70.4%) depreciation be considered.

Further, the Petitioner humbly submits that now 100% capacity of the project has been tied up under long term PPA with PTC India Ltd. effective from 23.12.2017.

The beneficiary wise break up of power supply to different discoms through PTC India, is as under:

HPPC 200 MW	1.5.2014
UPPCL 200 MW	1.6.2014
RDPPC 104 MW	1.10.2014
HPPC 176 MW	23.12.2017
PSPCL 200 MW	1.4.2018

Based on above, Petitioner kindly submits that the said observation of depreciation may not be relevant for the present as well as future tariff control periods.

19. **Interest on excess equity during construction period (normative IDC):** Regulation 9 (1), 9 (2) and 10 (1) of the Tariff Regulations, 2014 specify as follows:-

*“9. Capital Cost:*

*(1) The Capital cost as determined by the Commission after prudence check in accordance with this regulation shall form the basis of determination of tariff for existing and new projects.*

*(2) The Capital Cost of a new project shall include the following:*

*a) the expenditure incurred or projected to be incurred up to the date of commercial operation of the project;*



b) Interest during construction and financing charges, on the loans (i) being equal to 70% of the funds deployed, in the event of the actual equity in excess of 30% of the funds deployed, by treating the excess equity as normative loan, or (ii) being equal to the actual amount of loan in the event of the actual equity less than 30% of the funds deployed;

Further Regulation 19 (1) of the Tariff Regulations, 2014 specifies as under:-

*“19. Debt-Equity Ratio: (1) For a project declared under commercial operation on or after 1.4.2014, the debt-equity ratio would be considered as 70:30 as on COD. If the equity actually deployed is more than 30% of the capital cost, equity in excess of 30% shall be treated as normative loan:*

*Provided that:*

- i. where equity actually deployed is less than 30% of the capital cost, actual equity shall be considered for determination of tariff:*
- ii. the equity invested in foreign currency shall be designated in Indian rupees on the date of each investment:*
- iii. any grant obtained for the execution of the project shall not be considered as a part of capital structure for the purpose of debt : equity ratio*

The Hon'ble Commission vide para 82 of its order dated 30.3.2017 has stated that:

*82. The capital cost allowed along with the IDC as above is subject to revision at the time of truing up exercise based on the balance sheet as on COD of each unit and basis of IDC allocation, to be furnished by the petitioner. ....*



In view of above it is kindly submitted that during the construction period of the KWHEP, equity deployed was more than the equity mentioned as per debt equity ratio prescribed in the tariff regulations. Hence the extra equity deployed during the construction period is to be treated as normative loan and interest on the said normative loan is require to be allowed in the capital cost.

Petitioner humbly submits that this claim was left out inadvertently in the MYT petition no. 434/GT/2014 and therefore the same is being claimed in current true up petition.

The details of cumulative expenditure incurred and source of finance from equity & Loans / excess equity to be treated as normative loan is as under:

Year	Expendi- ture including cash & bank balance	Equity	Loan	Normative Equity (30% of expenditure)	Excess equity to be treated as normative loan	Interest on Excess equity to be treated as normative loan IDC *	Amount in Rs. crore	
2006	600.00	600.00	-	180.00	420.00	43.05		
2007	998.38	750.00	248.38	299.51	450.49	46.18		
2008	1332.82	750.00	582.83	399.85	350.15	35.89		
2009	2834.74	925.00	1909.75	850.42	74.58	9.14		
2010	4201.27	1325.00	2626.28	1260.38	64.62	7.92		
2011	6334.19	2145.00	4189.19	1900.26	244.74	28.76		
2012 (upto 12.9.11)	6578.68	2145.00	<b>4433.68</b>	1973.60	171.40	10.05		
<b>Total</b>								<b>180.99</b>

\* @ SBI PLR of 1<sup>st</sup> April



In view of above submissions, it is kindly requested that an amount of **Rs 180.99 Crore** towards IDC on excess equity deployed may please be allowed in the capital cost for calculation of tariff.

**20. IDC between COD of units (26.5.11 to 12.9.11):** Hon'ble Commission vide para 88-91 of its Order dated 30.03.2017 has disallowed additional IDC of Rs. 45.72 crore as under:

*88. As regards the additional IDC of Rs. 45.72 crore for the period from COD of Unit-1 (26.5.2011) to COD of the Unit-IV / generating station (12.9.2011), we are of the view that apportioning of capital expenditure equally between the units, benefits the beneficiaries by way of reduced tariff during the period starting from the COD of first unit to COD of the last unit and the additional IDC which accrues to the generator on this account trades off the reduced tariff it has received till COD of the last unit. However, in the present case the beneficiaries have not availed the benefit of reduced tariff during the period starting from the COD of first unit to COD of the last unit as the generator was selling the power on short term basis.*

*89. Further, Regulation 4(2) of the 2009 Tariff Regulations provides as under:*

*“4(2). For the purpose of determination of tariff, the capital cost of a project may be broken up into stages, blocks, units, transmission lines and sub-stations, forming part of the project, if required:*

*Provided that where break-up of the capital cost of the project for different stages or units or blocks and for transmission lines or sub-stations is not available and in case of on-going projects, the common facilities shall be*



apportioned on the basis of the installed capacity of the units, line length and number of bays”.

90. The petitioner has submitted that it has capitalized common facilities in the Books of Account at the time of capitalization of Unit-1 as per the Accounting Practice and accordingly capitalized the IDC in the Books of Account. In terms of the above regulation, all common facilities shall be apportioned on the basis of the installed capacity of the units, only where the break-up of the capital cost for different units is not available. However, in the present case, the unit-wise cost break up is available and hence, capacity wise allocation has not been undertaken.

91. In this background, we disallow the additional IDC of Rs. 45.72 crore claimed by the petitioner for the period from COD of Unit-1 (26.05.2011) to COD of the Unit-4 / generating station (12.9.2011).

In this regards petitioner respectfully submits that Hon'ble Commission has rightly observed that sale of power to the beneficiaries under long term from 26.5.2011 to 12.9.2011 could not be made, however, it has escaped the attention of the Hon'ble Commission that the revenue earned from sale of power under short term (infirm power) has been adjusted in tariff during said period, to the benefit of the procurers.

Sale of power under long term has been started from 1.5.2014 and effective from 1.4.2018, 100% of power is being sold under long term arrangements. It may kindly be noted that all the other information towards IDC is already shared with the Hon'ble Commission.



It is also submitted that additional IDC from COD of Unit-1 (26.05.2011) to COD of Unit-4 (13.09.2011) amounting to Rs. 45.72 Crores was claimed in the capital cost since Petitioner had capitalized all common facilities in the Books of Account at the time of capitalization of Unit-1 as per the accounting standards.

Further it is to submit that due to difference of method of capitalization/ apportionment of common facilities in the books of account (which is as per accounting standard/ Company Law) and tariff regulations; IDC during the COD of Unit-1 to COD of last Unit of the project has to be different.

Due to capitalization of all common facilities at the time of capitalization of Unit 1, the capital cost in the books of account is lower as compare to capital cost calculated with apportionment of common facilities on the basis of installed capacity as per tariff regulations. The same can be seen from the example given below:

**Illustration:**

**Amount in Rs.**

**Case 1 -As per Books of Account:**

Cost as on	COD of unit 1 on	COD of unit 1 on	COD of unit 1 on	COD of unit 1 on
31.03.18	01.04.18	01.05.18	01.06.18	01.07.18
Individual unit cost	1000.00	1000.00	1000.00	1000.00
Common facilities	1000.00	-	-	-
	2000.00	1000.00	1000.00	1000.00
IDC @ 12% in FY 18-19	-	10.00	20.00	30.00
Cost	2000.00	1010.00	1020.00	1030.00

**Total Cost is Rs 5060.00**





Cost as on 31.03.18	COD of unit 1 on 01.04.18	COD of unit 1 on 01.05.18	COD of unit 1 on 01.06.18	COD of unit 1 on 01.07.18
Individual unit cost	1000.00	1000.00	1000.00	1000.00
Common facilities	250.00	250.00	250.00	250.00
	1250.00	1250.00	1250.00	1250.00
IDC @ 12% in FY 18-19	-	12.50	25.00	37.50
Cost	1250.00	1262.50	1275.00	1287.50

**Total Cost is Rs 5075.00**

From the above illustration, the Hon'ble Commission may please observe that there is difference in the IDC during the COD of Unit 1 to COD of Unit 4 in both scenarios due to apportionment of common facilities. IDC in case-1 is Rs 60 against IDC of Rs 75 in case-2.

Cash outflow in both cases is same however in case-1 Rs 60 is added in capital cost and Rs 15 will be debited to profit and loss account as expenditure and in case-2 Rs 75 will be added to capital cost.

In our books of account, we have capitalized / apportioned total cost of common facilities along with capitalization / COD of Unit-1 which was to be apportioned 1/4<sup>th</sup> of cost in terms of tariff regulations (As COD of Unit-1 250MW was declared out of the 1000MW of total capacity).

As part of IDC which was to be added in the capital cost as per tariff regulations was debited to Profit & loss account to comply the accounting standard/ company law. The calculations of the same was



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attached in the Petition No. 434/GT/2014 in tariff form no 9E and Enclosure-1 to Tariff Form No. 9E and interest of Rs 45.72 Crore was claimed in the capital cost which was disallowed by the Hon'ble Commission.

On account of above submission, the Hon'ble Commission may please allow the IDC of Rs. 45.72 Crore.

21. **IDC on additional capital expenditure from COD of last unit to cut off date:** Hon'ble Commission vide para 92-93 of its Order dated 30.03.2017 has disallowed IDC on additional capital expenditure of Rs. 10.10 crore as under:

*92. The petitioner has claimed Rs. 10.10 crore towards IDC on additional capitalization from COD of unit -IV (13.9.2011) to 31.3.2014. However, the petitioner has not furnished any justification towards the claim for additional IDC on additional capital expenditure. It is also observed that the additional capital expenditure claimed by the petitioner during the period from 13.09.2011 to 31.03.2014 is mainly on account of discharge of the outstanding liabilities. ....*

*93. Accordingly, the addition in gross block by way of direct purchases is only in 2013-14 which is (on cash basis) Rs. 281.14 lakh only. It is evident from the above discussion that there has been no further fund infusion/ utilization/ transfer from CWIP after COD, whereas, IDC has been duly allowed on the entire debt infusion by the petitioner till COD. Accordingly, the claim of the petitioner is not justifiable and hence not allowed.*



In this regards it is respectfully submitted that petitioner has incurred capital cost on cash basis after COD (mentioned in enclosure 2 of Form 9E of the MYT petition) as under:

Rs. in Crore

Sr. no.	Period	Amount	Equity 30%	Debt 70%	Interest @ 12.2%
1	14.9.11 to 31.3.12	250.67	75.20	175.46	5.91
2	1.4.12 to 31.3.13	38.19	11.46	26.73	1.63
3	1.4.13 to 31.3.14	60.39	18.11	42.27	2.55

The petitioner has claimed interest on the 70% of expenditure i.e. notional loan for payment. The interest on loan for the said period is calculated at prevailing ROI on average balance. As per the regulation, 30% of cash flow is added in equity & 70% is treated as loans and IDC on the same is added to capital cost. In this regards, the Petitioner has relied upon the APTEL judgement dated 3.10.2019 under appeal no. 231 of 2017.

On account of above submission, the Hon'ble Commission may be pleased to allow the IDC on additional capital expenditure.

22. The Regulation 8 of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014 provides for the truing up exercise as under:

**8. Truing up**

*(1) The Commission shall carry out truing up exercise along with the tariff petition filed for the next tariff period, with respect to the capital expenditure including additional capital expenditure incurred up to 31.3.2019, as admitted by the Commission after prudence check at the time of truing up Provided that the generating company or the transmission*



licensee, as the case may be, shall make an application for interim true-up of capital expenditure including additional capital expenditure in FY 2016-17.

(2) The generating station shall carry out true-up of tariff of generating station based on the performance of following Controllable parameters:

a) Controllable Parameters :

- i) Station Heat Rate;
- ii) Secondary Fuel Oil Consumption;
- iii) Auxiliary Energy Consumption; and
- iv) Re-financing of Loan

.....

Accordingly, the Petitioner herein below submits the following with regard to true-up for the period from FY 2014-15 to FY 2018-19:

#### TRUE UP OF CAPITAL COST

23. In terms of aforesaid Regulation 8(1), Petitioner submits herein below the Capital Cost and Annual Fixed Cost claimed for tariff period 2014-19:

Statement showing claimed capital cost:

Rs. in Lakh

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Opening Capital Cost as on April 01st	6,79,891.61	6,86,587.93	6,86,590.16	6,90,197.10	6,91,318.52
Add: Addition during the year	777.86	-	-	-	-
Less: Decapitalisation during the year	-	-	-	-	-
Less: Reversal during the year	-	-	-	-	-
Add: Discharges during the year	5,918.46	2.23	3,606.94	1,121.42	1,005.76
<b>Closing Capital Cost as on March 31st</b>	<b>6,86,587.93</b>	<b>6,86,590.16</b>	<b>6,90,197.10</b>	<b>6,91,318.52</b>	<b>6,92,324.28</b>
Average Capital Cost {(Opening + Closing) / 2}	6,83,239.77	6,86,589.05	6,88,393.63	6,90,757.81	6,91,821.40



Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	35,395.42	35,568.93	35,662.42	35,784.90	35,840.00
Interest on Loan	46,994.53	38,969.84	31,015.07	25,640.83	20,850.04
Return on Equity	42,789.94	43,207.74	43,321.30	43,470.08	52,640.00
Interest on Working Capital	3,756.91	3,647.40	3,531.29	3,480.19	3,653.02
O & M Expenses	15,848.82	16,963.72	18,090.14	19,291.32	20,572.26
<b>Total (Annual Fixed Cost)</b>	<b>1,44,785.63</b>	<b>1,38,357.64</b>	<b>1,31,620.22</b>	<b>1,27,667.32</b>	<b>1,33,555.32</b>

### TRUE UP OF CONTROLLABLE PARAMETERS

#### 24. True up of Auxiliary consumption:

Regulation 8(2) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014 states that:

*The generating station shall carry out trueing up of tariff of generating station based on the performance of following*

*Controllable parameters:*

- a) *Controllable Parameters:*
  - i) *Station Heat Rate;*
  - ii) *Secondary Fuel Oil Consumption;*
  - iii) *Auxiliary Energy Consumption; and*
  - iv) *Re-financing of Loan.*

Hon'ble Commission vide its notification no. L-1/144/2013/CERC dated 5.11.2015 has issued Central Electricity Regulatory Commission (Terms and Conditions of Tariff) (First Amendment) Regulations, 2015 wherein following proviso after formula given under clause (6) to Regulation 8, was added:

*Provided that in case of hydro generating stations, the net gain on account of Actual Auxiliary Energy Consumption being less than the Normative Auxiliary Energy Consumption, shall be computed as per following formulae*



provided the saleable scheduled generation is more than the saleable design energy and shall be shared in the ratio of 60:40 between generating station and beneficiaries:

(i) When saleable scheduled generation is more than saleable design energy on the basis of normative auxiliary consumption and less than or equal to saleable design energy on the basis of actual auxiliary consumption:

Net gain (Million Rupees)=

(Saleable Scheduled generation in MUs- Saleable Design energy on the basis of normative auxiliary consumption in MUs) x 0.90

(ii) When saleable scheduled generation is more than saleable design energy on the basis of actual auxiliary consumption:

Net gain (Million Rupees)=

{Saleable Scheduled generation in MUs- [(Saleable Scheduled Generation in MUs x (100-normative AEC in %)/(100- actual AEC in %)]}x 0.90

The tariff order for control period 2014-19 was passed by this Hon'ble Commission on 30.3.2017 and acting upon the amended Regulation 8(6), the petitioner has worked out the net gain on account of actual auxiliary consumption for the period 1.4.2014 to 31.3.2019 as under and detailed in **Annexure T12**:

Particulars	Amount in Rs. Lakh					
	2014-15	2015-16	2016-17	2017-18	2018-19	Total
Normative Auxiliary consumption	1.20%	1.20%	1.20%	1.20%	1.20%	
Actual Auxiliary consumption	0.66%	0.68%	0.68%	0.70%	0.67%	



Total Gain	181.31	196.40	179.23	181.96	\$ -	738.90
40% of gain to be shared with beneficiaries	72.52	78.56	71.69	72.78	-	295.56
Gain to be shared as per long term power tied up ratio *	<b>31.34</b>	<b>44.99</b>	<b>41.06</b>	<b>42.03</b>	-	<b>159.42</b>

\$ For FY 2018-19, saleable scheduled generation is less than saleable design energy, therefore gain on account of auxiliary consumption, is NIL.

\* Power supply to different discoms started through PTC India as under:

HPPC 200 MW	1.5.2014
UPPCL 200 MW	1.6.2014
RDPPC 104 MW	1.10.2014
HPPC 176 MW	23.12.2017
PSPCL 200 MW	1.4.2018

Petitioner further submits that it has raised credit note for the said gain on account of auxiliary consumption to PTC India Ltd. on 4.1.2019 of **Rs. 169.6 Lakh**. Necessary debit/credit note shall be raised post true up order.

25. True up of interest cost on term loans:

Regulation 26(7) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014 casts a responsibility upon the generating company to make efforts to refinance the existing loans as long as it results in net savings on interest. In accordance with the same, the Petitioner has done the refinancing of its existing loans (bearing higher interest rates) to low interest rate term loans. The State bank of India led consortium had



approved a loan of Rs. 7550 crores to the Petitioner (Rs. 6600 crores for Karcham Wangtoo HEP and Rs. 950 crore for Baspa II HEP).

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a. In accordance with Regulation 8(2), 2<sup>nd</sup> proviso to Regulation 8(6) and Regulation 26(7) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014, the petitioner has worked out the revised interest on loans after the refinancing activity, in the tariff forms based on actual loans portfolio. The gain in interest cost on account of re-financing of loans is as under, and detailed in **Annexure T13**:

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
<b>Savings in interest cost due to re-financing during Sep-Oct 2015</b>					
Weighted average rate of interest (%) of existing loans, considered in tariff petition / order	12.7845	12.7805	12.7757	12.7704	12.7643
Weighted average rate of interest (%) of refinanced loans	12.7845	11.6540	10.3349	9.6383	9.0256

Rs. in Crore

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Average Normative loan <i>as per tariff order dt. 30.3.2017</i>	3420.11	3132.25	2820.53	2492.41	2154.91
Net savings in interest on loan	-	35.29	68.84	78.07	80.57
<b>As per regulation 26(7) of CERC Tariff Regulations 2014, gain to be shared between:</b>					
a. Generating company (1/3rd) *	-	11.76	22.95	26.02	26.86
b. Beneficiaries (2/3rd)	-	23.52	45.90	52.04	53.71

\* *subject to Trued up capital cost and normative loans*

The Petitioner humbly submits that total net savings in interest on loan, has been incorporated in the true up tariff forms itself.





It is respectfully submitted that in addition to tried up AFC, the Hon'ble Commission may kindly allow the gain applicable to the Company on account of refinancing of loans, for respective years of the control period FY 2014-15 to 2018-19.

b. Regulation 26(7) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2014, states as under:

*(7) The generating company or the transmission licensee, as the case may be, shall make every effort to re-finance the loan as long as it results in net savings on interest and in that event the costs associated with such re-financing shall be borne by the beneficiaries and the net savings shall be shared between the beneficiaries and the generating company or the transmission licensee, as the case may be, in the ratio of 2:1.*

The Petitioner submits herewith that the cost associated with the refinancing activity is summarised as under and Hon'ble Commission may kindly allow to recover said cost from the beneficiaries, in accordance with the Tariff Regulations:

Rs. in crore

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
<b>Re-financing cost</b>					
Upfront fee	-	19.62	-	-	-
Prepayment penalty	-	81.10	-	-	-
Syndication fee	-	15.42	-	-	-
Legal charges for re-financing	-	0.38	-	-	-
Escrow account fee	-	0.15	-	-	-
<b>Total</b>	<b>-</b>	<b>116.68</b>	<b>-</b>	<b>-</b>	<b>-</b>



Petitioner herewith submits copies of NOC from bankers for closure of old loans (**Annexure T14 - Colly**), summary of new loans (**Annexure T15**), acknowledged copy of 9 no. new loan sanction letters (**Annexure T16- Colly**) and interest reset letters (**Annexure T17 - Colly**).

An auditor certificate for cost of refinancing of Rs. 116.68 crore is enclosed as **Annexure T18**.

#### **DETERMINATION OF TARIFF FOR FY 2019-24 TARIFF PERIOD**

26. The Petitioner herewith submits tariff forms as prescribed in the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019 for determination of Tariff for 2019-24 tariff period.

Summary of expected Annual Fixed Cost (AFC) claimed for the FY 2019-20 to 2023-24 control period, is as under:

Rs. in Lakh

Particulars	Existing	2019-20	2020-21	2021-22	2022-23	2023-24
	2018-19					
Depreciation	35,840	35,793	35,895	35,961	35,961	35,961
Interest on Loan	20,850	18,137	14,814	11,571	8,242	4,914
Return on Equity	52,640	52,727	52,720	52,817	52,817	52,817
Interest on Working Capital	3,653	2,114	2,202	2,181	2,157	2,130
O & M & Security Expenses	20,572	11,710	14,715	15,299	15,912	16,554
<b>Total (Annual Fixed Cost)</b>	<b>1,33,555</b>	<b>1,20,481</b>	<b>1,20,345</b>	<b>1,17,829</b>	<b>1,15,089</b>	<b>1,12,376</b>

#### **27. Ramp up & Ramp down of the units:**

The Hon'ble Commission vide its MYT order dated 30.3.2017 has prescribed NAPFM for the KWHEP at 90% as against claimed 85%.



The availability of plant (PAFM) is dependent upon the availability of water and machine both. To achieve NAPFM hydro plants are required to plan its generation in accordance with the peak hours notified by Regional load dispatch centres (NRLDC in case of KWHEP) in accordance with Regulation 44(2) of Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019. Peak hours notified by NRLDC for the period 1.12.2018 to 1.10.2019 is enclosed as **Annexure M1**.

Sometime the peak hours notified by the RLDC are broken into 2 parts. In both the situations, single block/ dual blocks of peak hours, hydro generators are advised by RLDCs to ramp up / ramp down the units at a specific ramp rate of 15 minutes i.e. minimum interval of 15 minutes between the units to sync with the Grid. Generating station having multiple units mandatorily have to wait for the units to synchronise with the Grid.

It can be observed from the studies of CEA that compared to coal, hydro is a major contributor due to its ability of quick start-stop and quick ramping. (Ref. “Flexible Operation of Thermal Power Plant for Integration of Renewable Generation” of January 2019)

It is submitted that the water being essential part to achieve NAPFM, is utilised to give such ramp up/ ramp down by the hydro generators. Said water quantum can be switched in to the peak hours to meet the Grid requirement of peaking. It is also submitted that the units at KWHEP are capable to sync with the Grid at a faster pace against 15 minutes’ time period prescribed by the RLDC. This will definitely help the Grid and Nation to meet its peaking requirement of energy.

Based on above, Petitioner humbly submits that the ramp up/ ramp down period may please be reviewed by this Hon’ble Commission or



in alternate may kindly allow power generation in the ramping period be considered for PAFM calculation.

28. It is respectfully submitted that in addition to projected AFC for FY 2019-24, the Hon'ble Commission may kindly allow the gain applicable to the Company on account of refinancing of loans done during FY 2015-16, for respective years of the control period FY 2019-20 to 2023-24.

29. **Additional works/ expenditure which has become necessary for efficient and successful operation of plant**

At Karcham Wangtoo HEP, Operation and Maintenance of power station is aimed at reducing failure rate by ensuring smooth operational levels of the power utility. This is done by adopting timely preventive maintenance schedule regarding all vital areas/ assets of the power project.

Since, the plant was commissioned in 2011 and equipment were installed, erected & commissioned during the period from 2006 to 2011, it is evident that the design & technology used was that prevailing during 2000 to 2005. Now, due to ageing of plant equipment, we are facing challenges in plant operations and additional capital expenditure has become necessary under following two heads:

i) **Obsolescence** of then technology on which equipment was manufactured and hence unavailability of essential spares & services for the same in the market or with OEM (Original Equipment Manufacturer).

ii) **Increase in efficiency of plant & it's staff** by incurring additional capital expenditure on HVOC coating plant & permanent staff quarters etc.



Our downstream hydro generators viz. Nathpa Jhakhri HEP have also been allowed similar additional capex under petition no. 314/GT/2018. KWHEP being upstream hydro generator faces more challenges to keep plant and health of the employees in good condition.

The Hon'ble Commission will appreciate that temporary structure of Kilba colony is being reconstructed into permanent colony for the staff of KWHEP. Further for the employees living in nearby area on rent/temporary arrangement, Petitioner is constructing permanent residential blocks, which will increase the morale and efficiency of all the staff.

In view of above, for smooth operations and best efficiency of plant, we intend to combat obsolescence of various key assets installed at Karcham Wangtoo HEP by upgrading them with latest available versions and by incurring necessary additional capital expenditure, in a phased manner during FY 2019-20 to FY 2023-24 as per **Annexure M3**.

Petitioner humbly request the Hon'ble Commission that the additional capital expenditure as stated in Annexure M3 is vital for efficient plant operations and may kindly allow Rs. 53 crore as additional capex during FY 2019-24 tariff period, exercising the powers under Regulation 76 & 77 of the CERC (Terms and Conditions for Tariff) Regulations 2019.



### PRAYERS

In view of the above, the Petitioner prays that this Hon'ble Commission may be pleased to:

- a) true up the capital cost and tariff for sale of power from Karcham Wangtoo HEP for the FY 2014-15 to FY 2018-19, taking into account the submissions made herein above
- b) in respect of service tax & entry tax matters, give liberty to the petitioner to file an appropriate petition to include the amount of service tax & entry tax in the capital cost, after a final decision by the competent authorities
- c) in addition to true up AFC, allow the 1/3<sup>rd</sup> gain applicable to the Company on account of refinancing of loans and allow to recover cost associated with refinancing of loans, for the control period FY 2014-15 to 2018-19.
- d) determine the tariff for the 2019-24 tariff period
- e) relax the provisions of Regulation 42(2) in respect of the cap of 13% free power and allow free power as stipulated in the Implementation Agreement as well as in the PPA & PSAs, post 13.09.2023 exercising the powers under Regulation 54 & 55 of the CERC (Terms and Conditions for Tariff) Regulations 2014, and all other enabling provisions in this regard
- f) allow power generation in the ramping period to be considered for PAFM calculation
- g) allow additions / alterations / changes / modifications to the Present Petition as may be necessary at a future date.
- h) pass such further order or orders as this Hon'ble Commission may deem fit and proper in the circumstances of the case.

Date: 26/10/2019

Place: New Delhi

*Amrinder Singh*  
**PETITIONER**





**AFFIDAVIT**

I, Anurag Agarwal, S/o Kamal Kishore Agarwal aged about 39 years, am the Senior Manager (F&A) of JSW Hydro Energy Limited having its registered office at Sholtu Colony, P.O. Tapri, Dist. Kinnaur - 172104 - Himachal Pradesh, presently residing at Panchsheel Pratishtha, Sector 75, Noida, U.P. do hereby solemnly declares as under:

1. That I am the Senior Manager (F&A) of JSW Hydro Energy Limited and being fully acquainted with the facts of the case, am competent and duly authorized to swear this Affidavit on behalf of the Petitioner.
2. That I have read and understood the contents of the accompanying Present Petition on behalf of the Petitioner for true up of generation tariff of Petitioner's Karcham Wangtoo HEP and, I state that the same are true and correct to the best of my knowledge and belief and no part of it is false and nothing material has been concealed there from.
3. That the Annexures and Documents annexed to the Present Petition



*Anurag*

DEPONENT

**VERIFICATION**

I, the deponent above named do hereby verify that the contents of the above affidavit are true and correct to the best of my knowledge and belief and nothing material has been concealed there from.

Verified at New Delhi on this 25<sup>th</sup> day of October, 2019.



*Anurag*

DEPONENT

**ATTESTED**

NOTARY PUBLIC

*25/10/19*



**CERTIFICATE FOR SERVING OF COPY OF TARIFF PETITION  
TO RESPONDENTS AND DISCLOSURE ON WEBSITE**

This is to certify that a copy of the tariff Petition for true up has been sent by courier to the Respondents as mentioned in the true up Petition and the application has been posted on website of the Petitioner viz. <http://www.jsww.in>. The application shall be retained on the website for at least 30 days from the date of publication of the notice of application in accordance with Clause 3(5) of the CERC notification no. L-7/25(7)/2004-CERC dated July 29, 2004.



PETITIONER

Date: 26/10/2019

Place: New Delhi



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Checklist of Forms and other information / documents for tariff filing for Hydro Stations

Particulars	Title of Tariff Filing Forms (Hydro)	Tick
FORM-1	Summary Sheet	✓
Enclosure-1 to Form 1	Computation of Saleable Design Energy	✓
FORM-2	Details of COD, Type of Hydro Station, Normative Annual Plant Availability Factor (NAPAF) & Other normative parameters considered for tariff calculation	✓
Enclosure-1 to Form 2	Design Energy Generation (1000 MW)	✓
FORM-3	Salient Features of Hydroelectric Project	✓
FORM-4	Details of Foreign loans	✓
FORM-4A	Details of Foreign Equity	✓
FORM-5	Abstract of Admitted Capital Cost for the existing Projects	✓
FORM-5A	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects	✓
FORM-5B	Break up of Capital Cost for New Hydro Power Generating Station	✓
FORM-5C	Break Up Of Capital Cost For Plant & Equipment	✓
FORM-5D	Break up of Construction / Supply / Service Packages	✓
FORM-5Ei	In case there is cost over run	✓
FORM-5Eii	In case there is time over run	✓
FORM-5F	In case there is claim of additional RoE	✓
FORM-6	Financial Package upto COD	✓
FORM-7	Details of Project Specific Loans	✓
FORM-7	Details of Project Specific Loans (Loans A)	✓
FORM-7	Details of Project Specific Loans (Loans B)	✓
FORM-7	Details of Project Specific Loans (Re-financed - Loans C)	✓
Enclosure-1 to Form 7	Repayment Schedule	✓
Enclosure-2 to Form 7	Repayment Schedule (Loans A + Loans B)	✓
Enclosure-3 to Form 7	Repayment Schedule (Loans C)	✓
FORM- 8	Details of Allocation of corporate loans to various projects	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY 2014-15)	✓
Enclosure-1 to Form 9A	Statement of Additional Capitalisation after COD (upto FY 2013-14)	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY 2015-16)	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY 2016-17)	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY 2017-18)	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY 2018-19)	✓
FORM-9B	Statement of Additional Capitalisation during fag end of the Project	✓
FORM-9Bi	Details of Assets De-capitalized during the period	✓
FORM-9C	Statement showing reconciliation of ACE claimed with the capital additions as per books	✓
FORM-9D	Statement showing items/assets/works claimed under Exclusions:	✓
FORM-9E	Statement of Capital cost	✓
Enclosure-1 to Form 9E	Calculation of Unit wise Capital Cost till COD of Unit - 4 (13.09.2011)	✓
Enclosure-2 to Form 9E	Calculation of Capital Cost for Determination of Tariff (After COD of Unit - 4 i.e. 13.09.2011 to 31.03.2014)	✓
FORM-9F	Statement of Capital Woks in Progress	✓
FORM-10	Financing of Additional Capitalisation	✓
FORM-11	Calculation of Rate of Depreciation	✓
FORM-12	Statement of Depreciation	✓
FORM-13	Calculation of Weighted Average Rate of Interest on Actual Loans	✓



Particulars	Title of Tariff Filing Forms (Hydro)	Tick
Enclosure-1 to Form 13	Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012	✓
(Appendix-1 to Appendix-12) to Enclosure-1 to Form 13	Calculation for Enclosure-1 to Form-13	✓
Enclosure-2 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13	✓
(Appendix-1 to Appendix-11) to Enclosure-2 to Form 13	Calculation for Enclosure-2 to Form-13	✓
Enclosure-3 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14	✓
(Appendix-1 to Appendix-28) to Enclosure-3 to Form 13	Calculation for Enclosure-3 to Form-13	✓
Enclosure-4 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15	✓
(Appendix-1 to Appendix-17) to Enclosure-4 to Form 13	Calculation for Enclosure-4 to Form-13	✓
Enclosure-5 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (Apr-Sep15)	✓
(Appendix-1 to Appendix-17) to Enclosure-5 to Form 13	Calculation for Enclosure-5 to Form-13	✓
Enclosure-6 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (Oct-Mar16)	✓
(Appendix-1 to Appendix-9) to Enclosure-6 to Form 13	Calculation for Enclosure-6 to Form-13	✓
Enclosure-7 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17	✓
(Appendix-1 to Appendix-9) to Enclosure-7 to Form 13	Calculation for Enclosure-7 to Form-13	✓
Enclosure-8 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18	✓
(Appendix-1 to Appendix-9) to Enclosure-8 to Form 13	Calculation for Enclosure-8 to Form-13	✓
Enclosure-9 to Form 13	Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19	✓
(Appendix-1 to Appendix-7) to Enclosure-9 to Form 13	Calculation for Enclosure-9 to Form-13	✓
FORM-13A	Calculation of Interest on Normative Loan	✓
FORM-13B	Calculation of Interest on Working Capital	✓
FORM- 13C	Other Income as on actual /anticipated COD	✓
FORM- 13D	Incidental Expenditure during Construction	✓
FORM-14	Draw Down Schedule for Calculation of IDC & Financing Charges	✓
FORM-14A	Actual Cash Expenditure	✓
FORM- 15A	Design Energy and peaking capability (month wise) - ROR with Pondage / Storage type new stations	✓
FORM- 15B	Design Energy and MW Continuous (month wise) - ROR type stations	✓
FORM- 16	Liability Flow Statement	✓



Other Information/ Documents Sl. No.	Information/Document	Tick
1	Certificate of incorporation, Certificate for Commencing Business, Memorandum of Association & Article of Association (for new station set up by a company making tariff application for the first time to CERC) <b>Revised certificate of incorporation of JSW Hydro Energy Limited is attached as Annexure-T1.</b>	✓
2	A. Station wise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & Annexures on COD of the station and for the relevant years. - Audited Balance Sheets of Karcham Wangtoo HEP (Station) as on COD of Unit 1 & 2 as <b>Annexure- T6 (Colly)</b> . - Audited Balance Sheets of Karcham Wangtoo HEP (Station) for Financial Year 2014-15 to 2018-19 as <b>Annexure-T19 (Colly)</b> . - Audited Balance Sheets of the Jaiprakash Power Ventures Limited (earlier parent Company of Karcham Wangtoo HEP) from its Annual reports for the Financial Years 2014-15 to 2015-16 as <b>Annexure T20 (Colly)</b> . - Audited Balance Sheets of the Petitioner's Company i.e. JSW Hydro Energy Limited (formerly Himachal Baspa Power Company Liited) for the Financial Years 2015-16 to 2018-19 as <b>Annexure T21 (Colly)</b> . Tax audit report in Form 3CA/CD along with Income tax returns of JPVL and Petitioner Company for the FY 2014-15 to 2018-19, respectively as <b>Annexure T22 &amp; 23 (Colly)</b>	✓
3	Copies of relevant loan agreements NOCs from old bankers for repayment of old loans (for refinancing of loans) as <b>Annexure T14 (Colly)</b> Summary of new loans (refinanced) with acknowledgement of loans as <b>Annexure T15 (Colly)</b> Loan Agreement for refinanced loans with various bankers as <b>Annexure T16 (Colly)</b> Interest reset letter from lead banker <b>Annexure T17</b>	✓
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	TEC dated 31.03.2003 issued by CEA was attached as Annexure-P6 to MYT petition 434/GT/2014.
5	Copies of the Equity participation agreements and necessary approval for the foreign equity	Not Applicable
6	Copies of the BPSA/PPA with the beneficiaries, if any <b>PPA dated 21.03.2006, Settlement agreement dated 5.8.2013 and Supplementary PPA dt. 1.12.2017 as Annexure- T24 (Colly)</b> .	✓
7	Detailed note giving reasons of time and cost over run, if applicable. List of supporting documents to be submitted: a. Detailed Project Report b. CPM Analysis c. PERT Chart and Bar Chart d. Justification for cost and time Overrun	Report of Energy Infratech Pvt. Ltd. (CERC's Designated Independent Agency) was attached as Annexure-P16 to MYT petition 434/GT/2014.
8	Generating Company shall submit copy of Cost Audit Report long with cost accounting records, cost details, statements, schedules etc. for the Generating Unit wise /stage wise/Station wise/ and subsequently consolidated at Company level as submitted to the Govt. of India for first two years i.e. 2014-15 and 2015-16 at the time of mid-term true-up in 2016-17 and for balance period of tariff period 2014-19 at the time of final true-up in 2019-20. In case of initial tariff filing the latest available Cost Audit Report should be furnished. Cost audit for the FY 2017-18 onward is done and the Cost Audit Report is enclosed herewith for FY 2017-18 & 2018-19 as <b>Annexure T25 (Colly)</b>	✓
9	Any other relevant information (Please specify)	Nil
10	Reconciliation with Balance sheet of any actual additional capitalization and amongst stages of a generating station	NA



Summary Sheet

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
Region : Northern  
State : Himachal Pradesh  
District : Kinnaur

S.No.	Particulars	Form No.	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Depreciation	3	35,087.12	35,395.42	35,568.93	35,662.42	35,784.90	35,840.00
2	Interest on Loan	13A	48,191.37	46,994.53	38,969.84	31,015.07	25,640.83	20,850.04
3	Return on Equity	1	43,701.36	42,789.94	43,207.74	43,321.30	43,470.08	52,640.00
4	Interest on Working Capital	13B	3,259.62	3,756.91	3,647.40	3,531.29	3,480.19	3,653.02
5	O & M Expenses	13B	15,087.19	15,848.82	16,963.72	18,090.14	19,291.32	20,572.26
Total (Annual Fixed Cost)			1,45,326.67	1,44,785.63	1,38,357.64	1,31,620.22	1,27,667.32	1,33,555.32

(Rs. in lacs)

Form-1(I) - Statement showing claimed capital cost:

S.No.	Particulars	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Opening Capital Cost as on April 01st	6,74,685.38	6,79,891.61	6,86,587.93	6,86,590.16	6,90,197.10	6,91,318.52
2	Add: Addition during the year	492.47	777.86	-	-	-	-
3	Less: Decapitalisation during the year	-	-	-	-	-	-
4	Less: Reversal during the year	-	-	-	-	-	-
5	Add: Discharges during the year	4,713.76	5,918.46	2.23	3,606.94	1,121.42	1,005.76
6	Closing Capital Cost as on March 31st	6,79,891.61	6,86,587.93	6,86,590.16	6,90,197.10	6,91,318.52	6,92,324.28
7	Average Capital Cost ((Opening + Closing)/2)	6,77,288.50	6,83,239.77	6,86,589.05	6,88,393.63	6,90,757.81	6,91,821.40

(Rs. in lacs)

Form-1(II) - Statement showing Return on Equity:

S.No.	Particulars	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Opening Equity as on April 01st	2,02,405.61	2,03,967.48	2,05,976.38	2,05,977.05	2,07,059.13	2,07,395.56
2	Add: Increase due to addition during the year	147.74	233.36	-	-	-	-
3	Less: Decrease due to de-capitalisation during the year	-	-	-	-	-	-
4	Less: Decrease due to reversal during the year	-	-	-	-	-	-
5	Add: Increase due to discharges during the year	1,414.13	1,775.54	0.67	1,082.08	336.43	301.73
6	Closing Equity as on March 31st	2,03,967.48	2,05,976.38	2,05,977.05	2,07,059.13	2,07,395.56	2,07,697.28
7	Average Equity ((Opening + Closing)/2)	2,03,186.55	2,04,971.93	2,05,976.71	2,06,518.09	2,07,227.34	2,07,546.42
8	Rate of ROE (Pre-tax)	21.508%	20.876%	20.977%	20.977%	20.977%	25.363%
9	Return on Equity forming part of annual fixed cost	43,701.36	42,789.94	43,207.74	43,321.30	43,470.08	52,640.00

(Rs. in lacs)

Statement of Capacity Charges and Energy Charges

S.No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	Annual Fixed Cost (AFC) (Rs. in Lacs)	1,44,785.63	1,38,357.64	1,31,620.22	1,27,667.32	1,33,555.32
2	Capacity Charges (50% of AFC) (Rs. in Lacs)	72,392.81	69,178.82	65,810.11	63,833.66	66,777.66
3	Energy Charges (50% of AFC) (Rs. in Lacs)	72,392.81	69,178.82	65,810.11	63,833.66	66,777.66
4	Salable Design Energy as per Enclosure 1 to Form 1 (MUs)	3591.71	3591.71	3591.71	3591.71	3591.71
5	Energy Charge Rate (Rs./KWh) (Rs.)	2.016	1.926	1.832	1.777	1.859



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Computation of Saleable Design Energy

S.No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
1	Design Energy	4131.06	4131.06	4131.06	4131.06	4131.06
2	Less: Auxiliary Consumption (1.2%)	49.57	49.57	49.57	49.57	49.57
3	Net Design Energy (1 - 2)	4081.49	4081.49	4081.49	4081.49	4081.49
4	Less: Free Power to GoHP (12%)	489.78	489.78	489.78	489.78	489.78
5	<b>Saleable Design Energy</b>	<b>3591.71</b>	<b>3591.71</b>	<b>3591.71</b>	<b>3591.71</b>	<b>3591.71</b>

(In million units)



PETITIONER

**Details of COD, Type of Hydro Station, Normative Annual Plant Availability Factor (NAPAF) & Other normative parameters considered for tariff calculation**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

S.No.	Description	As existing 2013-14	Year Ending March					
			2014-15	2015-16	2016-17	2017-18	2018-19	
1	2	3	4	5	6	7	8	
1	Installed Capacity	MW	1000	1000	1000	1000	1000	
2	Free Power to home state		12%	12%	12%	12%	12%	
3	Date of commercial operation							
	Unit - I (Actual)	26.05.2011						
	Unit - II (Actual)	23.06.2011						
	Unit - III (Actual)	08.09.2011						
	Unit - IV (Actual)	13.09.2011						
4	Type of Station							
	a) Surface / underground	Underground						
	b) Purely ROR / Pondage / Storage	Pondage						
	c) Peaking / non-peaking	Peaking						
	d) No. of hours of peaking	3 Hrs						
	e) Overload capacity (MW) & period	100 MW						
5	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation	Static						
6	Design Energy (Annual)	Gwh	4131.06	4131.06	4131.06	4131.06	4131.06	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%	90%	90%	90%	90%	90%	
9.1	Maintenance Spares for WC	% of O&M	15%	15%	15%	15%	15%	
9.2	Receivable for WC	in Months	2	2	2	2	2	
9.3	Base Rate of Return on Equity	%	16.50%	16.50%	16.50%	16.50%	16.50%	
9.4	Tax Rate	%	20.961%	21.342%	21.342%	21.342%	21.342%	
9.5	Effective Tax Rate	%	20.961%	21.342%	21.342%	21.342%	21.342%	
9.6	SBI Base Rate as on 01.04.2014	%	10.00%	10.00%	10.00%	10.00%	10.00%	
	SBI Base Rate + 350 basis points	%	13.50%	13.50%	13.50%	13.50%	13.50%	

Note:

1. Refer Enclosure - 1 to Form 2 for Design Energy including for month wise 10-day Design Energy.
2. MAT Rate has been applicable to the generating station is considered for grossing up the ROE till FY 2017-18. For FY 2018-19 normal tax rate is applicable to the generating station and therefore considered above accordingly.



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

**Design Energy Generation (1000 MW)**  
(Corresponding to 90% Dependable Year 1997-1998 as per New Flow series)

Month	Period	No of Days	10- Daily Discharge (cumec)	Release for aquatic life (cumec)	Available Discharge (cumec)	Power (MW)	Energy (GWh) (million units)	Energy on Monthly Basis (GWh) (million units)
JUN	I.	10	272.20	7.38	264.82	659.49	158.28	614.28
	II.	10	396.20	7.38	388.82	950.00	228.00	
	III.	10	565.00	7.38	557.62	950.00	228.00	
JUL	I.	10	557.10	7.38	549.72	950.00	228.00	706.80
	II.	10	690.50	7.38	683.12	950.00	228.00	
	III.	11	712.80	7.38	705.42	950.00	250.80	
AUG	I.	10	684.80	7.38	677.42	950.00	228.00	706.80
	II.	10	703.90	7.38	696.52	950.00	228.00	
	III.	11	518.20	7.38	510.82	950.00	250.80	
SEP	I.	10	348.20	7.38	340.82	848.75	203.70	479.07
	II.	10	295.40	7.38	288.02	717.26	172.14	
	III.	10	180.10	7.38	172.72	430.13	103.23	
OCT	I.	10	116.30	7.38	108.92	271.25	65.10	150.37
	II.	10	83.60	7.38	76.22	189.81	45.55	
	III.	11	67.80	7.38	60.42	150.47	39.72	
NOV	I.	10	63.70	7.38	56.32	140.26	33.66	131.58
	II.	10	71.40	7.38	64.02	159.43	38.26	
	III.	10	107.20	7.38	99.82	248.58	59.66	
DEC	I.	10	98.70	7.38	91.32	227.42	54.58	157.63
	II.	10	93.10	7.38	85.72	213.47	51.23	
	III.	11	86.20	7.38	78.82	196.29	51.82	
JAN	I.	10	80.50	7.38	73.12	182.09	43.70	126.79
	II.	10	76.10	7.38	68.72	171.14	41.07	
	III.	11	71.30	7.38	63.92	159.18	42.02	
FEB	I.	10	70.10	7.38	62.72	156.19	37.49	103.95
	II.	10	68.80	7.38	61.42	152.96	36.71	
	III.	8	69.60	7.38	62.22	154.95	29.75	
MAR	I.	10	74.20	7.38	66.82	166.40	39.94	138.27
	II.	10	83.10	7.38	75.72	188.57	45.26	
	III.	11	88.10	7.38	80.72	201.02	53.07	
APR	I.	10	104.10	7.38	96.72	240.86	57.81	237.62
	II.	10	111.90	7.38	104.52	260.29	62.47	
	III.	10	203.70	7.38	196.32	488.90	117.34	
MAY	I.	10	274.60	7.38	267.22	665.46	159.74	577.90
	II.	10	287.30	7.38	279.92	697.09	167.33	
	III.	11	655.30	7.38	647.92	950.00	250.83	
<b>TOTAL ENERGY</b>								<b>4131.06</b>

The 90% dependable year 1997-98 is as approved by CEA, Petitioner has requested CEA to reconsider the same as 2000-01. In case of any change by CEA, the same shall be submitted to the Hon'ble Commission for its kind approval.





**Salient Features of Hydroelectric Project**

**Name of the Petitioner : JSW Hydro Energy Limited**  
**Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant**

1	<b>Location</b> State / Distt. River	Himachal Pradesh, Kinnaur Distt. Satluj
2	<b>Diversion Tunnel</b> Size, Shape Length (M)	10.15 m / 10.95 m / 8.5 m dia. Circular 540.59 m (including inlet and outlet cut and cover structures)
3	<b>Dam</b> Type Maximum dam height (M)	Concrete Gravity 88 m
4	<b>Spillway</b> Type Crest level of Spillway (M)	Sluice Spillway with 4 bays each, 10 m (W) x 10.5 m (H) 1778.00 m
5	<b>Reservoir</b> Full Reservoir Level (FRL) (M) Minimum Draw Down Level (MDDL) (M) Live Storage (MCM)	El. 1810 m El. 1799 m 544.97 Ha m
6	<b>Desilting Chamber</b> Type Number and Size	Underground Four Sedimentation Chambers each, 18 m (W) x 30.25 m (H) x 494 m long including U/s and D/s Transitions + 0.2 mm and above
7	<b>Head Race Tunnel</b> Size and type Length (M) Design Discharge (cumecs)	10.48 m dia circular 16925 m 421 (for 1000 MW IC)
8	<b>Surge Shaft</b> Type Diameter (M) Height (M)	Restricted orifice 27 m / 16 m 148.5 m
9	<b>Penstock / Pressure Shafts</b> Type Diameter & Length (M)	Steel lined pressure shafts 5.0 m dia, PS I & IV - 347.396 m each PS - II & PS III - 328.666 m each
10	<b>Power House</b> Installed capacity (No of units x MW) Type of turbine Rated Head (M) Rated Discharge (Cumecs) Head at Full Reservoir Level (M) Head at Minimum Draw Down Level (M) MW Capability at FRL MW Capability at MDDL	4 x 250 MW Francis (vertical) 269 m 421 cumecs (for 1000 MW IC) 296.33 m (Gross) 285.33 m (Gross) 1000 MW 1000 MW
11	<b>Tail Race Tunnel</b> Diameter (M), Shape Length (M) Minimum Tail Water level (M)	10.48 m dia circular 1283 m El. 1505.98 m (1 unit at 50% loading, 65 cumecs).
12	<b>Switchyard</b> Type of Switch Gear No. of Generator bays No. of Bus coupler bays No. of line bays	Indoor G.I.S. 4 bays 1 bays 6 bays



PETITIONER





PETITIONER



<sup>1</sup>Name of the currency to be mentioned e.g. US \$, DM, etc. etc.  
<sup>2</sup>In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.

S.No.	Financial Year	NOT APPLICABLE												
		Year 1			Year 2			Year 3 and so on						
1	2	3	4	5	6	7	8	9	10	11	12	13		
	Currency <sup>1</sup>													
	A.1 At the date of infusion <sup>2</sup>													
	2													
	3													
	4													
	B Currency <sup>2</sup>													
	1													
	2													
	3													
	Currency <sup>3</sup>													
	A.1 At the date of infusion <sup>2</sup>													
	2													
	3													
	4													
	B Currency <sup>4</sup> & so on													
	1 At the date of infusion <sup>2</sup>													
	2													
	3													

(Rs. in lacs)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 Exchange Rate on date/s of infusion :

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

Details of Foreign Equity

Abstract of Admitted Capital Cost for the existing Projects

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Capital cost as admitted by CERC					Rs. Crore
<b>Capital cost admitted for tariff, as on:</b>	31/03/2015	31/03/2016	31/03/2017	31/03/2018	31/03/2019
(Give reference of the relevant CERC Order with Petition No. & Date)	Tariff order dated 30.3.2017 in petition no. 434/GT/2014				
Foreign Component, if any (In Million US \$ or the relevant Currency)					
Domestic Component (Rs. Cr.)	6,447.41	6,490.74	6,516.59	6,516.59	6,516.59
Foreign Exchange rate considered for the admitted cost					
Hedging Cost, if any, considered for the admitted capital cost					
<b>Total Capital cost admitted (Rs. Cr)</b>	<b>6,447.41</b>	<b>6,490.74</b>	<b>6,516.59</b>	<b>6,516.59</b>	<b>6,516.59</b>



PETITIONER

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

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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

Board of Director/ Agency approving the project cost estimates:	Original Cost Estimates - By Central Electricity Authority (CEA) Revised Cost Estimates - By Energy Infratech Pvt. Ltd. (Designated Independent Agency)
Date of approval of the Capital cost estimates:	Original Cost Estimates by CEA (March 2003) Revised Cost Estimates by Energy Infratech Pvt. Ltd. (August 2012)
Price level of approved estimates	<b>Present Day Cost</b> Completed Cost Based on actual completion period
Foreign Exchange rate considered for the capital cost estimates	1 US \$ = Rs. 45.82 (Actual Average)
<b>Capital Cost excluding IDC, IEDC &amp; FC</b>	
Foreign Component, if any (In Million US \$ or the relevant Currency)	US \$ 185.45
Domestic Component (Rs. Lakh)	4,66,268.00
<b>Capital Cost excluding IDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>	5,51,239.00
<b>IDC, IEDC, FC, FERV &amp; Hedging Cost</b>	
Foreign Component, if any (In Million US \$ or the relevant Currency)	-
Domestic Component (Rs. Lakh)	1,39,515.00
<b>Total IDC, IEDC, FC, FERV &amp; Hedging Cost (Rs. Lakh)</b>	1,39,515.00
Rate of taxes & duties considered	As per actual
<b>Capital cost Including IDC, IEDC FC, FERV &amp; Hedging Cost</b>	
Foreign Component, if any (In Million US \$ or the relevant Currency)	US \$ 185.45
Domestic Component (Rs. Lakh)	6,05,783.00
<b>Capital cost Including IDC, IEDC &amp; FC (Rs. Lakh)</b>	6,90,754.00
Revenue from sale of Infirm Power	754.00
<b>Capital cost Including IDC &amp; FC after deducting Revenue from sale of Infirm Power (Rs. Lakh)</b>	6,90,000.00
<b>Schedule of Commissioning (Actual)</b>	
COD of Unit-I	26.05.2011
COD of Unit-II	23.06.2011
COD of Unit-III	08.09.2011
COD of Unit-IV	13.09.2011

Note:

- 1) Copy of Techno-Economic Clearance dated 31.03.2003 by CEA was attached as Annexure P5 to petition no. 434/GT/2014
- 2) Report of Energy Infratech Pvt. Ltd. (Designated Independent Agency) dated August 2012 was attached as Document 9 to petition no. 434/GT/2014



PETITIONER

Break up of Capital Cost for New Hydro Power Generating Station

Name of the Petitioner : JSW Hydro Energy Limited

Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

(Rs. in crore)

S.No.	Head of works	Original Cost as approved by Authority (TEC by CEA)	Revised Capital Cost as vetted by Designated Independent Agency	Actual Capital Expenditure as on COD (13.09.2011)	Liabilities / Provisions	Variation	Reasons for variation
1		2	4	5	6	7	8
1.0	<b>Infrastructure Works</b>						
1.1	Preliminary including Development	48.75	55.13	Included in "2.0" & "3.0"			
1.2A	Land - Free Hold	25.18	55.35			24.88	
1.2B	Land - Free Hold					12.79	
1.3	Buildings	53.06	57.82			23.30	
1.4	Township	-	Included in "1.3"				
1.5	Maintenance	26.94	30.46	Included in "2.0" & "3.0"			
1.6	Tools & Plants	2.45	2.77	Included in "2.0" & "3.0"			
1.7	Communication	72.91	82.45	Included in "2.0" & "3.0"			
1.8	Environment & Ecology	63.59	150.64			158.21	
1.9	Losses on stock	6.67	7.54	Included in "2.0" & "3.0"			
1.10	Receipt & Recoveries on Capital Cost	(8.63)	(9.76)	Included in "2.0" & "3.0"			
1.11	Plantation	2.47	2.79	Included in "2.0" & "3.0"			
1.12	Miscellaneous	101.30	114.55	Included in "2.0" & "3.0"			
1.13	Local Area Development Activities (LADA)	-	103.50			103.50	
1.14	<b>Total (Infrastructure works)</b>	<b>394.69</b>	<b>653.24</b>			<b>322.68</b>	
2.0	<b>Major Civil Works</b>						
2.1	River Diversion Works, Dam, Intake & Desilting Chambers & Flushing Conduits	985.59	1,313.27			1,564.21	
2.2	HRT, Surge Shaft & Pressure shafts	1,277.67	1,444.78			1,792.98	
2.3	Power Plant civil works	150.43	170.10			212.53	
2.4	Other civil works (Downstream Surge Chamber, Tail Race Tunnel & Outlet Works, Pot Head Yard)	119.77	135.43			167.87	





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S.No.	Head of works	Original Cost as approved by Authority (TEC by CEA)	Revised Capital Cost as vetted by Designated Independent Agency	Actual Capital Expenditure as on COD (13.09.2011)	Liabilities / Provisions	Variation	Reasons for variation
		3	4	5	6	7	8
2.4.1	Other civil works (Toe Walls, Retaining Walls and other Protections Works at dumping sites, Environment Works)	-	10.80	10.80			
2.4.2	Relocation of Pot Head Yard	-	42.29	42.29			
2.4.3	For increased environmental releases	-	1.00	1.00			
2.4.4	Hoisting Individual Mechanism on draft tube gates	-	9.44	9.44			
2.5	Total (Major Civil Works)	2,533.46	3,127.11	3,801.12			
3.0	Hydro Mechanical equipment	195.63	221.11	327.59			
4.0	Plant & Equipment (E&M)	653.57	949.58	1,330.87			
4.1	Initial spares of Plant & Equipment	25.63	116.77	206.63			
4.2	Total (Plant & Equipment)	679.20	1,066.35	1,537.50			
5.0	Taxes and Duties						
5.1	Custom Duty	136.05	183.51	Included in "4.2"			
5.2	Excise Duty & CST	20.82	32.17	Included in "4.2"			
5.3	Adjustment in Custom, Excise and CST	-	(25.77)	Included in "4.2"			
5.4	Service Tax	-	71.83	Please See Note 5			
5.5	Building & Other Construction Workers Cess	-	22.32	Please See Note 6			
5.6	Entry Tax	-	32.80	Please See Note 7			
5.7	Taxes & Duties - Liabilities	-	10.76	Please See Note 8			
5.8	Total Taxes & Duties	156.87	327.62	-			
6.0	Construction & Pre-commissioning expenses						
6.1	Erection, testing & commissioning	70.57	95.92	Included in "4.2"			
6.2	Construction Insurance	15.00	79.65	65.00			
6.3	Site supervision	-	Included in "7.1"	Included in "7.1"			
6.4	Freight & Insurance	46.54	67.56	Included in "4.2"			
6.5	Bonus for early commissioning	-	13.41	Included in "11.0"			
6.6	Total (Const. & Pre-commissioning)	132.11	256.54	65.00			
7.0	Overheads						
7.1	Establishment	352.98	372.02	95.17			
7.2	Design & Engineering	Included in "7.1"	Included in "7.1"	Included in "7.1"			
7.3	Audit & Accounts	40.19	48.61	Included in "11.0"			
7.4	T&P	40.19	48.61	Included in "11.0"			



1 Variation in cost over the cost approved by CEA duly explained in the report dated August 2012 by Energy Infratech Pvt. Ltd. (Designated Independent Agency);

2 The Reconciliation between Actual Expenditure incurred as on COD at Column 5 and Revised Cost at Column 4 vetted by Designated Independent Agency is shown in Note 11.

3 The capital expenditure as shown in column no. 5 above includes liabilities/provisions as on COD (13.09.2011) which are separately shown in Form 9A / 9E

4 Apart from the liabilities/provisions included in the above capital expenditure shown in column no. 5, the company also has a additional liability of Rs. 3.25 Crore in respect of additional capitalisation which is separately shown in Form 9F. Therefore, total capital expenditure will be capital expenditure incurred as on COD of the station as shown in column no. 5 plus Rs. 3.25 Crore plus liabilities to be paid as per note 4 to 8.

5 An amount of Rs. 30.64 Crore has been paid towards Service Tax and included in SI No. 2.5 & 4.2. Subsequently, an amount Rs. 0.21 Crore has been capitalized towards Service Tax in FY13-14 and therefore, considered as Additional capitalization in Form 9A. The balance amount of Rs. 40.98 Crore towards Service Tax may require to be paid. The same shall be included in actual expenditure as and when paid. (i.e. Rs. 41.19 Crore not included in above shown cost of Rs. 6816.40 Crore)

Notes:

S.No.	Head of works	Original Cost as approved by Authority (TEC by CEA)	Revised Capital Cost as vetted by Designated Independent Agency	Actual Capital Expenditure as on COD (13.09.2011)	Liabilities / Provisions	Variation	Reasons for Variation
1		2	4	5	6	7	8
7.5	Contingency	29.58	40.48	Included in "4.2"			
7.6	Rehabilitation & Resettlement	0.00	Included in "1.2"	0.43			
7.7	Capitalized value of abatement of land revenue	0.34	Included in "1.2"	Included in "1.2"			
7.8	Miscellaneous Assets	-	-	3.03			
7.9	Total (Overheads)	463.28	509.72	98.63			
8.0	Capital Cost without IDC & FC, FERV & Hedging Cost	4,359.60	5,940.58	5,824.93			
9.0	IDC, FC, FERV & Hedging Cost						
9.1	Interest During Construction (IDC)	1,456.50	935.58	984.19			
9.2	Financing charges (FC)	93.49	71.83	70.98			
9.3	Foreign Exchange Rate Variation (FERV)	-	(40.45)	Included in "4.2"			
9.4	Hedging Cost	-	-	-			
9.5	Total of IDC, FERV & Hedging Cost	1,549.99	966.96	1,055.17			
10.0	Reduction in Cost on account of revenue from infirm power	-	(7.54)	(63.44)			
11.0	Capital Cost including IDC, FC, FERV & Hedging Cost	5,909.59	6,900.00	6,816.66			Please see note 4 to 10





Particulars	Rs. / Crore
Actual Capital Expenditure upto COD of Station (As per column no. 5)	6,816.66
Additional Capitalisation (As per note 4)	3.25
Balance amount towards service tax (As per note 5)	41.19
Amount towards Entry Tax (As per note 7)	32.80
Balance amount towards Tax & Liabilities (As per note 8)	10.76
Amount towards Preliminary Expenses (As per note 9)	2.01
Amount towards Income Tax (As per note 10)	3.17
Amount of Other Fixed Assets after COD upto Cut Off Date	3.00
<b>Total</b>	<b>6,912.84</b>
Revised Capital Cost Estimates (As per Column 4)	6,900.00
<b>Variation</b>	<b>12.84</b>

S.No.	Head of works	Original Cost as approved by Authority (TEC by CEA)	Revised Capital Cost as vetted by Designated Independent Agency	Actual Capital Expenditure as on COD (13.09.2011)	Liabilities / Provisions	Variation	Reasons for variation
1	2	3	4	5	6	7	8
6	An amount of Rs. 22.32 Crore has been paid towards Building & Other Construction Workers Cess and included in SI No. 2.5 .						
7	An amount of Rs. 16.13 Crore has been paid towards Entry Tax upto COD but not included in actual cash expenditure upto COD. Subsequently an amount of Rs. 1.74 Crore has also been paid which has also not been included in actual cash expenditure upto COD. The paid amount is considered as Cash Out Flow in Form 9A. Further, an amount of Rs. 7.15 Crore has been capitalized towards Entry Tax in FY13-14 and therefore, considered as Additional capitalization in Form 9A. Balance amount Rs. 7.78 Crore may require to be paid. The same shall be included in actual expenditure as and when paid. (i.e. Rs. 32.80 Crore not included in above shown cost of Rs. 6816.40 Crore)						
8	An amount of Rs. 10.45 Crore has been booked towards Tax & Liabilities in FY13-14 and therefore, considered as Additional capitalization in Form 9A. Balance amount of 0.31 Crore may require to be paid. The same shall be included in actual expenditure as and when paid. (i.e. Rs. 10.76 Crore not included in above shown cost of Rs. 6816.40 Crore)						
9	The Company has incurred an amount of Rs. 2.01 Crore towards Preliminary Expenses which are not included in the capitalisation as per Accounting Practices. However, the same has been considered in Cash Out Flow in Form 9E.						
10	The Company has also paid an amount of Rs. 3.17 Crore towards Income Tax on the amount of interest income. The IDC has been reduced by the said interest income. However, the same has been considered in Cash Out Flow in Form 9E.						
11	Reconciliation between Actual Expenditure incurred as on COD at Column 5 and Revised Cost at Column 4 vetted by Designated Independent Agency						

PETITIONER



Break Up Of Capital Cost For Plant & Equipment

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wanguo Hydro-Electric Plant

Sl. No.	Head of Works	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1.0	Generator, Turbine & Accessories								
1.1	Generator package		381.552	558.288	772.46				
1.2	Turbine package		included in "1.1"	included in "1.1"	included in "1.1"				
1.3	Unit Control Board		included in "1.1"	included in "1.1"	included in "1.1"				
1.4	C&I package		4.42	6.48	19.01				
1.5	Bus duct of GT connection		13.29	17.95	24.45				
1.6	TOTAL (Generator, Turbine & Accessories)		399.25	582.72	815.92				
2.0	Auxiliary Electrical Equipment								
2.1	Step up Transformers		28.38	38.35	54.61				
2.2	Unit Aux. Transformers, Local Supply Transformers, Station Transformers, DG Sets		1.70	2.29	5.58				
2.3	SCADA		16.80	24.58	29.19				
2.4	Switchgear (AC Supply System)		3.02	4.07	2.26				
2.5	Telecomm. Equipment		1.49	2.01	11.33				
2.6	Illumination of Dam, PH & Switchyard		2.92	3.95	9.23				
2.7	Cable & cable facilities		5.87	7.93	11.19				
2.8	Ground mat & Earthing		2.34	3.16	3.77				
2.9	DC Batteries, DB etc.		2.34	3.16	3.75				
2.10	TOTAL (Aux. Electrical Equipment)		64.84	89.50	130.91				
3.0	Auxiliary Equipment & Services for PH								
3.1	EOT Crane, Other Cranes and Plant Handling Equipments		10.71	14.47	15.72				
3.2	Electric Lifts & elevators		0.82	1.11	2.66				
3.3	Cooling water system and Water Supply System		4.79	6.99	17.18				
3.4	D&D system		3.02	4.42	16.30				
3.5	Flood Pumps (additional)		0.00	5.85	8.75				
3.6	Fire fighting equip.		2.93	3.96	7.44				
3.7	Air-cond. Heating & Ventilation		2.93	3.96	7.16				
3.8	Oil handling equip.		1.11	1.50	3.12				

(Rs. in crore)



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PETITIONER



1. Variation in cost over the cost approved by CEA duly explained in the report dated August 2012 by Energy Infratech Pvt. Ltd. (Designated Independent Agency).

Notes:

Sl. No.	Head of Works	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
3.9	Workshop machines & equip.		2.35	3.17					
3.10	Compressed Air System		0.59	0.79					
3.11	TOTAL (Aux. Equip. & Services for PS)		29.26	46.23		86.16			
4.0	Switchyard Package		143.85	209.01		297.88			
5.0	Initial Spares for all above Equipment								
5.1	Normal Spares		25.63	37.16		116.64			
5.2	Additional Spares (Runners)		-	79.61		89.99			
5.3	Total Cost of Spares		25.63	116.77		206.63			
6.0	TOTAL Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging cost		662.83	1044.23		1537.50			
7.0	Freight & Insurance		46.54	67.56		included in "6.0"			
8.0	Erection & Commissioning		70.57	95.92		included in "6.0"			
9.0	Taxes & Duties								
9.1	Custom Duty		136.05	183.51		included in "6.0"			
9.2	Excise Duty & CST		20.82	32.17		included in "6.0"			
9.3	Total Taxes & Duties		156.87	215.69		included in "6.0"			
10.0	Over Heads								
10.1	Establishment		61.82	69.03		included in "6.0"			
10.2	T&P, Audit & Account		21.64	35.53		included in "6.0"			
10.3	Preliminary Expenses		16.37	22.12		included in "6.0"			
10.4	Contingencies		29.58	40.48		included in "6.0"			
10.5	TOTAL Over Heads		129.41	167.16		included in "6.0"			
11.0	TOTAL Cost (Plant & Equipment) including Taxes & Duties, Overhead etc. excluding IDC, FC, FERV & Hedging cost		1066.21	1590.55		1537.50			
12.0	IDC, FC & FERV & Hedging cost								
12.1	Interest during Construction (IDC)		included in "Form-5B"	included in "Form-5B"		included in "Form-5B"			
12.2	Financing Charges (FC)		included in "Form-5B"	included in "Form-5B"		included in "Form-5B"			
12.3	Foreign Exchange Rate Variation (FERV)		-	(40.45)		included in "6.0"			
12.4	Hedging cost		-	-					
12.5	TOTAL of IDC, FC & FERV & Hedging cost		-	(40.45)		included in "6.0"			
13.0	TOTAL COST		1066.21	1550.10		1537.50			

Please see note 11 of Form 5B to 10 of Form 5B  
Please see note 4

Break up of Construction / Supply / Service Packages

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

1	Name / No. of Construction / Supply / Service Package	Contract No. JKHCL/1/2003	Total Cost of all packages
2	Scope of Works (in line with head of cost break-ups as applicable) Engineering, Procurement & Construction of Civil, Hydro-Mechanical and Electro-Mechanical Works		
3	Whether awarded through ICB / DCB/ Departmentally / Deposit work Awarded to M/s. Jaiprakash Industries Limited (JIL) on TEC approved cost basis		
4	No. of bids received	N A	
5	Date of award	09.07.2003	
6	Date of start of work	18.11.2005	
7	Date of Completion of work	30.09.2011	
8	Value of Award in (Rs. Lakh)	Rs. 3,61,590 Lakh + US \$ 1174.4 Lakh	Rs. 3,61,590 Lakh + US \$ 1174.4 Lakh
9	Firm or with Escalation in prices	With Escalation in Prices	
10	Actual expenditure till the completion or upto COD whichever is earlier (Rs. Lakh)	As on 30.09.2011 Rs. 4,26,300 Lakh + US\$ 1839 Lakh	As on 30.09.2011 Rs. 4,26,300 Lakh + US\$ 1839 Lakh
11	Taxes & Duties and IEDC (Rs. Lakh)	Please refer Form 5B	
12	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Please refer Form 5B	
13	Sub-Total (Rs. Lakh)	As on 30.09.2011 Rs. 4,26,300 Lakh + US\$ 1839 Lakh	As on 30.09.2011 Rs. 4,26,300 Lakh + US\$ 1839 Lakh



PETITIONER

In case there is cost over run

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Sl. No.	Break Down	Original Cost (Rs.Lakh) as approved by the Board of Members	Actual/Estimated Cost as incurred/to be incurred (Rs. Lakh)	Difference	Reasons for Variation (Please submit supporting computations and documents wherever applicable)	Increase in soft cost due to increase in hard cost
<b>1</b>	<b>Cost of Land &amp; Site Development</b>					
1.1	Land*					
1.2	Rehabilitation & (R&R)					
1.3	Preliminary investigation & site Development					
<b>2</b>	<b>Plant &amp; Equipment</b>					
2.1	Steam Generator Island					
2.2	Turbine Generator Island					
2.3	BOP Mechanical					
2.3.1	Fuel Handling & Storage system					
2.3.2	External water supply system					
2.3.3	DM water Plant					
2.3.4	Clarification plant					
2.3.5	Chlorination Plant					
2.3.6	Fuel Handling & Storage system					
2.3.7	Ash Handling System					
2.3.8	Coal Handling Plant					
2.3.9	Rolling Stock and Locomotives					
2.3.10	MGR					
2.3.11	Air Compressor System					
2.3.12	Air Condition & Ventilation System					
2.3.13	Fire fighting System					
2.3.14	HP/LP Piping					
	<b>Total BOP Mechanical</b>					
<b>2.4</b>	<b>BOP Electrical</b>					
2.4.1	Switch Yard Package					
2.4.2	Transformers Package					
2.4.3	Switch gear Package					
2.4.4	Cables, Cable facilities & grounding					
2.4.5	Lighting					
2.4.6	Emergency D.C. cat					
	<b>Total BOP Electrical</b>					
2.5	<b>Control &amp; Instrumentation (C &amp; I) Package</b>					
	<b>Total Plant &amp; Equipment excluding taxes &amp; Duties</b>					

**Details regarding revision of Cost is as per "Report on Vetting of Capital Cost of Karcham Wangtoo Hydro Electric Project dated August 2012" by Energy Infratech Pvt. Ltd, the Designated Independent Agency (DIA) already submitted as Annexure 16 in MYT petition 434/GT/2014**



Sl. No.

Break Down

Original Cost  
(Rs.Lakh) as  
approved by  
the Board of  
MembersActual/Estimat  
ed Cost as  
incurred/to be  
incurred (Rs.  
Lakh)

Difference

Reasons for  
Variation (Please  
submit  
supporting  
computations  
and documents  
wherever  
applicable)Increase in  
soft cost due  
to  
increase in  
hard cost

	Total Cost	Total Cost	Total Cost
3			
<b>Initial Spares</b>			
4			
<b>Civil Works</b>			
4.1			
Main plant/Adm. Building			
4.2			
CW system			
4.3			
Cooling Towers			
4.4			
DM water Plant			
4.5			
Clarification plant			
4.6			
Chlorination plant			
4.7			
Fuel handling & Storage system			
4.8			
Coal Handling Plant			
4.9			
MGR & Marshalling Yard			
4.10			
Ash Handling System			
4.11			
Ash disposal area development			
4.12			
Fire fighting System			
4.13			
Township & Colony			
4.14			
Terrap. construction & enabling works			
4.15			
Road & Drainage			
<b>Total Civil works</b>			
5			
<b>Construction &amp; PreCommissioning Expenses</b>			
5.1			
Erectory Testing and Site commissioning			
5.2			
Operator's Training			
5.3			
Construction Insurance			
5.4			
Tools & Plant			
5.5			
Start up fuel			
5.6			
<b>Total Construction &amp; PreCommissioning Expenses</b>			
6			
<b>Overheads</b>			
6.1			
Establishment			
6.2			
Design & Engineering			
6.3			
Audit & Accounts			
6.4			
Contingency			
<b>Total Overheads</b>			
7			
Capital cost excluding IDC & FC			
8			
IDC, FC, FERV & Hedging Cost			
8.1			
Interest During Construction (IDC)			
8.2			
Financing Charges (FC)			
8.3			
Foreign Exchange Rate Variation (FERV)			
8.4			
Hedging Cost			
Total of IDC, FC, FERV & Hedging Cost			
<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>			

**Details regarding revision of Cost is as per  
"Report on Vetting of Capital Cost of Karcham  
Wangtoo Hydro Electric Project dated August  
2012" by Energy Infratech Pvt. Ltd, the  
Designated Independent Agency (DIA) already  
submitted as Annexure 16 in MYT petition  
434/GT/2014**

Note: Impact on account of each reason for Cost overrun should be quantified and substantiated with necessary documents and supporting workings



PETITIONER

In case there is time over run

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

S. No	Description of Activity/Works/Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Reasons for delay	Other Activity effected (Mention Sr No of activity affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date		
1							
2							
3							
4							
5							
6							
7							
8							
9							

It is respectfully submitted that though start date in the Techno Economic Clearance dated 31.03.2003 granted by Central Electricity Authority was 01.01.2004 and the scheduled Commercial Operation Date of the Project was 31.12.2009, but Petitioner could not start the Project work due to non-issuance of Environmental & Forest Clearance by the Ministry of Environment & Forest, which was issued on 09.11.2005 and 17.11.2005 respectively. Accordingly, the actual Project start date was 18.11.2005. Based on the start date of 18.11.2005, a Second Supplementary Agreement to the Implementation Agreement was executed between the Petitioner and the Govt. of Himachal Pradesh on 20.12.2007 amending the definition of Scheduled Commercial Operation Date of the Karcham Wangtoo HEP to 18.11.2011. A copy of the said Second Supplementary Agreement was already annexed in the Petition no. 434/GT/2014 as Annexure-P12.

Further, it is respectfully submitted that Power Purchase Agreement executed with PTC India Limited also recognized Commercial Operation Date as 18.11.2011. Karcham Wangtoo HEP achieved Commercial Operation Date on 13.09.2011, which is about two months ahead of schedule.

1. Delay on account of each reason in case of time overrun should be quantified and substantiated with necessary documents and supporting workings.

2. Indicates the activities on critical path.



PETITIONER

In case there is claim of additional ROE

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Project	Start Date	Scheduled COD (Date)	Months	Installed Capacity	Start Date	Actual COD (Date)	Actual Completion time in Months	Tested Capacity	Months	Completion Time as per Investment approval (Months)		Qualifying time schedule (as per regulation)
										Actual Completion time	Actual Completion time	
Unit 1										NOT APPLICABLE		
Unit 2										NOT APPLICABLE		
Unit 3										NOT APPLICABLE		
Unit 4										NOT APPLICABLE		

Note: Necessary documentary evidence in support of actual completion time to be submitted in accordance with Regulation 5(1).

PETITIONER





Financial Package upto COD

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
Project Cost as on COD  
Rs. / lakh 6,81,666.00  
Date of Commercial Operation of the Station  
13.09.2011

(Rs. in lakh)

As Admitted on COD	Financial Package as Approved		Financial Package as on COD		Currency and Amount
	1	2	3	4	
Allahabad Bank					
Indian Bank					
Punjab National Bank					
Union Bank of India					
Bank of India					
Central Bank of India					
IDBI Bank					
ICICI Bank					
J & K Bank					
SIDBI					
Rural Electrification Corporation					
IDFC Bank					
Total Loan		Rs.	4,13,671.00	Rs.	4,43,369.19
Equity-					
Foreign					
Domestic		Rs.	1,77,288.00	Rs.	2,01,000.00
Total Equity		Rs.	1,77,288.00	Rs.	2,01,000.00
Debt: Equity Ratio			70:30		69:31
					70:30



PETITIONER

**Details of Project Specific Loans**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

(Rs. in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Package8	Package9	Package10	Package11	Package12
Source of Loan	Allahabad Bank	Indian Bank	Punjab National Bank	Union Bank of India	Bank of India	The Jammu and Kashmir Bank Ltd.	Central Bank of India	I D B I Bank	ICICI Bank Ltd.	SIDBI	Infrastructure Development Finance Company Limited	
Currency	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee
Amount of Loan sanctioned	40,000.00	40,000.00	81,200.00	15,000.00	25,500.00	12,700.00	32,000.00	19,100.00	90,000.00	15,000.00	1,25,000.00	
Amount of Gross Loan drawn as on 28.03.2014*	40,000.00	40,000.00	77,170.22	14,073.00	24,478.00	12,199.00	30,834.32	18,339.00	86,288.57	15,000.00	1,20,872.00	
Interest Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	
Fixed Interest Rate, if applicable (as on 28.03.2014)	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.00%	12.25%	12.00%	12.10%	
Base Rate, if Floating Interest	-	-	-	-	-	-	-	-	-	-	-	
Margin, if Floating Interest	-	-	-	-	-	-	-	-	-	-	-	
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No	No	
If above is yes, specify caps/floor	-	-	-	-	-	-	-	-	-	-	-	
Moratorium Period	The First Repayment Date as per Financing Agreements is the date later of (a) the date six months from COD (b) 15.06.2012. Accordingly, moratorium period is from the date of last disbursement by respective lender upto the First Repayment Date.											
Moratorium effective from	24.03.2011	24.03.2011	28.09.2012	29.06.2012	30.06.2012	26.03.2012	28.09.2012	08.08.2012	31.03.2011	10.02.2012		
Repayment Period*	15 years	15 years	15 years	15 years	15 years	15 years	15 years	15 years	15 years	15 years		
Repayment effective from	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	15.06.2012	
Repayment Frequency	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	
Repayment Installment	Repayment Schedule attached as Enclosure - 1 to Form - 7											
Base Exchange Rate	Not Applicable											
Are foreign currency loan hedged ?	Not Applicable											
If above is yes, specify details												

\* Petitioner had securitised its existing loan from 29.03.2014. The above mentioned loans were fully repaid on 28.03.2014 and new loans were disbursed in the two parts namely Loans A and Loans B, the details of which are being submitted in separate Form 7A & 7B.

Note: 1 Interest rates for disbursement during construction were subject to reset after commissioning of the Karcham Wangtoo HEP.  
Note: 2 Reset Interest Rates after commissioning are further subject to reset on yearly basis.



PETITIONER

Details of Project Specific Loans (Loans A)Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Particulars	1	2	3	4	5	6	7	8	9	10
Package1	Allahabad Bank	Union Bank of India	ICICI Bank Ltd.	Indian Renewable Energy Development Agency Limited (IREDA)	L&T Infrastructure Finance Company Limited	Life Insurance Corporation of India (LIC)	Power Finance Corporation Limited	PTC Financial Services Limited	Infrastructure Development Finance Company Limited	
Currency	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee
Amount of Loan sanctioned	34,666.67	25,000.00	22,938.00	22,938.00	22,900.00	37,500.00	1,15,000.00	15,021.00	1,19,389.90	
Amount of Gross Loan drawn as on 31.03.2014	34,662.42	25,000.00	22,938.00	22,938.00	22,900.00	37,500.00	1,15,000.00	15,021.00	1,19,335.89	
Interest Type*	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable (as on 31.03.2014)	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%
Base Rate, if Floating Interest	-	-	-	-	-	-	-	-	-	-
Margin, if Floating Interest	-	-	-	-	-	-	-	-	-	-
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor	-	-	-	-	-	-	-	-	-	-
Moratorium Period	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017	29.03.2014 to 15.06.2017
Moratorium effective from	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014
Repayment Period	18 years	18 years	18 years	18 years	18 years	18 years	18 years	18 years	18 years	18 years
Repayment effective from	15.06.2017	15.06.2017	15.06.2017	15.06.2017	15.06.2017	15.06.2017	15.06.2017	15.06.2017	15.06.2017	15.06.2017
Repayment Frequency	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly
Repayment Installment	Repayment Schedule attached as Enclosure - 2 to Form - 7									
Base Exchange Rate	Not Applicable									
Are foreign currency loan hedged ?	Not Applicable									
If above is yes, specify details										

\*The Interest rates are subject to reset on yearly basis.  
Petitioner has refinanced its existing loan during Sep-Oct2015. The above mentioned loans were fully repaid on 31.10.15 and new loans were disbursed, the details of which are being submitted in separate Form 7A.

**Details of Project Specific Loans (Loans B)**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

(Rs. in lacs)

Particulars	1	2	3	4	5	6	7	8	9
Source of Loan	ICICI Bank Ltd.	Indian Renewable Energy Development Agency Limited (IREDA)	L&T Infrastructure Finance Company Limited	Life Insurance Corporation of India (LIC)	Power Finance Corporation Limited	PTC Financial Services Limited	Infrastructure Development Finance Company Limited	ICFI	
Currency	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee
Amount of Loan sanctioned	7,062.00	7,062.00	7,100.00	12,500.00	35,000.00	4,979.00	43,997.00	20,000.00	20,000.00
Amount of Gross Loan drawn 31.03.2014	7,062.00	7,062.00	7,100.00	12,500.00	35,000.00	4,979.00	43,997.00	20,000.00	20,000.00
Interest Type*	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
Fixed Interest Rate, if applicable (as on 31.03.2014)	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%	12.75%	13.75%	
Base Rate, if Floating Interest	-	-	-	-	-	-	-	-	-
Margin, if Floating Interest	-	-	-	-	-	-	-	-	-
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor	-	-	-	-	-	-	-	-	-
Moratorium Period	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014	29.03.2014 to 15.06.2014
Moratorium effective from	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014	29.03.2014
Repayment Period	7 years	7 years	7 years	7 years	7 years	7 years	7 years	7 years	7 years
Repayment effective from	15.06.2014	15.06.2014	15.06.2014	15.06.2014	15.06.2014	15.06.2014	15.06.2014	15.06.2014	15.06.2014
Repayment Frequency	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly
Repayment Installment	Repayment Schedule attached as Enclosure - 2 to Form - 7								
Base Exchange Rate	Not Applicable								
Are foreign currency loan hedged ?	Not Applicable								
If above is yes, specify details									

\*Interest Rates are subject to reset on yearly basis.  
Petitioner has refinanced its existing loan during Sep-Oct'2015. The above mentioned loans were fully repaid on 31.10.15 and new loans were disbursed, the details of which are being submitted in separate Form 7C.



PETITIONER

Details of Project Specific Loans (Re-financed - Loans C)

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

(Rs. in lacs)

Particulars	1	2	3	4	5	6	7	8	9	10
Package1	State Bank of India	3,49,700.00	Indian Rupee	39,800.00	Indian Rupee	39,800.00	Indian Rupee	31,700.00	Indian Rupee	State Bank of India (Formerly State Bank of Hyderabad)
Package2	Syndicate Bank	59,700.00	Indian Rupee	39,800.00	Indian Rupee	39,800.00	Indian Rupee	31,700.00	Indian Rupee	State Bank of Hyderabad
Package3	Central Bank of India	37,225.00	Indian Rupee	24,817.00	Indian Rupee	24,817.00	Indian Rupee	19,766.00	Indian Rupee	State Bank of Hyderabad
Package4	Allahabad Bank	24,817.00	Indian Rupee	24,817.00	Indian Rupee	24,817.00	Indian Rupee	19,766.00	Indian Rupee	State Bank of Hyderabad
Package5	Vijaya bank	24,817.00	Indian Rupee	24,817.00	Indian Rupee	24,817.00	Indian Rupee	19,766.00	Indian Rupee	State Bank of Hyderabad
Package6	L & T Infra	24,817.00	Indian Rupee	24,817.00	Indian Rupee	24,817.00	Indian Rupee	19,766.00	Indian Rupee	State Bank of Hyderabad
Package7	Punjab National Bank	19,766.00	Indian Rupee	19,766.00	Indian Rupee	19,766.00	Indian Rupee	14,902.00	Indian Rupee	State Bank of Hyderabad
Package8	Axis Bank	14,902.00	Indian Rupee	14,902.00	Indian Rupee	14,902.00	Indian Rupee	9,915.13	Indian Rupee	State Bank of Hyderabad
Package9	State Bank of India (Formerly State Bank of Hyderabad)	9,915.13	Indian Rupee	9,915.13	Indian Rupee	9,915.13	Indian Rupee	9,915.13	Indian Rupee	State Bank of Hyderabad
Amount of Loan sanctioned		3,49,700.00		39,800.00		39,800.00		31,700.00		15,900.00
Amount of Gross Loan drawn as on 31.03.2016		3,36,657.02		24,817.00		24,817.00		19,766.00		9,915.13
Interest Type*	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable (as on 31.03.2016)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Base Rate, if Floating Interest	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%	9.30%
Margin, if Floating Interest	1.15%	1.15%	1.15%	1.15%	1.15%	1.15%	1.15%	1.15%	1.15%	1.15%
Are there any Caps/Floor	No	No	No	No	No	No	No	No	No	No
If above is yes, specify caps/floor	-	-	-	-	-	-	-	-	-	-
Moratorium Period	No	No	No	No	No	No	No	No	No	No
Moratorium effective from	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Repayment Period	15 years	15 years	15 years	15 years	15 years	15 years	15 years	15 years	15 years	15 years
Repayment effective from	30.6.2016	30.6.2016	30.6.2016	30.6.2016	30.6.2016	30.6.2016	30.6.2016	30.6.2016	30.6.2016	30.6.2016
Repayment Frequency	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly	5 Monthly
Repayment Installment	Repayment Schedule attached as Endlosure - 3 to Form - 7									
Base Exchange Rate	Not Applicable									
Are foreign currency loan hedged ?	Not Applicable									
If above is yes, specify details										

Interest Rates are subject to reset as per prevailing Base rate / MCLR



PETITIONER

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ENCLOSURE - 1 TO FORM - 7

Scheduled Repayment Installment	% of the Facility Disbursed
June 15 <sup>th</sup> , 2012	1.333
July 15 <sup>th</sup> , 2012	1.333
August 15 <sup>th</sup> , 2012	1.333
September 15 <sup>th</sup> , 2012	1.333
October 15 <sup>th</sup> , 2012	1.333
June 15 <sup>th</sup> , 2013	1.333
July 15 <sup>th</sup> , 2013	1.333
August 15 <sup>th</sup> , 2013	1.333
September 15 <sup>th</sup> , 2013	1.333
October 15 <sup>th</sup> , 2013	1.333
June 15 <sup>th</sup> , 2014	1.333
July 15 <sup>th</sup> , 2014	1.333
August 15 <sup>th</sup> , 2014	1.333
September 15 <sup>th</sup> , 2014	1.333
October 15 <sup>th</sup> , 2014	1.333
June 15 <sup>th</sup> , 2015	1.333
July 15 <sup>th</sup> , 2015	1.333
August 15 <sup>th</sup> , 2015	1.333
September 15 <sup>th</sup> , 2015	1.333
October 15 <sup>th</sup> , 2015	1.333
June 15 <sup>th</sup> , 2016	1.333
July 15 <sup>th</sup> , 2016	1.333
August 15 <sup>th</sup> , 2016	1.333
September 15 <sup>th</sup> , 2016	1.333
October 15 <sup>th</sup> , 2016	1.333
June 15 <sup>th</sup> , 2017	1.333
July 15 <sup>th</sup> , 2017	1.333
August 15 <sup>th</sup> , 2017	1.333
September 15 <sup>th</sup> , 2017	1.333
October 15 <sup>th</sup> , 2017	1.333
June 15 <sup>th</sup> , 2018	1.333
July 15 <sup>th</sup> , 2018	1.333
August 15 <sup>th</sup> , 2018	1.333
September 15 <sup>th</sup> , 2018	1.333
October 15 <sup>th</sup> , 2018	1.333
June 15 <sup>th</sup> , 2019	1.333
July 15 <sup>th</sup> , 2019	1.333
August 15 <sup>th</sup> , 2019	1.333
September 15 <sup>th</sup> , 2019	1.333
October 15 <sup>th</sup> , 2019	1.333
June 15 <sup>th</sup> , 2020	1.333
July 15 <sup>th</sup> , 2020	1.333
August 15 <sup>th</sup> , 2020	1.333

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Scheduled Repayment Installment	% of the Facility Disbursed
September 15 <sup>th</sup> , 2020	1.333
October 15 <sup>th</sup> , 2020	1.333
June 15 <sup>th</sup> , 2021	1.333
July 15 <sup>th</sup> , 2021	1.333
August 15 <sup>th</sup> , 2021	1.333
September 15 <sup>th</sup> , 2021	1.333
October 15 <sup>th</sup> , 2021	1.333
June 15 <sup>th</sup> , 2022	1.333
July 15 <sup>th</sup> , 2022	1.333
August 15 <sup>th</sup> , 2022	1.333
September 15 <sup>th</sup> , 2022	1.333
October 15 <sup>th</sup> , 2022	1.333
June 15 <sup>th</sup> , 2023	1.333
July 15 <sup>th</sup> , 2023	1.333
August 15 <sup>th</sup> , 2023	1.333
September 15 <sup>th</sup> , 2023	1.333
October 15 <sup>th</sup> , 2023	1.333
June 15 <sup>th</sup> , 2024	1.333
July 15 <sup>th</sup> , 2024	1.333
August 15 <sup>th</sup> , 2024	1.333
September 15 <sup>th</sup> , 2024	1.333
October 15 <sup>th</sup> , 2024	1.333
June 15 <sup>th</sup> , 2025	1.333
July 15 <sup>th</sup> , 2025	1.333
August 15 <sup>th</sup> , 2025	1.333
September 15 <sup>th</sup> , 2025	1.333
October 15 <sup>th</sup> , 2025	1.333
June 15 <sup>th</sup> , 2026	1.333
July 15 <sup>th</sup> , 2026	1.333
August 15 <sup>th</sup> , 2026	1.333
September 15 <sup>th</sup> , 2026	1.333
October 15 <sup>th</sup> , 2026	1.333
<b>Total</b>	<b>100.00</b>

*(Signature)*



*(Handwritten notes and signatures)*



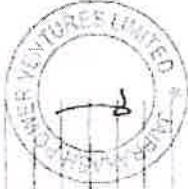
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15/11/19  
ENCLOSURE - 2 TO FORM-7

SCHEDULE VI  
AMORTISATION SCHEDULE

Sr. No.	Date	Loan A	Loan B
1	15-Nov-13	0.00%	0.00%
2	15-Dec-13	0.00%	0.00%
3	15-Jan-14	0.00%	0.00%
4	15-Feb-14	0.00%	0.00%
5	15-Mar-14	0.00%	0.00%
6	15-Jun-14	0.00%	2.41%
7	15-Jul-14	0.00%	2.41%
8	15-Aug-14	0.00%	2.41%
9	15-Sep-14	0.00%	2.41%
10	15-Oct-14	0.00%	2.41%
11	15-Jun-15	0.00%	3.05%
12	15-Jul-15	0.00%	3.05%
13	15-Aug-15	0.00%	3.05%
14	15-Sep-15	0.00%	3.05%
15	15-Oct-15	0.00%	3.05%
16	15-Jun-16	0.00%	3.13%
17	15-Jul-16	0.00%	3.13%
18	15-Aug-16	0.00%	3.13%
19	15-Sep-16	0.00%	3.13%
20	15-Oct-16	0.00%	3.13%
21	15-Jun-17	0.27%	3.21%
22	15-Jul-17	0.27%	3.21%
23	15-Aug-17	0.27%	3.21%
24	15-Sep-17	0.27%	3.21%
25	15-Oct-17	0.27%	3.21%
26	15-Jun-18	0.29%	3.47%
27	15-Jul-18	0.29%	3.47%
28	15-Aug-18	0.29%	3.47%
29	15-Sep-18	0.29%	3.47%
30	15-Oct-18	0.29%	3.47%
31	15-Jun-19	0.31%	3.70%
32	15-Jul-19	0.31%	3.70%
33	15-Aug-19	0.31%	3.70%
34	15-Sep-19	0.31%	3.70%
35	15-Oct-19	0.31%	3.70%
36	15-Jun-20	0.32%	3.86%
37	15-Jul-20	0.32%	1.29%
38	15-Aug-20	1.60%	0.00%
39	15-Sep-20	1.60%	0.00%
40	15-Oct-20	1.60%	0.00%
41	15-Jun-21	1.70%	0.00%
42	15-Jul-21	1.70%	0.00%
43	15-Aug-21	1.70%	0.00%
44	15-Sep-21	1.70%	0.00%
45	15-Oct-21	1.70%	0.00%
46	15-Jun-22	1.73%	0.00%
47	15-Jul-22	1.73%	0.00%



BORROWER	Lenders' Agent	Security Trustee	106		AB as Facility-A Lender	ICICI as Facility-A Lender and Facility-B Lender	SBI as Facility-A Lender and Facility-B Lender
			106	106			
MEGA as Facility-A Lender and Facility-B Lender	L & T as Facility-A Lender and Facility-B Lender	LIC as Facility-A Lender and Facility-B Lender	PSFC as Facility-A Lender and Facility-B Lender	PSFC as Facility-A Lender and Facility-B Lender	PTC as Facility-A Lender and Facility-B Lender	UNIL as Facility-B Lender	





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Sr. No.	Date	Loan A	Loan B
48	15-Aug-22	1.73%	0.00%
49	15-Sep-22	1.73%	0.00%
50	15-Oct-22	1.73%	0.00%
51	15-Jun-23	1.62%	0.00%
52	15-Jul-23	1.62%	0.00%
53	15-Aug-23	1.62%	0.00%
54	15-Sep-23	1.62%	0.00%
55	15-Oct-23	1.62%	0.00%
56	15-Jun-24	0.96%	0.00%
57	15-Jul-24	0.98%	0.00%
58	15-Aug-24	0.96%	0.00%
59	15-Sep-24	0.96%	0.00%
60	15-Oct-24	0.96%	0.00%
61	15-Jun-25	1.01%	0.00%
62	15-Jul-25	1.01%	0.00%
63	15-Aug-25	1.01%	0.00%
64	15-Sep-25	1.01%	0.00%
65	15-Oct-25	1.01%	0.00%
66	15-Jun-26	1.13%	0.00%
67	15-Jul-26	1.13%	0.00%
68	15-Aug-26	1.13%	0.00%
69	15-Sep-26	1.13%	0.00%
70	15-Oct-26	1.13%	0.00%
71	15-Jun-27	1.22%	0.00%
72	15-Jul-27	1.22%	0.00%
73	15-Aug-27	1.22%	0.00%
74	15-Sep-27	1.22%	0.00%
75	15-Oct-27	1.22%	0.00%
76	15-Jun-28	1.36%	0.00%
77	15-Jul-28	1.36%	0.00%
78	15-Aug-28	1.36%	0.00%
79	15-Sep-28	1.36%	0.00%
80	15-Oct-28	1.36%	0.00%
81	15-Jun-29	1.52%	0.00%
82	15-Jul-29	1.52%	0.00%
83	15-Aug-29	1.52%	0.00%
84	15-Sep-29	1.52%	0.00%
85	15-Oct-29	1.52%	0.00%
86	15-Jun-30	1.68%	0.00%
87	15-Jul-30	1.68%	0.00%
88	15-Aug-30	1.68%	0.00%
89	15-Sep-30	1.68%	0.00%
90	15-Oct-30	1.68%	0.00%
91	15-Jun-31	1.86%	0.00%
92	15-Jul-31	1.86%	0.00%
93	15-Aug-31	1.86%	0.00%
94	15-Sep-31	1.86%	0.00%
95	15-Oct-31	1.86%	0.00%
96	15-Jun-32	2.08%	0.00%



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BORROWER	Lenders' Agent	Security Investor	IFCI as Facility-B Lender	AB as Facility-A Lender	ICICI as Facility-A Lender and Facility-B Lender	IOFC as Facility A Lender and Facility-B Lender
IREDA as Facility-A Lender and Facility-B Lender	L & T as Facility-A Lender and Facility-B Lender	ICICI as Facility-A Lender and Facility-B Lender	IFCI as Facility-A Lender and Facility-B Lender	AB as Facility-A Lender	ICICI as Facility-A Lender and Facility-B Lender	IOFC as Facility A Lender and Facility-B Lender



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Sr. No.	Date	Loan A	Loan B
97	15-Jul-32	2.08%	0.00%
98	15-Aug-32	2.08%	0.00%
99	15-Sep-32	2.08%	0.00%
100	15-Oct-32	2.94%	0.00%
Total		100.00%	100.00%

**Note**  
**Door to door Tenor for Facility- A Loans: Till 15<sup>th</sup> October 2032 (18.75 years)**  
**Door to door Tenor for Facility- B Loans: Till 16<sup>th</sup> July 2020 (6.50 years)**

*[Large handwritten scribble]*



Borrower	IREDA as Facility-A Lender and Facility-B Lender	L & T as Facility-A Lender and Facility-B Lender	LIC as Facility-A Lender and Facility-B Lender	PFC as Facility-A Lender and Facility-B Lender	AB as Facility-A Lender	ICICI as Facility-A Lender and Facility-B Lender	IFC as Facility-A Lender and Facility-B Lender	100
	Security Trustee	Lenders' Agent						



Enclosure 3 to Form 7

## SCHEDULE II

### REPAYMENT SCHEDULE

**Note:** 50% of the principal amounts of the Facility shall be repayable in 70 (seventy) structured installments as follows and the balance 50% shall be payable as a single bullet Repayment instalment on March 31, 2030 by way of refinancing.

Year	Fiscal Year	June	July	August	September	October	Total
1	2016-17	0.70%	0.70%	0.70%	0.70%	0.70%	3.50%
2	2017-18	0.70%	0.70%	0.70%	0.70%	0.70%	3.50%
3	2018-19	0.70%	0.70%	0.70%	0.70%	0.70%	3.50%
4	2019-20	0.79%	0.79%	0.79%	0.79%	0.79%	3.95%
5	2020-21	0.81%	0.81%	0.81%	0.81%	0.81%	4.05%
6	2021-22	0.90%	0.90%	0.90%	0.90%	0.90%	4.50%
7	2022-23	0.93%	0.93%	0.93%	0.93%	0.93%	4.65%
8	2023-24	0.94%	0.94%	0.94%	0.94%	0.94%	4.70%
9	2024-25	0.41%	0.41%	0.41%	0.41%	0.41%	2.05%
10	2025-26	0.47%	0.47%	0.47%	0.47%	0.47%	2.35%
11	2026-27	0.52%	0.52%	0.52%	0.52%	0.52%	2.60%
12	2027-28	0.60%	0.60%	0.60%	0.60%	0.60%	3.00%
13	2028-29	0.67%	0.67%	0.67%	0.67%	0.67%	3.35%
14	2029-30	0.86%	0.86%	0.86%	0.86%	0.86%	4.30%
15	(Bullet Instalment in March, 2030)						50%
	<b>Total</b>						<b>100%</b>



Details of Allocation of corporate loans to various projects

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Particulars 1	Package1 2	Package2 3	Package3 4	Package4 5	(Rs. in lacs)
					Package4
Currency <sup>2</sup>					
<b>Details of Loans</b>					
Source of Loan					
Currency <sup>2</sup>					
Amount of Loan sanctioned RS.					
Amount of Gross Loan drawn upto COD Interest Type <sup>6</sup>					
Fixed Interest Rate, if applicable					
Base Rate, if Floating Interest <sup>7</sup> %					
Margin, if Floating Interest <sup>8</sup>					
Are there any Caps/Floor <sup>9</sup>					
If above is yes, specify caps/floor					
Moratorium Period <sup>10</sup>					
Moratorium effective from					
Repayment Period <sup>11</sup>					
Repayment effective from					
Repayment Frequency <sup>12</sup>					
Repayment Instalment <sup>13,14,15</sup>					
Base Exchange Rate <sup>16</sup>					
Are foreign currency loan hedged?					
If above is yes, specify details <sup>17</sup>					
<b>Distribution of loan packages to various projects</b>					
<b>Name of the Projects</b>					
Project1					
Project2					
Project3					
Project4 and so on					

NOT APPLICABLE

NOT APPLICABLE



PETITIONER

## Year wise Statement of Additional Capitalisation after COD (FY 2014-15)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD : 13.09.2011 (Project)  
 For Financial Year : 2014-15

Sl. No.	Head of Work / Equipment	Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed	Justification	Admitted Cost by the Commission, if any	ACE Claimed (Actual / Projected)	
									4	5 = 4 - 3
1	2	3	4	5	6	7	8	9		
1	Project Work - Land	1,260.00	1,260.00	-	-					
2	Project Work - Environment & Ecology	4,780.84	3,273.44	1,507.39						
3	Project Work - LADA	5,832.74	5,132.74	700.00						
4	Project Work - Jaiprakash Associates Limited	3,711.07	-	3,711.07						
<b>Sub Total (A)</b>		<b>15,584.65</b>	<b>9,666.19</b>	<b>5,918.46</b>						
5	Project Work - Service Tax	4,097.98	4,097.98	-						
6	Project Work - Entry Tax	777.86	-	777.86						
7	Project Work - Other Taxes & Duties	-	-	-						
<b>Sub Total (B)</b>		<b>4,875.84</b>	<b>4,097.98</b>	<b>777.86</b>						
<b>8</b>	<b>Total</b>	<b>20,460.49</b>	<b>13,764.17</b>	<b>6,696.33</b>						

Note : The position of Additional Capitalisation and the outstanding liabilities from COD of the Project (13.09.2011) to 31.03.2014 is as per the Enclosure-1 to Form 9A (FY 15)



PETITIONER

Statement of Additional Capitalisation after COD (upto FY 2013-14)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wanguo Hydro-Electric Plant  
 COD : 13.09.2011

(Rs. in lacs)

S.No.	Work/Equipment added after COD up to Cut off Date/Beyond Cut off Date	Amount of Additional Capitalisation / Cash Outflow)					Total	Regulations under which claimed	Justification		
		2008-09	2009-10	2010-11	2011-12	2012-13				2013-14	
1	See Note Below	NOT APPLICABLE					29,819.51	3,982.63	5,206.23	39,008.37	See Note Below

Note: The above shown sum total of "Amount of Additional Capitalisation / Cash Outflow" is towards the outstanding liabilities as on COD of Station (i.e. COD of Unit 4) which are also included in the actual capital expenditure shown in Form 5B and the other liabilities / items as shown in note 4 to 8 of Form 5B.

The Details of Cash Outflow, liabilities paid and liabilities proposed to be paid are as under.

SI No.	Particulars	Rs. / lacs
1	Cash Out Flow upto COD of Unit-4 (13.09.2011) as per Form 9E	6,36,311.54
2	Add : Liabilities paid upto 31.03.2014 as above	39,008.37
3	Add : Liabilities outstanding as on 31.03.2014 and to be paid during 2014-19	1,260.00
	- Land	4,780.84
	- Environment & Ecology	5,832.74
	- Local Area Development Activities (LADA)	3,711.07
	- Jaiprakash Associates Limited	
4	Add : Additional Capital Expenditure (as per details given in Form 5B) to be booked and to be paid during 2014-19	4,097.98
	- Service Tax (Please refer Note 5 of Form 5B)	777.86
	- Entry Tax (Please refer Note 7 of Form 5B)	
	- Taxes & Liabilities (Please refer Note 8 of Form 5B)	-
5	Less : Amount of IDC towards Additional Capitalisation during the period 14.09.2011 to 31.03.2014 as per Enclosure 2 to Form 9E	1,061.90
6	Total Cost of the Project (without IDC from COD of Unit-1 (26.05.2011) to 31.03.2014) (1+2+3+4-5))	6,94,718.50
7	Total Cost of the Project (with IDC from COD of Unit-1 (26.05.2011) to 31.03.2014) as on 31.03.2014 for tariff (Please refer Form 9E)	6,79,891.61



PETITIONER

Year wise Statement of Additional Capitalisation after COD (FY 2015-16)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD : 13.09.2011 (Project)  
 For Financial Year : 2015-16

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Admitted Cost by the Commission, if any		
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3			
1	2	3	4	5 = 4 - 3	6	7	8	9
1	Project Work - Land	1,260.00	1,260.00	-				
2	Project Work - Environment & Ecology	3,273.44	3,271.22	2.23				
3	Project Work - LADA	5,132.74	5,132.74	-				
<b>Sub Total (A)</b>		<b>9,666.19</b>	<b>9,663.96</b>	<b>2.23</b>				
4	Project Work - Service Tax	4,097.98	4,097.98	-				
5	Project Work - Entry Tax	-	-	-				
6	Project Work - Other Taxes & Duties	-	-	-				
<b>Sub Total (B)</b>		<b>4,097.98</b>	<b>4,097.98</b>	<b>-</b>				
7	<b>Total</b>	<b>13,764.17</b>	<b>13,761.94</b>	<b>2.23</b>				



PETITIONER



**Year wise Statement of Additional Capitalisation after COD (FY 2016-17)**

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD : 13.09.2011 (Project)  
 For Financial Year : 2016-17

Sl. No.	Head of Work / Equipment	3	4	ACE Claimed (Actual / Projected)		6	7	8	9
				Un-discharged Liability included in col. 3	Cash basis				
1	2				5 = 4 - 3				
	Project Work - Land	1,260.00	1,109.90	150.10					
	Project Work - Environment & Ecology	3,271.22	1,734.76	1,536.46					
	Project Work - LADA	5,132.74	3,212.36	1,920.38					
	<b>Sub Total (A)</b>	<b>9,663.96</b>	<b>6,057.02</b>	<b>3,606.94</b>					
	Project Work - Service Tax	4,097.98	4,097.98	-					
	Project Work - Entry Tax	-	-	-					
	Project Work - Other Taxes & Duties	-	-	-					
	<b>Sub Total (B)</b>	<b>4,097.98</b>	<b>4,097.98</b>	<b>-</b>					
6	<b>Total</b>	<b>13,761.94</b>	<b>10,155.00</b>	<b>3,606.94</b>					



PETITIONER





Year wise Statement of Additional Capitalisation after COD (FY 2017-18)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD : 13.09.2011 (Project)  
 For Financial Year : 2017-18

Sl. No.	Head of Work / Equipment	3	4	ACE Claimed (Actual / Projected)		6	7	8	9
				Un-discharged Liability included in col. 3	Cash basis				
1	Project Work - Land	1,109.90	1,089.41	20.49					
2	Project Work - Environment & Ecology	1,734.76	1,733.83	0.93					
3	Project Work - LADA	3,212.36	2,112.36	1,100.00					
<b>Sub Total (A)</b>		<b>6,057.02</b>	<b>4,935.60</b>	<b>1,121.42</b>					
2	Project Work - Service Tax	4,097.98	4,097.98	-					
3	Project Work - Entry Tax	-	-	-					
4	Project Work - Other Taxes & Duties	-	-	-					
<b>Sub Total (B)</b>		<b>4,097.98</b>	<b>4,097.98</b>	<b>-</b>					
5	<b>Total</b>	<b>10,155.00</b>	<b>9,033.58</b>	<b>1,121.42</b>					



PETITIONER

Year wise Statement of Additional Capitalisation after COD (FY 2018-19)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD : 13.09.2011 (Project)  
 For Financial Year : 2018-19

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)					Admitted Cost by the Commission, if any	
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3	Regulations under which claimed		
1	2	3	4	5 = 4 - 3	6	7	8	9
1	Project Work - Land	1,089.41	1,089.41	-				
2	Project Work - Environment & Ecology	1,733.83	1,732.52	1.31				
3	Project Work - LADA	2,112.36	1,107.92	1,004.45				
<b>Sub Total (A)</b>		<b>4,935.60</b>	<b>3,929.84</b>	<b>1,005.76</b>				
2	Project Work - Service Tax	4,097.98	4,097.98	-				
3	Project Work - Entry Tax	-	-	-				
4	Project Work - Other Taxes & Duties	-	-	-				
<b>Sub Total (b)</b>		<b>4,097.98</b>	<b>4,097.98</b>	<b>-</b>				
5	<b>Total</b>	<b>9,033.58</b>	<b>8,027.82</b>	<b>1,005.76</b>				



PETITIONER

Statement of Additional Capitalisation during rag end of the Project

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD

1	2	3	4	5	6
Sr. No.	Year	Work/Equipment added during last five years of useful life of each unit/Station	Amount capitalised / Proposed to be capitalised (Rs Lakh)	Justification for capitalisation proposed	Impact on life extension
<b>NOT APPLICABLE</b>					

Note:-

1. Cost Benefit analysis for capital additions done should be submitted along with petition for approval of such schemes
2. Justification for additional capital expenditure claim for each asset should be relevant to regulation under which claim and the necessity of capitalization of the asset



PETITIONER

Details of Assets De-capitalized during the period

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 Region State District

1	2	3	4	5	6
Sr. No.	Name of the Asset	Nature of de-capitalization (whether claimed under exclusion or as additional capital expenditure)	Original Value of the Asset Capitalised	Year Put to use	Depreciation recovered till date of decapitalization
<b>NOT APPLICABLE</b>					

Note: Year wise detail need to be submitted.



PETITIONER

## Statement showing reconciliation of ACE claimed with the capital additions as per books

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
COD : 13.09.2011

(Amount in Rs. Lakh)

Sr. No.	Particulars	2011-12 2011-12 (13.09.2011 to 31.03.2012)	3	4	5	6	7	8	9	10
1	Closing Gross Block including advances & other current assets & additional IDC on account of capitalisation of common facilities and excluding liabilities	670,702.75	674,685.38	679,891.61	686,587.93	686,590.16	690,197.10	690,197.10	691,318.52	692,324.28
2	Less: Opening Gross Block including advances & other current assets & additional IDC on account of capitalisation of common facilities and excluding liabilities	640,883.24	670,702.75	674,685.38	679,891.61	686,587.93	686,587.93	686,590.16	690,197.10	691,318.52
3	Total Additions as per books including advances & other current assets & additional IDC on account of capitalisation of common facilities and excluding liabilities	29,819.51	3,982.63	5,206.23	6,696.32	2.23	2.23	3,606.94	1,121.42	1,005.76
4	Less: Additions pertaining to other Stages (give Stage wise breakup)	-	-	-	-	-	-	-	-	-
5	Net Additions pertaining to instant project/Unit/Stage	29,819.51	3,982.63	5,206.23	6,696.32	2.23	2.23	3,606.94	1,121.42	1,005.76
6	Less: Exclusions (Items not allowable / not claimed)	-	-	-	-	-	-	-	-	-
7	Net Additional Capital Expenditure Claimed	29,819.51	3,982.63	5,206.23	6,696.32	2.23	2.23	3,606.94	1,121.42	1,005.76

Note-Reason for exclusion of any expenditure shall be given in Clear terms



PETITIONER

Statement showing items/assets/works claimed under Exclusions:

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 COD

Sr. No.	Head of Work / Equipment	3 Accrual basis	4 Undischarged Liability included in col. 3	5=(3-4) Cash basis	6 IDC included in col. 3	7 Justification	NOT APPLICABLE						

Note: 1. Exclusions claimed on assets not allowed in Tariff should be supported by the specific reference of Commission Order date, Petition No., amount disallowed, etc..  
 2. For inter unit transfer, nature of transfer i.e. temporary or permanent should be mentioned. It is to be certified that exclusion sought in receiving station only and not in sending station or in both the station.

PETITIONER





Name of the Petitioner : JSW Hydro Energy Limited  
Karcham Station : Karcham Hydro-Electric Plant

Statement of Capital Cost

S.No.	PARTICULARS	2011-12											
		1	2	3A	3B	3C	3D	4	5	3	3	3	3
		A1) Opening Gross Block Amount as per books including advances and other current assets	6,57,838.22	6,72,590.32	6,86,991.04	6,86,991.04	6,90,276.89	6,89,029.44	6,89,842.65	6,90,620.51	6,90,620.51	6,90,620.51	6,90,620.51
		A2) Additional IDC on account of capitalisation of common facilities											
		A3) Closing Gross Block Amount as per books including advances and other current assets & additional IDC on account of capitalisation of common facilities	6,57,838.22	6,74,476.96	6,91,404.25	6,91,562.75	6,95,536.02	6,94,451.72	6,95,476.26	6,96,254.12	6,96,254.12	6,96,254.12	6,96,254.12
		E a1) Closing Gross Block Amount as per books including advances and other current assets	6,72,590.32	6,86,991.04	6,86,991.04	6,90,276.89	6,89,029.44	6,89,842.65	6,90,620.51	6,90,620.51	6,90,620.51	6,90,620.51	6,90,620.51
		E a2) Additional IDC on account of capitalisation of common facilities											
		E a3) Closing Gross Block Amount as per books including advances and other current assets & additional IDC on account of capitalisation of common facilities	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65	1,886.65
		D a) Deletion in Gross Block Amount during the period											
		D b) Amount of capital liabilities in D(a) above											
		D c) Amount of IDC & FC in D(a) above											
		D d) Amount of FERV in D(a) above											
		D e) Amount of Hedging cost in D(a) above											
		D f) Amount of IEBC in D(a) above											
		C a) Addition in Gross Block Amount during the period (Transferred from CWP)											
		C b) Amount of capital liabilities in C(a) above											
		C c) Amount of IDC & FC in C(a) above											
		C d) Amount of FERV in C(a) above											
		C e) Amount of Hedging cost in C(a) above											
		C f) Amount of IEBC in C(a) above											
		B a) Addition in Gross Block Amount during the period (Direct purchases)	14,752.10	14,400.72	14,400.72	3,285.84	(1,247.45)	813.21	777.86				
		B b) Amount of capital liabilities in B(a) above											
		B c) Amount of IDC & FC in B(a) above	1,185.91	2,972.78									
		B d) Amount of FERV in B(a) above											
		B e) Amount of Hedging cost in B(a) above											
		B f) Amount of IEBC in B(a) above	23.32	17,544.43									
		A) Opening Gross Block Amount as per books including advances and other current assets	44,735.92	45,719.85	50,679.51	50,679.51	24,833.27	19,766.33	15,584.65	9,663.96	6,057.02	4,935.60	4,935.60
		A2) Additional IDC on account of capitalisation of common facilities											
		A3) Opening Gross Block Amount as per books including advances and other current assets	6,57,838.22	6,74,476.96	6,91,404.25	6,91,562.75	6,95,536.02	6,94,451.72	6,95,476.26	6,96,254.12	6,96,254.12	6,96,254.12	6,96,254.12
		B) Addition in Gross Block Amount during the period	19,887.42	19,910.74	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17
		B a) Addition in Gross Block Amount during the period (Direct purchases)	14,752.10	14,400.72	3,285.84	(1,247.45)	813.21	777.86					
		B b) Amount of capital liabilities in B(a) above											
		B c) Amount of IDC & FC in B(a) above	1,185.91	2,972.78									
		B d) Amount of FERV in B(a) above											
		B e) Amount of Hedging cost in B(a) above											
		B f) Amount of IEBC in B(a) above	23.32	17,544.43									
		C) Addition in Gross Block Amount during the period											
		C a) Addition in Gross Block Amount during the period (Transferred from CWP)											
		C b) Amount of capital liabilities in C(a) above											
		C c) Amount of IDC & FC in C(a) above											
		C d) Amount of FERV in C(a) above											
		C e) Amount of Hedging cost in C(a) above											
		C f) Amount of IEBC in C(a) above											
		D) Deletion in Gross Block Amount during the period											
		D a) Deletion in Gross Block Amount during the period											
		D b) Amount of capital liabilities in D(a) above											
		D c) Amount of IDC & FC in D(a) above											
		D d) Amount of FERV in D(a) above											
		D e) Amount of Hedging cost in D(a) above											
		D f) Amount of IEBC in D(a) above											
		E) Addition in Gross Block Amount during the period											
		E a1) Closing Gross Block Amount as per books including advances and other current assets	6,72,590.32	6,86,991.04	6,86,991.04	6,90,276.89	6,89,029.44	6,89,842.65	6,90,620.51	6,90,620.51	6,90,620.51	6,90,620.51	6,90,620.51
		E a2) Additional IDC on account of capitalisation of common facilities											
		E a3) Closing Gross Block Amount as per books including advances and other current assets & additional IDC on account of capitalisation of common facilities	6,74,476.96	6,91,404.25	6,91,562.75	6,95,536.02	6,94,451.72	6,95,476.26	6,96,254.12	6,96,254.12	6,96,254.12	6,96,254.12	6,96,254.12
		F Calculation of Capital Cost for the purposes of Tariff											
		F a) Amount after deduction of closing capital liabilities from the closing gross block	6,28,757.12	6,40,724.74	6,40,883.24	6,70,702.75	6,74,685.38	6,79,891.61	6,86,587.93	6,86,590.16	6,90,197.10	6,91,318.52	6,92,324.28
		F b) Cash outflow after deduction of closing capital liabilities from the closing gross block	15,654.82	11,967.62	158.50	29,819.51	3,982.63	5,206.23	6,696.32	2.23	3,606.94	1,121.42	1,005.76

(Amount in Rs. Lakh)

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Unit wise Capital Cost till COD of Unit - 4 (13.09.2011)

S.No.	Description	Unit - 1 COD - 26.05.2011	Unit - 2 COD - 23.06.2011	Unit - 3 COD - 08.09.2011	Unit - 4 COD - 13.09.2011
A	Details of Total Debt received & Weighted Average Rate of Interest :				
1	Total Debt as on 26.05.2011				
2	Weighted Average Rate of Interest as per Form 13 (from 26.05.2011 to 31.03.2012)	427,878.90			
B	Calculation of Unit wise Capital Cost				
(i)	Total Cash Outflow upto 26.05.2011 as per Form 9E	613,102.30			
2	Pro-rata Capital Cost of Unit 1 [1/4th of B (i)]	153,275.58			
3	Notional Debt Component in Pro-rata Capital Cost of Unit 1 (70% of B2)	107,292.91			
4	Balance Cost to be carried forward including IDC and FC for computing Capital Cost of Unit 2, 3 & 4 [B (i) - B2]		459,826.72		
5	Actual Cash Outflow without IDC from 26.05.2011 to 22.06.2011 as per Form 9E		12,643.95		
6	Total Cost as on 23.06.2006 (B4 + B5)		472,470.67		
7	Balance Debt [A1 - B3]		320,585.99		
8	Interest on balance Debt from 26.05.2011 to 22.06.2011 (28 days)		3,010.87		
9	Total (B6 + B8)		475,481.54		
10	Pro-rata Capital Cost of Unit 2 (1/3rd of B9)		158,493.85		
11	Notional Debt Component in Pro-rata Capital Cost of Unit 2 (70% of B10)		110,945.70		
12	Balance Cost to be carried forward including IDC and FC for computing Capital Cost of Unit 3 & 4 (B9 - B10)			316,987.69	
13	Cost incurred without IDC from 23.06.2011 to 07.09.2011 as per Form 9E		6,553.16		
14	Total Cost as on 08.09.2011 (B12 + B13)		223,540.85		
15	Balance Debt [A3 - B3 - B11]		209,640.29		
16	Interest on balance Debt from 23.06.2011 to 07.09.2011 (77 days)		5,414.46		
17	Total (B14 + B16)		328,955.31		
18	Pro-rata Capital Cost of Unit 3 (1/2 nd of B17)		164,477.66		
19	Notional Debt Component in Pro-rata Capital Cost of Unit 3 (70% of B18)		115,134.36		
20	Balance Cost to be carried forward including IDC and FC for computing Capital Cost of IV (B17 - B18)			164,477.65	
21	Cost incurred without IDC from 08.09.2011 to 12.09.2011 as per Form 9E			0.00	
22	Total Cost as on 13.09.2011 (B20 + B21)			164,477.65	
23	Balance Debt [A3 - B3 - B11 - B19]			94,505.93	
24	Interest on Debt from 08.09.2011 to 12.09.2011 ( 5 days)			158.50	
25	Total (B22 + B24)			164,636.15	
26	Pro-rata Capital Cost of Unit 4 (B25)			164,636.15	
27	Notional Debt Component in Pro-rata Capital Cost of Unit 4 (70% of B26)			115,245.31	
28	Pro-rata Capital Cost of various Units	153,275.58	158,493.85	164,477.66	164,636.15
29	Capital Cost of all the Units				640,883.24

(Rs. in lacs)





Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

**Calculation of Capital Cost for Determination of Tariff  
(After COD of Unit - 4 i.e. 13.09.2011 to 31.03.2014)**

S.No.	Description	Amount
1	Capital cost as on COD of Unit - 4 (13.09.2011)	6,40,883.24
2	Cash out flow during the period 14.09.2011 to 31.03.2012 as per Form 9E	29,132.08
3	Notional Debt in Cash out flow during the period 14.09.2011 to 31.03.2012 (70% of SI No. 2)	20,392.46
4	Average of Notional Debt in Cash out flow during the period 14.09.2011 to 31.03.2012 (1/2 of SI No. 3)	10,196.23
5	Weighted average rate of Interest (from 26.05.2011 to 31.03.2012)	12.28%
6	No. of Days from 14.09.2011 to 31.03.2012	201
7	Interest to be capitalised in tariff on Cash out flow during the period from 14.09.2011 to 31.03.2012	687.43
8	<b>Capital Cost as on 31.03.2012 (1 + 2 + 7)</b>	<b>6,70,702.75</b>
9	Cash out flow during the period 01.04.2012 to 31.03.2013 as per Form 9E	3,819.48
10	Notional Debt in Cash out flow during the period 01.04.2012 to 31.03.2013 (70% of SI No. 9)	2,673.64
11	Average of Notional Debt in Cash out flow during the period 01.04.2012 to 31.03.2013 (1/2 of SI No. 10)	1,336.82
12	Weighted average rate of Interest (from 01.04.2012 to 31.03.2013)	12.20%
13	No. of Days from 01.04.2012 to 31.03.2013	365
14	Interest to be capitalised in tariff on Cash out flow during the period from 01.04.2012 to 31.03.2013	163.15
15	<b>Capital Cost as on 31.03.2013 (8 + 9 + 14)</b>	<b>6,74,685.38</b>
16	Cash out flow during the period 01.04.2013 to 31.03.2014 as per Form 9E	4,994.90
17	Notional Debt in Cash out flow during the period 01.04.2013 to 31.03.2014 (70% of SI No. 2)	3,496.43
18	Average of Notional Debt in Cash out flow during the period 01.04.2013 to 31.03.2014 (1/2 of SI No. 17)	1,748.22
19	Weighted average rate of Interest (from 01.04.2013 to 31.03.2014)	12.09%
20	No. of Days from 01.04.2013 to 31.03.2014	365
21	Interest to be capitalised in tariff on Cash out flow during the period from 01.04.2013 to 31.03.2014	211.33
22	<b>Capital Cost as on 31.03.2014 (15 + 16 + 21)</b>	<b>6,79,891.61</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wanjroo Hydro-Electric Plant

Statement of Capital Works in Progress

(Rs. in lacs)

S.No.	PARTICULARS	COD of Unit-4 & Station (13.09.2011)	As on								
			31.03.2012	31.03.2013	31.03.2014	31.03.2015	31.03.2016	31.03.2017	31.03.2018	31.03.2019	
A	a) Opening CWIP as per books		163.71								
	b) Amount of capital liabilities in A(a) above		163.71								
	c) Amount of IDC in A(a) above										
	d) Amount of FC in A(a) above										
	e) Amount of FERV in A(a) above										
	f) Amount of Hedging Cost in A(a) above										
	g) Amount of IEDC in A(a) above										
B	a) Addition in CWIP during the period		161.56								
	b) Amount of capital liabilities in B(a) above		161.56								
	c) Amount of IDC in B(a) above										
	d) Amount of FC in B(a) above										
	e) Amount of FERV in B(a) above										
	f) Amount of Hedging Cost in B(a) above										
	g) Amount of IEDC in B(a) above										
C	a) Transferred to Gross Block Amount during the period		325.27								
	b) Amount of capital liabilities in C(a) above		325.27								
	c) Amount of IDC in C(a) above										
	d) Amount of FC in C(a) above										
	e) Amount of FERV in C(a) above										
	f) Amount of Hedging Cost in C(a) above										
	g) Amount of IEDC in C(a) above										
D	a) Deletion in CWIP during the period										
	b) Amount of capital liabilities in D(a) above										
	c) Amount of IDC in D(a) above										
	d) Amount of FC in D(a) above										
	e) Amount of FERV in D(a) above										
	f) Amount of Hedging Cost in D(a) above										
	g) Amount of IEDC in D(a) above										
E	a) Closing CWIP as per books		163.71								
	b) Amount of capital liabilities in E(a) above		163.71								
	c) Amount of IDC in E(a) above										
	d) Amount of FC in E(a) above										
	e) Amount of FERV in E(a) above										
	f) Amount of Hedging Cost in E(a) above										
	g) Amount of IEDC in E(a) above										



PETITIONER



Financing of Additional Capitalisation

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 Date of Commercial Operation : 13.09.2011

(Rs. in lacs)

Financial Year (Starting from COD)	1	2	3	4	5	6	7	8	9
2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19		
Amount capitalised in Work/Equipment									
Financing Details									
Loan-1									
Loan-2									
Loan-3 and so on									
Total Loan <sup>2</sup>									
Equity									
Internal Resources									
Others									
Total									

No separate financing for additional capitalisation



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Depreciation

S.No.	Name of the Assets	Depreciation Rates as per CERCs Schedule	Gross Block as on 26.05.2011 (COD of Unit-1)	Depreciation Amount	Gross Block as on 23.06.2011 (COD of Unit-2)	Depreciation Amount	Gross Block as on 08 / 13.09.2011 (COD of Unit-3 & 4)	Depreciation Amount	Gross Block as on 31.3.2012	Depreciation Amount
A	Land under full ownership	3.34%	2,488.44	-	2,488.44	2,488.44	-	2,488.44	2,488.44	-
	Land under reservoir (0.5913 hect.)	3.34%	288.42	9.63	288.42	288.42	288.42	288.42	288.42	9.63
	Land other than under reservoir (4.5103 hect.)	0.00%	2,200.02	-	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	-
B	Land under lease									
(a)	for investment in the land	3.34%	1,278.86	42.71	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	42.71
C	Assets purchased new									
(a)	Plant and Machinery in generating stations									
(i)	Hydro electric	5.28%	39,796.47	2,101.25	63,242.65	3,339.21	1,50,856.27	7,965.21	1,50,856.27	7,965.21
(b)	Hydraulic works forming part of the Hydro									
(i)	Dams, Spillways, Weirs, Canals, Reinforced concrete	5.28%	88,510.13	4,673.33	88,510.13	4,673.33	88,510.13	4,673.33	88,510.13	4,673.33
(ii)	Reinforced concrete pipelines and surge tanks, steel pipes, sluice gates, steel surge tanks, hydraulic control valves and hydraulic works	5.28%	2,78,141.17	14,685.85	3,02,850.32	15,990.50	3,60,761.84	19,048.23	3,60,761.84	19,048.23
(c)	Building & Civil Engineering works of a									
(i)	Containing hydro-electric generating plant	3.34%	25,590.95	854.74	25,590.95	854.74	25,590.95	854.74	25,590.95	854.74
(ii)	Others	3.34%	2,871.73	95.92	2,871.73	95.92	2,871.73	95.92	3,197.00	106.78
(d)	Transformers, Kiosk, substation equipment & other fixed apparatus (including plant)									
(i)	Transformers including foundations having rating of 100 kVA and over	5.28%	1,567.39	82.76	3,027.63	159.86	7,288.20	384.82	7,288.20	384.82
(e)	Switchgear including cable connections	5.28%	19,459.64	1,027.47	20,456.78	1,080.12	37,948.34	2,003.67	37,948.34	2,003.67
(f)	Lightning arrestor									
(g)	Station Type	5.28%	244.58	12.91	244.58	12.91	372.41	19.66	372.41	19.66
(h)	Batteries	5.28%	416.11	21.97	416.11	21.97	464.69	24.54	464.69	24.54
(i)	Communication equipment									
(j)	Radio and high frequency carrier system	6.33%	1,313.16	83.12	1,313.16	83.12	2,008.84	127.16	2,008.84	127.16
(k)	Self propelled vehicles	9.50%	71.17	6.76	71.17	6.76	71.17	6.76	71.17	6.76
(l)	Air Conditioning Plants									
(m)	Static	5.28%	556.06	29.36	682.67	36.04	922.47	48.71	922.47	48.71
(n)	Office furniture and furnishing	6.33%	16.96	1.07	16.96	1.07	16.96	1.07	16.96	1.07
(o)	Office Equipment	6.33%	214.55	13.58	214.55	13.58	214.55	13.58	214.55	13.58
TOTAL			4,62,537.37	23,742.45	5,13,276.69	26,421.49	6,81,665.85	35,319.74	6,81,991.12	35,330.61
	Weighted Average Depreciation Rate (%)		5.1331%		5.1476%		5.1814%		5.1805%	

(Amount in Rs. Lakh)



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Depreciation

S.No.	Name of the Assets	Depreciation Rates as per CERCs Schedule	Gross Block as on 31.3.2013	Depreciation Amount	12 = Col.2 X Col.11	Gross Block as on 31.3.2014	Depreciation Amount	14 = Col.2 X Col.13	Gross Block as on 31.3.2015	Depreciation Amount	16 = Col.2 X Col.15	Gross Block as on 31.3.2016
A	Land under full ownership	3.34%	2,488.44	2,488.44	-	2,488.44	2,488.44	-	2,488.44	2,488.44	-	2,488.44
	Land under reservoir (0.5913 hect.)	3.34%	288.42	288.42	9.63	288.42	288.42	9.63	288.42	288.42	9.63	288.42
	Land other than under reservoir (4.5103 hect.)	0.00%	2,200.02	2,200.02		2,200.02	2,200.02		2,200.02	2,200.02		2,200.02
B	Land under lease											
(a)	for investment in the land	3.34%	1,278.86	1,278.86	42.71	1,278.86	1,278.86	42.71	1,278.86	1,278.86	42.71	1,278.86
C	Assets purchased new											
(a)	Plant and Machinery in generating stations											
(i)	Hydro electric	5.28%	1,50,856.27	7,965.21	1,51,251.94	7,986.10	1,51,251.94	7,986.10	1,51,251.94	7,986.10	1,51,251.94	
(b)	Hydraulic works forming part of the Hydro											
(i)	Dams, Spillways, Weirs, Canals, Reinforced concrete flumes and siphons	5.28%	88,510.13	4,673.33	88,808.86	4,689.11	88,808.86	4,689.11	88,808.86	4,689.11	88,808.86	
(ii)	Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates, steel surge tanks, hydraulic control valves and hydraulic works	5.28%	3,60,761.84	19,048.23	3,61,632.25	19,094.18	3,61,632.25	19,094.18	3,61,632.25	19,094.18	3,61,632.25	
(c)	Building & Civil Engineering works of a											
(i)	Containing hydro-electric generating plant	3.34%	25,590.95	854.74	25,657.49	856.96	25,657.49	856.96	25,657.49	856.96	25,657.49	
(ii)	Others	3.34%	3,197.00	106.78	3,217.87	107.48	3,217.87	107.48	3,217.87	107.48	3,217.87	
(d)	Transformers, Kiosk, substation equipment & other fixed apparatus (including plant)											
(i)	Transformers including foundations having rating of 100 KVA and over	5.28%	7,288.20	384.82	7,307.32	385.83	7,307.32	385.83	7,307.32	385.83	7,307.32	
(e)	Switchgear including cable connections	5.28%	37,948.34	2,003.67	38,047.87	2,008.93	38,047.87	2,008.93	38,047.87	2,008.93	38,047.87	
(f)	Lightning arrestor											
(i)	Station Type	5.28%	372.41	19.66	373.39	19.71	373.39	19.71	373.39	19.71	373.39	
(g)	Batteries	5.28%	464.69	24.54	465.91	24.60	465.91	24.60	465.91	24.60	465.91	
(h)	Communication equipment											
(i)	Radio and high frequency carrier system	6.33%	2,008.84	127.16	2,014.11	127.49	2,014.11	127.49	2,014.11	127.49	2,014.11	
(j)	Self propelled vehicles	9.50%	71.17	6.76	71.17	6.76	71.17	6.76	71.17	6.76	71.17	
(k)	Air Conditioning Plants											
(l)	Static	5.28%	922.47	48.71	924.89	48.83	924.89	48.83	924.89	48.83	924.89	
(m)	Office furniture and furnishing	6.33%	16.96	1.07	16.96	1.07	16.96	1.07	16.96	1.07	16.96	
(n)	Office Equipment	6.33%	214.55	13.58	214.55	13.58	214.55	13.58	214.55	13.58	214.55	
	<b>TOTAL</b>		<b>6,81,991.12</b>	<b>35,330.61</b>	<b>6,83,771.87</b>	<b>35,422.99</b>	<b>6,83,771.87</b>	<b>35,422.99</b>	<b>6,83,771.87</b>	<b>35,422.99</b>	<b>6,83,771.87</b>	<b>6,83,771.87</b>
				5.1805%			5.1805%			5.1805%		
												5.1805%

(Amount in Rs. Lakh)



**Calculation of Depreciation**

PART-II  
FORM-11

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wanguo Hydro-Electric Plant

S.No.	Name of the Assets	Depreciation Rates as per CERCS Schedule	18 = Col.2 X Col.17	19	20 = Col.2 X Col.19	21	22 = Col.2 X Col.21	23	24 = Col.2 X Col.23
A	Land under full ownership	3.34%	2,488.44	2,488.44	-	2,488.44	-	2,488.44	-
	Land under reservoir (0.5913 hect.)	3.34%	9.63	288.42	9.63	288.42	9.63	288.42	9.63
	Land other than under reservoir (4.5103 hect.)	0.00%		2,200.02		2,200.02		2,200.02	
B	Land under lease								
(a)	For investment in the land	3.34%	42.71	1,278.86	42.71	1,278.86	42.71	1,278.86	42.71
C	Assets purchased new								
(a)	Plant and Machinery in generating stations								
(i)	Hydro electric	5.28%	7,986.10	1,51,251.94	7,986.10	1,51,251.94	7,986.10	1,51,251.94	7,986.10
(b)	Hydraulic works forming part of the Hydro								
(i)	Dams, Spillways, Weirs, Canals, Reinforced concrete	5.28%	4,689.11	88,808.86	4,689.11	88,808.86	4,689.11	88,808.86	4,689.11
(ii)	Reinforced concrete pipelines and surge tanks, steel pipes, sluice gates, steel surge tanks, hydraulic control valves and hydraulic works	5.28%	19,094.18	3,61,632.25	19,094.18	3,61,632.25	19,094.18	3,61,632.25	19,094.18
(c)	Building & Civil Engineering works of a								
(i)	Containing hydro-electric generating plant	3.34%	856.96	25,657.49	856.96	25,657.49	856.96	25,657.49	856.96
(ii)	Others	3.34%	107.48	3,217.87	107.48	3,217.87	107.48	3,217.87	107.48
(d)	Transformers, Kiosk, substation equipment & other fixed apparatus (including plant)								
(i)	Transformers including foundations having rating of 100 kVA and over	5.28%	385.83	7,307.32	385.83	7,307.32	385.83	7,307.32	385.83
(e)	Switchgear including cable connections	5.28%	2,008.93	38,047.87	2,008.93	38,047.87	2,008.93	38,047.87	2,008.93
(f)	Lightning arrestor								
(g)	Station Type	5.28%	19.71	373.39	19.71	373.39	19.71	373.39	19.71
(h)	Batteries	5.28%	24.60	465.91	24.60	465.91	24.60	465.91	24.60
(i)	Communication equipment	6.33%	127.49	2,014.11	127.49	2,014.11	127.49	2,014.11	127.49
(j)	Radio and high frequency carrier system	6.33%	127.49	2,014.11	127.49	2,014.11	127.49	2,014.11	127.49
(k)	Self propelled vehicles	9.50%	6.76	71.17	6.76	71.17	6.76	71.17	6.76
(l)	Air Conditioning Plants	5.28%	48.83	924.89	48.83	924.89	48.83	924.89	48.83
(m)	State	6.33%	1.07	16.96	1.07	16.96	1.07	16.96	1.07
(n)	Office furniture and furnishing	6.33%	13.58	214.55	13.58	214.55	13.58	214.55	13.58
(o)	Office Equipment	6.33%	13.58	214.55	13.58	214.55	13.58	214.55	13.58
TOTAL			35,422.99	6,83,771.87	35,422.99	6,83,771.87	35,422.99	6,83,771.87	35,422.99
			5.1805%		5.1805%		5.1805%		5.1805%
			35,422.99	6,83,771.87	35,422.99	6,83,771.87	35,422.99	6,83,771.87	35,422.99
			5.1805%		5.1805%		5.1805%		5.1805%

(Amount in Rs. Lakh)



PETITIONER

## Statement of Depreciation

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wanguoo Hydro-Electric Plant

Sl. No.	Particulars	2011-12										
		3A For Unit (1)	3B For Unit (1 & 2)	3C For Unit (1, 2 & 3)	3D For Station / Unit (1, 2, 3 & 4)	4	6	7	8	9	10	11
1	Opening Capital Cost <sup>1</sup>	1,53,275.58	3,14,378.56	4,80,543.56	6,40,883.24	6,70,702.75	6,74,685.38	6,79,891.61	6,86,587.93	6,86,590.16	6,90,197.10	6,91,318.52
2	Closing Capital Cost <sup>2</sup>	1,57,189.28	3,20,362.37	4,80,662.43	6,70,702.75	6,74,685.38	6,77,288.50	6,83,239.77	6,86,589.05	6,88,393.63	6,91,318.52	6,92,324.28
3	Average Capital Cost <sup>3</sup>	1,55,232.43	3,17,370.46	4,80,602.99	6,55,793.00	6,72,694.07	6,77,288.50	6,83,239.77	6,86,589.05	6,88,393.63	6,90,757.81	6,91,821.40
4	Freehold land (other than under reservoir)	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02
5	Rate of Depreciation	5.1331%	5.1476%	5.1814%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%
6	Depreciable Value	1,53,032.41	3,15,170.45	4,78,402.98	6,53,592.98	6,70,494.05	6,75,088.48	6,81,039.75	6,84,389.03	6,86,193.61	6,88,557.79	6,89,621.38
7	Balance useful life at the beginning of the period				34.45 Years	33.45 Years	32.45 Years	31.45 Years	30.45 Years	29.45 Years	28.45 Years	27.45 Years
8	Remaining depreciable value at the beginning of the period	1,53,032.41	3,14,560.86	4,74,356.37	6,49,206.18	6,47,449.72	6,17,195.18	5,88,059.34	5,56,013.19	5,22,248.84	4,88,950.60	4,54,229.30
9A	Depreciation Period	26.05.2011 to 22.06.2011	23.06.2011 to 07.09.2011	08.09.2011 to 12.09.2011	13.09.2011 to 31.03.2012	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
9B	Depreciation Period	28 Days	77 Days	5 Days	201 Days	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year	1 Year
9C	Depreciation (for the period)	609.59	3,437.02	340.19	18,657.53	34,848.97	35,087.12	35,395.42	35,568.93	35,662.42	35,784.90	35,840.00
10	Depreciation (annualised)											
11	Cumulative depreciation at the end of the period	609.59	4,046.61	4,386.80	23,044.33	57,893.30	92,980.41	1,28,375.84	1,63,944.77	1,99,607.19	2,35,392.09	2,71,232.09
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009/Station COD, whichever is later <sup>4</sup>											
13	Less: Cumulative depreciation adjustment on account of de-capitalisation											
14	Net Cumulative depreciation at the end of the period	609.59	4,046.61	4,386.80	23,044.33	57,893.30	92,980.41	1,28,375.84	1,63,944.77	1,99,607.19	2,35,392.09	2,71,232.09

Capital Cost has been reckoned on cash flow basis, therefore, Depreciation on account of undischarged liabilities is not calculated.



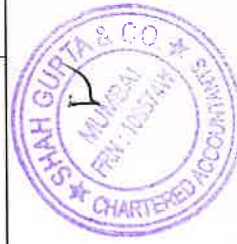
PETITIONER



Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>1</b>	<b>Allahabad Bank</b>								
	Gross loan - Opening	40,000.00	40,000.00	40,000.00	40,000.00	40,000.00			
	Cumulative repayments of Loans upto previous year	-	-	2,666.67	40,000.00	40,000.00			
	Net loan - Opening	40,000.00	40,000.00	37,333.33					
	Add: Drawal(s) during the Year	-	-	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	2,666.67	37,333.33					
	Net loan - Closing	40,000.00	37,333.33	-					
	Weighted Average Loan/Average Loan	34,082.19	38,326.94	35,375.34					
	Rate of Interest on Loan on annual basis	11.92%	12.00%	12.00%					
	Interest on loan	4,062.02	4,599.23	4,245.04					
<b>2</b>	<b>Indian Bank</b>								
	Gross loan - Opening	40,000.00	40000	40000	40,000.00	40,000.00			
	Cumulative repayments of Loans upto previous year	-	-	2,666.67	40,000.00	40,000.00			
	Net loan - Opening	40,000.00	40,000.00	37,333.33					
	Add: Drawal(s) during the Year	-	-	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	2,666.67	37,333.33					
	Net loan - Closing	40,000.00	37,333.33	-					
	Weighted Average Loan/Average Loan	34,082.19	38,326.94	35,375.34					
	Rate of Interest on Loan on annual basis	12.03%	12.00%	12.00%					
	Interest on loan	4,100.64	4,599.23	4,245.04					
<b>3</b>	<b>Punjab National Bank</b>								
	Gross loan - Opening	58,178.30	69,419.94	77,170.21	77,170.21	77,170.21			
	Cumulative repayments of Loans upto previous year	-	-	5,144.68	77,170.21	77,170.21			
	Net loan - Opening	58,178.30	69,419.94	72,025.53					
	Add: Drawal(s) during the Year	11,241.63	7,750.28	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	5,144.68	72,025.53					
	Net loan - Closing	69,419.94	72,025.53	-					
	Weighted Average Loan/Average Loan	55,865.34	71,483.52	68,248.07					
	Rate of Interest on Loan on annual basis	11.95%	12.07%	12.00%					
	Interest on loan	6,678.27	8,626.26	8,189.77					
<b>4</b>	<b>Union Bank of India</b>								
	Gross loan - Opening	10,000.00	12,010.00	14,073.00	14,073.00	14,073.00			
	Cumulative repayments of Loans upto previous year	-	-	938.20	14,073.00	14,073.00			
	Net loan - Opening	10,000.00	12,010.00	13,134.80					
	Add: Drawal(s) during the Year	2,010.00	2,063.00	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	938.20	13,134.80					
	Net loan - Closing	12,010.00	13,134.80	-					
	Weighted Average Loan/Average Loan	10,095.51	12,983.60	12,445.93					
	Rate of Interest on Loan on annual basis	11.91%	12.00%	12.00%					
	Interest on loan	1,201.89	1,558.03	1,493.51					
<b>5</b>	<b>Bank of India</b>								
	Gross loan - Opening	20,000.00	22,210.00	24,478.00	24,478.00	24,478.00			
	Cumulative repayments of Loans upto previous year	-	-	1,631.87	24,478.00	24,478.00			
	Net loan - Opening	20,000.00	22,210.00	22,846.13					
	Add: Drawal(s) during the Year	2,210.00	2,268.00	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	1,631.87	22,846.13					
	Net loan - Closing	22,210.00	22,846.13	-					
	Weighted Average Loan/Average Loan	18,639.56	22,903.64	21,647.94					
	Rate of Interest on Loan on annual basis	11.87%	12.00%	12.00%					
	Interest on loan	2,211.94	2,748.44	2,597.75					





Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>6</b>	<b>The Jammu and Kashmir Bank Ltd.</b>								
	Gross loan - Opening	10,000.00	11,086.00	12,199.00	12,199.00	12,199.00			
	Cumulative repayments of Loans upto previous year	-	-	813.27	12,199.00	12,199.00			
	Net loan - Opening	10,000.00	11,086.00	11,385.73					
	Add: Drawal(s) during the Year	1,086.00	1,113.00	-					
	Less: Repayments(s) of Loans during the year	-	813.27	11,385.73					
	Net loan - Closing	11,086.00	11,385.73	-					
	Weighted Average Loan/Average Loan	9,094.79	11,415.54	10,788.60					
	Rate of Interest on Loan on annual basis	11.97%	12.00%	12.00%					
	Interest on loan	1,088.25	1,369.86	1,294.63					
<b>7</b>	<b>Central Bank of India</b>								
	Gross loan - Opening	28,887.81	30,834.32	30,834.32	30,834.32	30,834.32			
	Cumulative repayments of Loans upto previous year	-	-	2,055.62	30,834.32	30,834.32			
	Net loan - Opening	28,887.81	30,834.32	28,778.69					
	Add: Drawal(s) during the Year	1,946.51	-	-					
	Less: Repayments(s) of Loans during the year	-	2,055.62	28,778.69					
	Net loan - Closing	30,834.32	28,778.69	-					
	Weighted Average Loan/Average Loan	25,555.54	29,544.62	27,269.36					
	Rate of Interest on Loan on annual basis	11.49%	12.00%	12.00%					
	Interest on loan	2,935.38	3,545.35	3,272.32					
<b>8</b>	<b>IDBI Bank</b>								
	Gross loan - Opening	15,000.00	16,649.00	18,339.00	18,339.00	18,339.00			
	Cumulative repayments of Loans upto previous year	-	-	1,222.60	18,339.00	18,339.00			
	Net loan - Opening	15,000.00	16,649.00	17,116.40					
	Add: Drawal(s) during the Year	1,649.00	1,690.00	-					
	Less: Repayments(s) of Loans during the year	-	1,222.60	17,116.40					
	Net loan - Closing	16,649.00	17,116.40	-					
	Weighted Average Loan/Average Loan	13,770.22	16,757.35	16,218.71					
	Rate of Interest on Loan on annual basis	12.07%	12.11%	12.00%					
	Interest on loan	1,662.65	2,029.36	1,946.25					
<b>9</b>	<b>ICICI Bank Ltd.</b>								
	Gross loan - Opening	69,999.57	78,041.57	86,288.57	86,288.57	86,288.57			
	Cumulative repayments of Loans upto previous year	-	-	5,752.57	86,288.57	86,288.57			
	Net loan - Opening	69,999.57	78,041.57	80,536.00					
	Add: Drawal(s) during the Year	8,042.00	8,247.00	-					
	Less: Repayments(s) of Loans during the year	-	5,752.57	80,536.00					
	Net loan - Closing	78,041.57	80,536.00	-					
	Weighted Average Loan/Average Loan	61,273.90	79,792.45	76,312.19					
	Rate of Interest on Loan on annual basis	12.58%	12.22%	12.26%					
	Interest on loan	7,709.61	9,747.50	9,355.01					
<b>10</b>	<b>SIDBI</b>								
	Gross loan - Opening	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00			
	Cumulative repayments of Loans upto previous year	-	-	1,000.00	15,000.00	15,000.00			
	Net loan - Opening	15,000.00	15,000.00	14,000.00					
	Add: Drawal(s) during the Year	-	-	-					
	Less: Repayments(s) of Loans during the year	-	1,000.00	14,000.00					
	Net loan - Closing	15,000.00	14,000.00	-					
	Weighted Average Loan/Average Loan	12,780.82	14,372.60	13,265.75					
	Rate of Interest on Loan on annual basis	11.91%	12.00%	12.00%					
	Interest on loan	1,522.35	1,724.71	1,591.89					



Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>11</b>	<b>Rural Electrification Corporation</b>								
	Gross loan - Opening	63,372.00	63,372.00	63,372.00	63,372.00	63,372.00			
	Cumulative repayments of Loans upto previous year	-	63,372.00	63,372.00	63,372.00	63,372.00			
	Net loan - Opening	63,372.00	-	-	-	-			
	Add: Drawal(s) during the Year	-	-	-	-	-			
	Less: Repayments(s) of Loans during the year	63,372.00	-	-	-	-			
	Net loan - Closing	-	-	-	-	-			
	Weighted Average Loan/Average Loan	45,315.32	-	-	-	-			
	Rate of Interest on Loan on annual basis	13.28%	-	-	-	-			
	Interest on loan	6,018.40	-	-	-	-			
<b>12</b>	<b>Infrastructure Development Finance Company Limited</b>								
	Gross loan - Opening	57,500.00	1,20,872.00	1,20,872.00	1,20,872.00	1,20,872.00			
	Cumulative repayments of Loans upto previous year	-	-	8,058.13	1,20,872.00	1,20,872.00			
	Net loan - Opening	57,500.00	1,20,872.00	1,12,813.87	-	-			
	Add: Drawal(s) during the Year	63,372.00	-	-	-	-			
	Less: Repayments(s) of Loans during the year	-	8,058.13	1,12,813.87	-	-			
	Net loan - Closing	1,20,872.00	1,12,813.87	-	-	-			
	Weighted Average Loan/Average Loan	57,847.87	1,15,847.86	1,06,897.21	-	-			
	Rate of Interest on Loan on annual basis	12.56%	12.59%	12.14%	-	-			
	Interest on loan	7,262.89	14,584.98	12,972.16	-	-			
<b>13</b>	<b>Allahabad Bank (Loan A)</b>								
	Gross loan - Opening	-	-	-	34,662.42	34,662.42			
	Cumulative repayments of Loans upto previous year	-	-	-	-	-			
	Net loan - Opening	-	-	-	34,662.42	34,662.42			
	Add: Drawal(s) during the Year	-	-	34,662.42	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	34,662.42			
	Net loan - Closing	-	-	34,662.42	34,662.42	17,331.21			
	Weighted Average Loan/Average Loan	-	-	284.90	-	-			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	36.32	4,419.46	2,209.73			
<b>14</b>	<b>Union Bank of India (Loan A)</b>								
	Gross loan - Opening	-	-	-	25,000.00	25,000.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	-			
	Net loan - Opening	-	-	-	25,000.00	25,000.00			
	Add: Drawal(s) during the Year	-	-	25,000.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	25,000.00			
	Net loan - Closing	-	-	25,000.00	25,000.00	12,500.00			
	Weighted Average Loan/Average Loan	-	-	205.48	-	-			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	26.20	3,187.50	1,593.75			
<b>15</b>	<b>ICICI Bank Ltd. (Loan A)</b>								
	Gross loan - Opening	-	-	-	22,938.00	22,938.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	-			
	Net loan - Opening	-	-	-	22,938.00	22,938.00			
	Add: Drawal(s) during the Year	-	-	22,938.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	22,938.00			
	Net loan - Closing	-	-	22,938.00	22,938.00	11,469.00			
	Weighted Average Loan/Average Loan	-	-	188.53	-	-			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	24.04	2,924.60	1,462.30			



Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>16</b>	<b>Indian Renewable Energy Development Agency Limited (IREDA) (Loan A)</b>								
	Gross loan - Opening	-	-	-	22,938.00	22,938.00	-	-	-
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	-	-
	Net loan - Opening	-	-	-	22,938.00	22,938.00	-	-	-
	Add: Drawal(s) during the Year	-	-	22,938.00	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	22,938.00	-	-	-
	Net loan - Closing	-	-	22,938.00	22,938.00	11,469.00	-	-	-
	Weighted Average Loan/Average Loan	-	-	188.53	22,938.00	11,469.00	-	-	-
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%	-	-	-
	Interest on loan	-	-	24.04	2,924.60	1,462.30	-	-	-
<b>17</b>	<b>L&amp;T Infrastructure Finance Company Limited (Loan A)</b>								
	Gross loan - Opening	-	-	-	22,900.00	22,900.00	-	-	-
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	-	-
	Net loan - Opening	-	-	-	22,900.00	22,900.00	-	-	-
	Add: Drawal(s) during the Year	-	-	22,900.00	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	22,900.00	-	-	-
	Net loan - Closing	-	-	22,900.00	22,900.00	11,450.00	-	-	-
	Weighted Average Loan/Average Loan	-	-	188.22	22,900.00	11,450.00	-	-	-
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%	-	-	-
	Interest on loan	-	-	24.00	2,919.75	1,459.88	-	-	-
<b>18</b>	<b>Life Insurance Corporation of India (LIC) (Loan A)</b>								
	Gross loan - Opening	-	-	-	37,500.00	37,500.00	-	-	-
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	-	-
	Net loan - Opening	-	-	-	37,500.00	37,500.00	-	-	-
	Add: Drawal(s) during the Year	-	-	37,500.00	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	37,500.00	-	-	-
	Net loan - Closing	-	-	37,500.00	37,500.00	18,750.00	-	-	-
	Weighted Average Loan/Average Loan	-	-	308.22	37,500.00	18,750.00	-	-	-
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%	-	-	-
	Interest on loan	-	-	39.30	4,781.25	2,390.63	-	-	-
<b>19</b>	<b>Power Finance Corporation Limited (PFC) (Loan A)</b>								
	Gross loan - Opening	-	-	-	1,15,000.00	1,15,000.00	-	-	-
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	-	-
	Net loan - Opening	-	-	-	1,15,000.00	1,15,000.00	-	-	-
	Add: Drawal(s) during the Year	-	-	1,15,000.00	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	1,15,000.00	-	-	-
	Net loan - Closing	-	-	1,15,000.00	1,15,000.00	57,500.00	-	-	-
	Weighted Average Loan/Average Loan	-	-	945.21	1,15,000.00	57,500.00	-	-	-
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%	-	-	-
	Interest on loan	-	-	120.51	14,662.50	7,331.25	-	-	-
<b>20</b>	<b>PTC Financial Services Limited (PFC) (Loan A)</b>								
	Gross loan - Opening	-	-	-	15,021.00	15,021.00	-	-	-
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	-	-
	Net loan - Opening	-	-	-	15,021.00	15,021.00	-	-	-
	Add: Drawal(s) during the Year	-	-	15,021.00	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	15,021.00	-	-	-
	Net loan - Closing	-	-	15,021.00	15,021.00	7,510.50	-	-	-
	Weighted Average Loan/Average Loan	-	-	123.46	15,021.00	7,510.50	-	-	-
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%	-	-	-
	Interest on loan	-	-	15.74	1,915.18	957.59	-	-	-



Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>21</b>	<b>Infrastructure Development Finance Company Limited (Loan A)</b>								
	Gross loan - Opening	-	-	-	1,19,335.89	1,19,335.89			
	Cumulative repayments of Loans upto previous year	-	-	-	-	-			
	Net loan - Opening	-	-	-	1,19,335.89	1,19,335.89			
	Add: Drawal(s) during the Year	-	-	1,19,335.89	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	1,19,335.89			
	Net loan - Closing	-	-	1,19,335.89	1,19,335.89	59,667.95			
	Weighted Average Loan/Average Loan	-	-	980.84	1,19,335.89	59,667.95			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	125.06	15,215.33	7,607.66			
<b>22</b>	<b>ICICI Bank Ltd. (Loan B)</b>								
	Gross loan - Opening	-	-	-	7,062.00	7,062.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	850.97			
	Net loan - Opening	-	-	-	7,062.00	6,211.03			
	Add: Drawal(s) during the Year	-	-	7,062.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	6,211.03			
	Net loan - Closing	-	-	7,062.00	6,636.51	3,105.51			
	Weighted Average Loan/Average Loan	-	-	58.04	12.75%	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	7.40	846.16	395.95			
<b>23</b>	<b>Indian Renewable Energy Development Agency Limited (IREDA) (Loan B)</b>								
	Gross loan - Opening	-	-	-	7,062.00	7,062.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	850.97			
	Net loan - Opening	-	-	-	7,062.00	6,211.03			
	Add: Drawal(s) during the Year	-	-	7,062.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	6,211.03			
	Net loan - Closing	-	-	7,062.00	6,636.51	3,105.51			
	Weighted Average Loan/Average Loan	-	-	58.04	12.75%	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	7.40	846.16	395.95			
<b>24</b>	<b>L&amp;T Infrastructure Finance Company Limited (Loan B)</b>								
	Gross loan - Opening	-	-	-	7,100.00	7,100.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	855.55			
	Net loan - Opening	-	-	-	7,100.00	6,244.45			
	Add: Drawal(s) during the Year	-	-	7,100.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	6,244.45			
	Net loan - Closing	-	-	7,100.00	6,244.45	3,122.23			
	Weighted Average Loan/Average Loan	-	-	58.36	12.75%	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	7.44	850.71	398.08			
<b>25</b>	<b>Life Insurance Corporation of India (LIC) (Loan B)</b>								
	Gross loan - Opening	-	-	-	12,500.00	12,500.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	1,506.25			
	Net loan - Opening	-	-	-	12,500.00	10,993.75			
	Add: Drawal(s) during the Year	-	-	12,500.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	-	10,993.75			
	Net loan - Closing	-	-	12,500.00	11,746.88	5,496.88			
	Weighted Average Loan/Average Loan	-	-	102.74	12.75%	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	13.10	1,497.73	700.85			



Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>26</b>	<b>Power Finance Corporation Limited (PFC) (Loan B)</b>								
	Gross loan - Opening	-	-	-	35,000.00	35,000.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	4,217.50			
	Net loan - Opening	-	-	-	35,000.00	30,782.50			
	Add: Drawal(s) during the Year	-	-	35,000.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	4,217.50	30,782.50			
	Net loan - Closing	-	-	35,000.00	30,782.50	15,391.25			
	Weighted Average Loan/Average Loan	-	-	287.67	32,891.25	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	36.68	4,193.63	1,962.38			
<b>27</b>	<b>PTC Financial Services Limited (PFC) (Loan B)</b>								
	Gross loan - Opening	-	-	-	4,979.00	4,979.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	599.97			
	Net loan - Opening	-	-	-	4,979.00	4,379.03			
	Add: Drawal(s) during the Year	-	-	4,979.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	599.97	4,379.03			
	Net loan - Closing	-	-	4,979.00	4,679.02	2,189.52			
	Weighted Average Loan/Average Loan	-	-	40.92	12.75%	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	5.22	596.57	279.16			
<b>28</b>	<b>Infrastructure Development Finance Company Limited (Loan B)</b>								
	Gross loan - Opening	-	-	-	43,997.00	43,997.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	5,301.64			
	Net loan - Opening	-	-	-	43,997.00	38,695.36			
	Add: Drawal(s) during the Year	-	-	43,997.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	5,301.64	38,695.36			
	Net loan - Closing	-	-	43,997.00	38,695.36	19,347.68			
	Weighted Average Loan/Average Loan	-	-	361.62	12.75%	12.75%			
	Rate of Interest on Loan on annual basis	-	-	12.75%	12.75%	12.75%			
	Interest on loan	-	-	46.11	5,271.64	2,466.83			
<b>29</b>	<b>IFCI Limited (Loan B)</b>								
	Gross loan - Opening	-	-	-	20,000.00	20,000.00			
	Cumulative repayments of Loans upto previous year	-	-	-	-	2,410.00			
	Net loan - Opening	-	-	-	20,000.00	17,590.00			
	Add: Drawal(s) during the Year	-	-	20,000.00	-	-			
	Less: Repayments(s) of Loans during the year	-	-	-	2,410.00	17,590.00			
	Net loan - Closing	-	-	20,000.00	18,795.00	8,795.00			
	Weighted Average Loan/Average Loan	-	-	164.38	13.75%	13.75%			
	Rate of Interest on Loan on annual basis	-	-	13.75%	13.75%	13.75%			
	Interest on loan	-	-	22.60	2,584.31	1,209.31			
	<b>Total Loan</b>								
	Gross loan - Opening	4,27,937.69	5,19,494.83	5,42,626.10	10,95,621.42	10,95,621.42			
	Cumulative repayments of Loans upto previous year	-	63,372.00	95,322.27	5,42,626.10	5,59,218.95			
	Net loan - Opening	4,27,937.69	4,56,122.83	4,47,303.83	5,52,995.32	5,36,402.47			
	Add: Drawal(s) during the Year	91,557.14	23,131.28	5,52,995.32	-	-			
	Less: Repayments(s) of Loans during the year	63,372.00	31,950.27	4,47,303.83	16,592.85	5,36,402.47			
	Net loan - Closing	4,56,122.83	4,47,303.83	5,52,995.32	5,36,402.47	-			
	Weighted Average Loan/Average Loan	3,78,403.25	4,51,755.06	4,28,389.62	5,44,698.89	2,68,201.23			
	Interest on loan	46,454.30	55,132.97	51,784.53	69,637.06	34,283.61			
	<b>Weighted average Rate of Interest on existing old Loans</b>	<b>12.276%</b>	<b>12.204%</b>	<b>12.088%</b>	<b>12.785%</b>	<b>12.780%</b>			



Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>30</b>	<b>State Bank of India (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	3,36,657.02	3,49,700.00	3,49,700.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	12,239.50	24,669.86
	Net loan - Opening	-	-	-	-	-	3,36,657.02	3,37,460.50	3,25,030.14
	Add: Drawal(s) during the Year	-	-	-	-	3,36,657.02	13,042.98	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	12,239.50	12,430.36	12,239.50
	Net loan - Closing	-	-	-	-	3,36,657.02	3,37,460.50	3,25,030.14	3,12,790.64
	Weighted Average Loan/Average Loan	-	-	-	-	1,68,328.51	3,37,058.76	3,31,245.32	3,18,910.39
	Rate of Interest on Loan on annual basis	-	-	-	-	10.46%	10.33%	9.62%	9.02%
	Interest on loan	-	-	-	-	17,610.24	34,832.03	31,862.49	28,772.76
<b>31</b>	<b>Syndicate Bank (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	37,225.00	59,700.00	59,700.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	2,089.50	6,441.00
	Net loan - Opening	-	-	-	-	-	37,225.00	57,610.50	53,259.00
	Add: Drawal(s) during the Year	-	-	-	-	37,225.00	22,475.00	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	2,089.50	4,351.50	2,089.50
	Net loan - Closing	-	-	-	-	37,225.00	57,610.50	53,259.00	51,169.50
	Weighted Average Loan/Average Loan	-	-	-	-	18,612.50	47,417.75	55,434.75	52,214.25
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.32%	9.63%	9.02%
	Interest on loan	-	-	-	-	1,945.01	4,895.03	5,336.40	4,710.92
<b>32</b>	<b>Central Bank of India (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	37,225.00	59,700.00	59,700.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	2,089.50	6,441.00
	Net loan - Opening	-	-	-	-	-	37,225.00	57,610.50	53,259.00
	Add: Drawal(s) during the Year	-	-	-	-	37,225.00	22,475.00	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	2,089.50	4,351.50	2,135.19
	Net loan - Closing	-	-	-	-	37,225.00	57,610.50	53,259.00	51,123.81
	Weighted Average Loan/Average Loan	-	-	-	-	18,612.50	47,417.75	55,434.75	52,191.41
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.39%	9.63%	9.02%
	Interest on loan	-	-	-	-	1,945.01	4,926.60	5,336.40	4,708.86
<b>33</b>	<b>Allahabad bank (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	24,817.00	39,800.00	39,800.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	1,393.00	4,294.00
	Net loan - Opening	-	-	-	-	-	24,817.00	38,407.00	35,506.00
	Add: Drawal(s) during the Year	-	-	-	-	24,817.00	14,983.00	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	1,393.00	2,901.00	1,393.00
	Net loan - Closing	-	-	-	-	24,817.00	38,407.00	35,506.00	34,113.00
	Weighted Average Loan/Average Loan	-	-	-	-	12,408.50	31,612.00	36,956.50	34,809.50
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.32%	9.63%	9.05%
<b>34</b>	<b>Vijaya Bank (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	24,817.00	39,799.97	39,799.97
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	1,393.00	6,700.00
	Net loan - Opening	-	-	-	-	-	24,817.00	38,406.97	33,099.97
	Add: Drawal(s) during the Year	-	-	-	-	24,817.00	14,982.97	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	1,393.00	5,307.00	1,413.61
	Net loan - Closing	-	-	-	-	24,817.00	38,406.97	33,099.97	31,686.36
	Weighted Average Loan/Average Loan	-	-	-	-	12,408.50	31,611.99	35,753.47	32,393.17
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.32%	9.64%	9.05%
	Interest on loan	-	-	-	-	1,296.69	3,263.37	3,445.72	2,931.46



Sl. no.	Particulars	2011-12 (26.05.11 to 31.03.12)	2012-13 (01.04.12 to 31.03.13)	2013-14 (01.04.13 to 31.03.14)	2014-15 (01.04.14 to 31.03.15)	2015-16 (01.04.15 to 31.03.16)	2016-17 (01.04.16 to 31.03.17)	2017-18 (01.04.17 to 31.03.18)	2018-19 (01.04.18 to 31.03.19)
1	2	3	4	5	6	7	8	9	10
<b>35</b>	<b>L &amp; T Infra (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	24,817.00	39,800.00	39,800.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	1,393.00	39,800.00
	Net loan - Opening	-	-	-	-	-	24,817.00	38,407.00	-
	Add: Drawal(s) during the Year	-	-	-	-	24,817.00	14,983.00	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	1,393.00	38,407.00	-
	Net loan - Closing	-	-	-	-	24,817.00	38,407.00	19,203.50	-
	Weighted Average Loan/Average Loan	-	-	-	-	10.45%	10.32%	9.97%	0.00%
	Rate of Interest on Loan on annual basis	-	-	-	-	1,296.69	3,263.41	1,915.29	-
	Interest on loan	-	-	-	-	-	-	-	-
<b>36</b>	<b>Punjab National Bank (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	19,766.00	31,700.00	31,700.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	1,109.50	4,379.00
	Net loan - Opening	-	-	-	-	-	19,766.00	30,590.50	27,321.00
	Add: Drawal(s) during the Year	-	-	-	-	19,766.00	11,934.00	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	1,109.50	3,269.50	1,157.14
	Net loan - Closing	-	-	-	-	19,766.00	30,590.50	27,321.00	26,163.86
	Weighted Average Loan/Average Loan	-	-	-	-	9,883.00	25,178.25	28,955.75	26,742.43
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.32%	9.63%	9.06%
	Interest on loan	-	-	-	-	1,032.77	2,599.20	2,788.75	2,423.95
<b>37</b>	<b>Axis Bank (refinance loan)</b>								
	Gross loan - Opening	-	-	-	-	-	14,902.00	23,842.00	23,842.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	836.50	2,578.00
	Net loan - Opening	-	-	-	-	-	14,902.00	23,005.50	21,264.00
	Add: Drawal(s) during the Year	-	-	-	-	14,902.00	8,940.00	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	836.50	1,741.50	836.50
	Net loan - Closing	-	-	-	-	14,902.00	23,005.50	21,264.00	20,427.50
	Weighted Average Loan/Average Loan	-	-	-	-	7,451.00	18,953.75	22,134.75	20,845.75
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.32%	9.63%	9.02%
	Interest on loan	-	-	-	-	778.63	1,956.67	2,130.80	1,880.68
<b>38</b>	<b>State Bank of India (refinance loan) - formerly State Bank of Hyderabad</b>								
	Gross loan - Opening	-	-	-	-	-	9,915.13	15,900.00	15,900.00
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	556.50	15,900.00
	Net loan - Opening	-	-	-	-	-	9,915.13	15,343.50	-
	Add: Drawal(s) during the Year	-	-	-	-	9,915.13	5,984.87	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	556.50	15,343.50	-
	Net loan - Closing	-	-	-	-	9,915.13	15,343.50	7,671.75	-
	Weighted Average Loan/Average Loan	-	-	-	-	4,957.56	12,629.31	9.93%	-
	Rate of Interest on Loan on annual basis	-	-	-	-	10.45%	10.32%	-	-
	Interest on loan	-	-	-	-	518.07	1,303.75	761.44	-
	<b>Total Refinance Loan (Sr. no. 30 to 38)</b>								
	Gross loan - Opening	-	-	-	-	-	5,30,141.15	6,59,941.97	6,59,941.97
	Cumulative repayments of Loans upto previous year	-	-	-	-	-	-	23,100.00	1,11,202.86
	Net loan - Opening	-	-	-	-	-	5,30,141.15	6,36,841.97	5,48,739.11
	Add: Drawal(s) during the Year	-	-	-	-	5,30,141.15	1,29,800.82	-	-
	Less: Repayments(s) of Loans during the year	-	-	-	-	-	23,100.00	88,102.86	21,264.43
	Net loan - Closing	-	-	-	-	5,30,141.15	6,36,841.97	5,48,739.11	5,27,474.68
	Weighted Average Loan/Average Loan	-	-	-	-	2,65,070.58	5,83,491.56	5,92,790.54	5,38,106.89
	Rate of Interest on Loan on annual basis	-	-	-	-	27,719.79	60,303.42	57,134.88	48,577.28
	<b>Weighted average Rate of Interest on Refinanced Loans</b>					<b>10.458%</b>	<b>10.335%</b>	<b>9.638%</b>	<b>9.027%</b>
	<b>Effective interest rate for True up</b>				<b>12.785%</b>	<b>11.652%</b>	<b>10.335%</b>	<b>9.638%</b>	<b>9.027%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	Allahabad Bank	RTL	34082,19,178	4062,01,860	11.92%	Appendix-1 to Enclosure - 1 to Form 13
2	Indian Bank	RTL	34082,19,178	4100,64,103	12.03%	Appendix-2 to Enclosure - 1 to Form 13
3	Punjab National Bank	RTL	55865,33,509	6678,27,296	11.95%	Appendix-3 to Enclosure - 1 to Form 13
4	Union Bank of India	RTL	10095,50,685	1201,88,654	11.91%	Appendix-4 to Enclosure - 1 to Form 13
5	Bank of India	RTL	18639,56,164	2211,93,841	11.87%	Appendix-5 to Enclosure - 1 to Form 13
6	The Jammu and Kashmir Bank Ltd.	RTL	9094,78,904	1088,24,773	11.97%	Appendix-6 to Enclosure - 1 to Form 13
7	Central Bank of India	RTL	25555,53,705	2935,38,423	11.49%	Appendix-7 to Enclosure - 1 to Form 13
8	I D B I Bank	RTL	13770,22,192	1662,65,034	12.07%	Appendix-8 to Enclosure - 1 to Form 13
9	ICICI Bank Ltd.	RTL	61273,90,332	7709,61,177	12.58%	Appendix-9 to Enclosure - 1 to Form 13
10	SIDBI	RTL	12780,82,192	1522,35,288	11.91%	Appendix-10 to Enclosure - 1 to Form 13
11	Rural Electrification Corporation	RTL	45315,32,055	6018,39,972	13.28%	Appendix-11 to Enclosure - 1 to Form 13
12	Infrastructure Development Finance Company Limited	RTL	57847,86,849	7262,89,307	12.56%	Appendix-12 to Enclosure - 1 to Form 13
	<b>Total</b>		<b>378403,24,943</b>	<b>46454,29,727</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)		378403,24,943	46454,29,727		378403,24,943
	Total interest (Rs.)					46454,29,727
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>12.2764%</b>



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

Allahabad Bank

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
30-Jun-06	2580,00,000	26-May-11	29-Jun-11	35	9.75%	247,39,726	24,12,123
30-Jun-11	2580,00,000	30-Jun-11	31-Mar-12	276	12.00%	1950,90,411	234,10,849
27-Sep-07	2506,00,000	26-May-11	29-Jun-11	35	11.75%	240,30,137	28,23,541
30-Jun-11	2506,00,000	30-Jun-11	31-Mar-12	276	12.00%	1894,94,795	227,39,375
28-Mar-08	2551,00,000	26-May-11	29-Jun-11	35	11.75%	244,61,644	28,74,243
30-Jun-11	2551,00,000	30-Jun-11	31-Mar-12	276	12.00%	1928,97,534	231,47,704
13-Jun-08	3061,00,000	26-May-11	29-Jun-11	35	11.50%	293,52,055	33,75,486
30-Jun-11	3061,00,000	30-Jun-11	31-Mar-12	276	12.00%	2314,61,918	277,75,430
3-Nov-08	5102,00,000	26-May-11	29-Jun-11	35	12.50%	489,23,288	61,15,411
30-Jun-11	5102,00,000	30-Jun-11	31-Mar-12	276	12.00%	3857,95,068	462,95,408
31-Dec-08	4082,00,000	26-May-11	29-Jun-11	35	11.75%	391,42,466	45,99,240
30-Jun-11	4082,00,000	30-Jun-11	31-Mar-12	276	12.00%	3086,66,301	370,39,956
26-Mar-09	2041,00,000	26-May-11	29-Jun-11	35	11.00%	195,71,233	21,52,836
30-Jun-11	2041,00,000	30-Jun-11	31-Mar-12	276	12.00%	1543,33,151	185,19,978
30-Jun-09	1276,00,000	26-May-11	29-Jun-11	35	10.75%	122,35,616	13,15,329
30-Jun-11	1276,00,000	30-Jun-11	31-Mar-12	276	12.00%	964,86,575	115,78,389
25-Sep-09	2347,00,000	26-May-11	29-Jun-11	35	10.50%	225,05,479	23,63,075
30-Jun-11	2347,00,000	30-Jun-11	31-Mar-12	276	12.00%	1774,71,781	212,96,614
23-Dec-09	1224,00,000	26-May-11	29-Jun-11	35	10.50%	117,36,986	12,32,384
30-Jun-11	1224,00,000	30-Jun-11	31-Mar-12	276	12.00%	925,54,521	111,06,542
5-Mar-10	4590,00,000	26-May-11	29-Jun-11	35	10.30%	440,13,699	45,33,411
30-Jun-11	4590,00,000	30-Jun-11	31-Mar-12	276	12.00%	3470,79,452	416,49,534
25-Jun-10	2551,00,000	26-May-11	29-Jun-11	35	10.50%	244,61,644	25,68,473
30-Jun-11	2551,00,000	30-Jun-11	31-Mar-12	276	12.00%	1928,97,534	231,47,704
30-Nov-10	2295,00,000	26-May-11	29-Jun-11	35	11.00%	220,06,849	24,20,753
30-Jun-11	2295,00,000	30-Jun-11	31-Mar-12	276	12.00%	1735,39,726	208,24,767
24-Mar-11	3794,00,000	26-May-11	29-Jun-11	35	12.25%	363,80,822	44,56,651
30-Jun-11	3794,00,000	30-Jun-11	31-Mar-12	276	12.00%	2868,88,767	344,26,652
						<b>34082,19,178</b>	<b>4062,01,860</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

Indian Bank

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
30-Jun-06	2580,00,000	26-May-11	29-Jun-11	35	10.00%	247,39,726	24,73,973
30-Jun-11	2580,00,000	30-Jun-11	25-Nov-11	149	12.25%	1053,20,548	129,01,767
26-Nov-11	2580,00,000	26-Nov-11	31-Mar-12	127	12.00%	897,69,863	107,72,384
8-Sep-07	2506,00,000	26-May-11	29-Jun-11	35	11.00%	240,30,137	26,43,315
30-Jun-11	2506,00,000	30-Jun-11	25-Nov-11	149	12.25%	1022,99,726	125,31,716
26-Nov-11	2506,00,000	26-Nov-11	31-Mar-12	127	12.00%	871,95,068	104,63,408
3-Mar-08	2551,00,000	26-May-11	29-Jun-11	35	11.00%	244,61,644	26,90,781
30-Jun-11	2551,00,000	30-Jun-11	25-Nov-11	149	12.25%	1041,36,712	127,56,747
26-Nov-11	2551,00,000	26-Nov-11	31-Mar-12	127	12.00%	887,60,822	106,51,299
7-Jun-08	3061,00,000	26-May-11	29-Jun-11	35	11.00%	293,52,055	32,28,726
30-Jun-11	3061,00,000	30-Jun-11	25-Nov-11	149	12.25%	1249,55,890	153,07,097
26-Nov-11	3061,00,000	26-Nov-11	31-Mar-12	127	12.00%	1065,06,027	127,80,723
8-Nov-08	5102,00,000	26-May-11	29-Jun-11	35	12.50%	489,23,288	61,15,411
30-Jun-11	5102,00,000	30-Jun-11	25-Nov-11	149	12.25%	2082,73,425	255,13,495
26-Nov-11	5102,00,000	26-Nov-11	31-Mar-12	127	12.00%	1775,21,644	213,02,597
29-Dec-08	4082,00,000	26-May-11	29-Jun-11	35	11.75%	391,42,466	45,99,240
30-Jun-11	4082,00,000	30-Jun-11	25-Nov-11	149	12.25%	1666,35,068	204,12,796
26-Nov-11	4082,00,000	26-Nov-11	31-Mar-12	127	12.00%	1420,31,233	170,43,748
31-Mar-09	2041,00,000	26-May-11	29-Jun-11	35	11.00%	195,71,233	21,52,836
30-Jun-11	2041,00,000	30-Jun-11	25-Nov-11	149	12.25%	833,17,534	102,06,398
26-Nov-11	2041,00,000	26-Nov-11	31-Mar-12	127	12.00%	710,15,616	85,21,874
30-Jun-09	1276,00,000	26-May-11	29-Jun-11	35	11.00%	122,35,616	13,45,918
30-Jun-11	1276,00,000	30-Jun-11	25-Nov-11	149	12.25%	520,88,767	63,80,874
26-Nov-11	1276,00,000	26-Nov-11	31-Mar-12	127	12.00%	443,97,808	53,27,737
25-Sep-09	2347,00,000	26-May-11	29-Jun-11	35	10.50%	225,05,479	23,63,075
30-Jun-11	2347,00,000	30-Jun-11	25-Nov-11	149	12.25%	958,09,041	117,36,608
26-Nov-11	2347,00,000	26-Nov-11	31-Mar-12	127	12.00%	816,62,740	97,99,529
31-Dec-09	1224,00,000	26-May-11	29-Jun-11	35	10.50%	117,36,986	12,32,384
30-Jun-11	1224,00,000	30-Jun-11	25-Nov-11	149	12.25%	499,66,027	61,20,838
26-Nov-11	1224,00,000	26-Nov-11	31-Mar-12	127	12.00%	425,88,493	51,10,619
5-Mar-10	4590,00,000	26-May-11	29-Jun-11	35	10.50%	440,13,699	46,21,438
30-Jun-11	4590,00,000	30-Jun-11	25-Nov-11	149	12.25%	1873,72,603	229,53,144
26-Nov-11	4590,00,000	26-Nov-11	31-Mar-12	127	12.00%	1597,06,849	191,64,822
25-Jun-10	2551,00,000	26-May-11	29-Jun-11	35	10.50%	244,61,644	25,68,473
30-Jun-11	2551,00,000	30-Jun-11	25-Nov-11	149	12.25%	1041,36,712	127,56,747
26-Nov-11	2551,00,000	26-Nov-11	31-Mar-12	127	12.00%	887,60,822	106,51,299
6-Dec-10	2295,00,000	26-May-11	29-Jun-11	35	11.50%	220,06,849	25,30,788
30-Jun-11	2295,00,000	30-Jun-11	25-Nov-11	149	12.25%	936,86,301	114,76,572
26-Nov-11	2295,00,000	26-Nov-11	31-Mar-12	127	12.00%	798,53,425	95,82,411
24-Mar-11	3794,00,000	26-May-11	29-Jun-11	35	12.25%	363,80,822	44,56,651
30-Jun-11	3794,00,000	30-Jun-11	25-Nov-11	149	12.25%	1548,78,356	189,72,599
26-Nov-11	3794,00,000	26-Nov-11	31-Mar-12	127	12.00%	1320,10,411	158,41,249
						<b>34082,19,178</b>	<b>4100,64,103</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

Punjab National Bank

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
30-Jun-06	4516,00,000	26-May-11	29-Jun-11	35	9.50%	433,04,110	41,13,890
30-Jun-11	4516,00,000	30-Jun-11	31-Mar-12	276	12.00%	3414,83,836	409,78,060
19-Sep-07	4384,00,000	26-May-11	29-Jun-11	35	11.25%	420,38,356	47,29,315
30-Jun-11	4384,00,000	30-Jun-11	31-Mar-12	276	12.00%	3315,02,466	397,80,296
1-Sep-08	4464,00,000	26-May-11	29-Jun-11	35	12.25%	428,05,479	52,43,671
30-Jun-11	4464,00,000	30-Jun-11	31-Mar-12	276	12.00%	3375,51,781	405,06,214
1-Sep-08	5357,00,000	26-May-11	29-Jun-11	35	12.25%	513,68,493	62,92,640
30-Jun-11	5357,00,000	30-Jun-11	31-Mar-12	276	12.00%	4050,77,260	486,09,271
22-Jan-09	33,00,240	26-May-11	29-Jun-11	35	10.25%	3,16,461	32,437
30-Jun-11	33,00,240	30-Jun-11	31-Mar-12	276	12.00%	24,95,524	2,99,463
28-Jan-09	20,62,650	26-May-11	29-Jun-11	35	10.25%	1,97,788	20,273
30-Jun-11	20,62,650	30-Jun-11	31-Mar-12	276	12.00%	15,59,702	1,87,164
10-Feb-09	20,62,650	26-May-11	29-Jun-11	35	10.25%	1,97,788	20,273
30-Jun-11	20,62,650	30-Jun-11	31-Mar-12	276	12.00%	15,59,702	1,87,164
24-Feb-09	20,62,650	26-May-11	29-Jun-11	35	10.25%	1,97,788	20,273
30-Jun-11	20,62,650	30-Jun-11	31-Mar-12	276	12.00%	15,59,702	1,87,164
3-Mar-09	20,62,650	26-May-11	29-Jun-11	35	10.25%	1,97,788	20,273
30-Jun-11	20,62,650	30-Jun-11	31-Mar-12	276	12.00%	15,59,702	1,87,164
13-Apr-09	69,39,082	26-May-11	29-Jun-11	35	10.25%	6,65,391	68,203
30-Jun-11	69,39,082	30-Jun-11	31-Mar-12	276	12.00%	52,47,087	6,29,650
9-Jun-09	59,09,751	26-May-11	29-Jun-11	35	10.25%	5,66,688	58,086
30-Jun-11	59,09,751	30-Jun-11	31-Mar-12	276	12.00%	44,68,743	5,36,249
17-Aug-09	23,48,057	26-May-11	29-Jun-11	35	10.25%	2,25,156	23,079
30-Jun-11	23,48,057	30-Jun-11	31-Mar-12	276	12.00%	17,75,517	2,13,062
21-Aug-09	58,40,608	26-May-11	29-Jun-11	35	10.25%	5,60,058	57,406
30-Jun-11	58,40,608	30-Jun-11	31-Mar-12	276	12.00%	44,16,460	5,29,975
2-Sep-09	3000,00,000	26-May-11	29-Jun-11	35	10.25%	287,67,123	29,48,630
30-Jun-11	3000,00,000	30-Jun-11	31-Mar-12	276	12.00%	2268,49,315	272,21,918
11-Sep-09	199,40,399	26-May-11	29-Jun-11	35	10.25%	19,12,093	1,95,990
30-Jun-11	199,40,399	30-Jun-11	31-Mar-12	276	12.00%	150,78,220	18,09,386
17-Sep-09	48,00,000	26-May-11	29-Jun-11	35	10.25%	4,60,274	47,178
30-Jun-11	48,00,000	30-Jun-11	31-Mar-12	276	12.00%	36,29,589	4,35,551
18-Sep-09	14,95,000	26-May-11	29-Jun-11	35	10.25%	1,43,356	14,694
30-Jun-11	14,95,000	30-Jun-11	31-Mar-12	276	12.00%	11,30,466	1,35,656
22-Sep-09	343,36,079	26-May-11	29-Jun-11	35	10.25%	32,92,501	3,37,481
30-Jun-11	343,36,079	30-Jun-11	31-Mar-12	276	12.00%	259,63,720	31,15,646
17-Nov-09	59,78,900	26-May-11	29-Jun-11	35	10.25%	5,73,319	58,765
30-Jun-11	59,78,900	30-Jun-11	31-Mar-12	276	12.00%	45,21,031	5,42,524
18-Nov-09	111,36,847	26-May-11	29-Jun-11	35	10.25%	10,67,917	1,09,461
30-Jun-11	111,36,847	30-Jun-11	31-Mar-12	276	12.00%	84,21,287	10,10,554
19-Nov-09	25,28,730	26-May-11	29-Jun-11	35	10.25%	2,42,481	24,854
30-Jun-11	25,28,730	30-Jun-11	31-Mar-12	276	12.00%	19,12,136	2,29,456
19-Nov-09	23,48,058	26-May-11	29-Jun-11	35	10.25%	2,25,156	23,079
30-Jun-11	23,48,058	30-Jun-11	31-Mar-12	276	12.00%	17,75,518	2,13,062
24-Nov-09	111,36,847	26-May-11	29-Jun-11	35	10.25%	10,67,917	1,09,461
30-Jun-11	111,36,847	30-Jun-11	31-Mar-12	276	12.00%	84,21,287	10,10,554
26-Nov-09	66,80,000	26-May-11	29-Jun-11	35	10.25%	6,40,548	65,656
30-Jun-11	66,80,000	30-Jun-11	31-Mar-12	276	12.00%	50,51,178	6,06,141
2-Dec-09	9,88,000	26-May-11	29-Jun-11	35	10.25%	94,740	9,711
30-Jun-11	9,88,000	30-Jun-11	31-Mar-12	276	12.00%	7,47,090	89,651
2-Dec-09	284,48,801	26-May-11	29-Jun-11	35	10.25%	27,27,967	2,79,617
30-Jun-11	284,48,801	30-Jun-11	31-Mar-12	276	12.00%	215,11,970	25,81,436
4-Dec-09	39,65,000	26-May-11	29-Jun-11	35	10.25%	3,80,205	38,971
30-Jun-11	39,65,000	30-Jun-11	31-Mar-12	276	12.00%	29,98,192	3,59,783
11-Dec-09	60,79,819	26-May-11	29-Jun-11	35	10.25%	5,82,996	59,757
30-Jun-11	60,79,819	30-Jun-11	31-Mar-12	276	12.00%	45,97,343	5,51,681
11-Dec-09	13,29,915	26-May-11	29-Jun-11	35	10.25%	1,27,526	13,071
30-Jun-11	13,29,915	30-Jun-11	31-Mar-12	276	12.00%	10,05,634	1,20,676
22-Dec-09	185,00,000	26-May-11	29-Jun-11	35	10.25%	17,73,973	1,81,832
30-Jun-11	185,00,000	30-Jun-11	31-Mar-12	276	12.00%	139,89,041	16,78,685
31-Dec-09	25,28,731	26-May-11	29-Jun-11	35	10.25%	2,42,481	24,854
30-Jun-11	25,28,731	30-Jun-11	31-Mar-12	276	12.00%	19,12,136	2,29,456
31-Dec-09	199,40,399	26-May-11	29-Jun-11	35	10.25%	19,12,136	1,95,989
30-Jun-11	199,40,399	30-Jun-11	31-Mar-12	276	12.00%	150,78,213	18,09,386



6-Jan-10	15,72,865	26-May-11	29-Jun-11	35	10.25%	1,50,823	15,459
30-Jun-11	15,72,865	30-Jun-11	31-Mar-12	276	12.00%	11,89,344	1,42,721
19-Jan-10	199,40,390	26-May-11	29-Jun-11	35	10.25%	19,12,092	1,95,989
30-Jun-11	199,40,390	30-Jun-11	31-Mar-12	276	12.00%	150,78,213	18,09,386
19-Jan-10	61,92,909	26-May-11	29-Jun-11	35	10.25%	5,93,841	60,869
30-Jun-11	61,92,909	30-Jun-11	31-Mar-12	276	12.00%	46,82,857	5,61,943
20-Jan-10	2301,32,115	26-May-11	29-Jun-11	35	10.25%	220,67,463	22,61,915
30-Jun-11	2301,32,115	30-Jun-11	31-Mar-12	276	12.00%	1740,17,709	208,82,125
1-Feb-10	1006,43,629	26-May-11	29-Jun-11	35	10.25%	96,50,759	9,89,203
30-Jun-11	1006,43,629	30-Jun-11	31-Mar-12	276	12.00%	761,03,128	91,32,375
3-Feb-10	7,17,425	26-May-11	29-Jun-11	35	10.25%	68,794	7,051
30-Jun-11	7,17,425	30-Jun-11	31-Mar-12	276	12.00%	5,42,491	65,099
3-Feb-10	43,01,461	26-May-11	29-Jun-11	35	10.25%	4,12,469	42,278
30-Jun-11	43,01,461	30-Jun-11	31-Mar-12	276	12.00%	32,52,612	3,90,313
4-Feb-10	343,36,079	26-May-11	29-Jun-11	35	10.25%	32,92,501	3,37,481
30-Jun-11	343,36,079	30-Jun-11	31-Mar-12	276	12.00%	259,63,720	31,15,646
6-Feb-10	111,41,556	26-May-11	29-Jun-11	35	10.25%	10,68,368	1,09,508
30-Jun-11	111,41,556	30-Jun-11	31-Mar-12	276	12.00%	84,24,848	10,10,982
10-Feb-10	336,12,754	26-May-11	29-Jun-11	35	10.25%	32,23,141	3,30,372
30-Jun-11	336,12,754	30-Jun-11	31-Mar-12	276	12.00%	254,16,767	30,50,012
11-Feb-10	23,48,058	26-May-11	29-Jun-11	35	10.25%	2,25,156	23,079
30-Jun-11	23,48,058	30-Jun-11	31-Mar-12	276	12.00%	17,75,518	2,13,062
23-Feb-10	329,44,000	26-May-11	29-Jun-11	35	10.25%	31,59,014	3,23,799
30-Jun-11	329,44,000	30-Jun-11	31-Mar-12	276	12.00%	249,11,079	29,89,330
3-Mar-10	34,19,736	26-May-11	29-Jun-11	35	10.25%	3,27,920	33,612
30-Jun-11	34,19,736	30-Jun-11	31-Mar-12	276	12.00%	25,85,883	3,10,306
4-Mar-10	41,92,725	26-May-11	29-Jun-11	35	10.25%	4,02,042	41,209
30-Jun-11	41,92,725	30-Jun-11	31-Mar-12	276	12.00%	31,70,389	3,80,447
23-Mar-10	1925,55,032	26-May-11	29-Jun-11	35	10.25%	184,64,181	18,92,579
30-Jun-11	1925,55,032	30-Jun-11	31-Mar-12	276	12.00%	1456,03,257	174,72,391
26-Mar-10	144,88,789	26-May-11	29-Jun-11	35	10.25%	13,89,336	1,42,407
30-Jun-11	144,88,789	30-Jun-11	31-Mar-12	276	12.00%	109,55,906	13,14,709
7-Apr-10	846,33,214	26-May-11	29-Jun-11	35	10.25%	81,15,514	8,31,840
30-Jun-11	846,33,214	30-Jun-11	31-Mar-12	276	12.00%	639,96,622	76,79,595
8-Apr-10	495,89,536	26-May-11	29-Jun-11	35	10.25%	47,55,161	4,87,404
30-Jun-11	495,89,536	30-Jun-11	31-Mar-12	276	12.00%	374,97,841	44,99,741
13-Apr-10	127,41,711	26-May-11	29-Jun-11	35	10.25%	12,21,808	1,25,235
30-Jun-11	127,41,711	30-Jun-11	31-Mar-12	276	12.00%	96,34,828	11,56,179
13-Apr-10	12,88,508	26-May-11	29-Jun-11	35	10.25%	1,23,556	12,664
30-Jun-11	12,88,508	30-Jun-11	31-Mar-12	276	12.00%	9,74,324	1,16,919
15-Apr-10	1283,82,178	26-May-11	29-Jun-11	35	10.25%	123,10,620	12,61,839
30-Jun-11	1283,82,178	30-Jun-11	31-Mar-12	276	12.00%	970,78,030	116,49,364
20-Apr-10	348,13,137	26-May-11	29-Jun-11	35	10.25%	33,38,246	3,42,170
30-Jun-11	348,13,137	30-Jun-11	31-Mar-12	276	12.00%	263,24,454	31,58,935
23-Apr-10	253,43,190	26-May-11	29-Jun-11	35	10.25%	24,30,169	2,49,092
30-Jun-11	253,43,190	30-Jun-11	31-Mar-12	276	12.00%	191,63,618	22,99,634
26-Apr-10	119,45,033	26-May-11	29-Jun-11	35	10.25%	11,45,414	1,17,405
30-Jun-11	119,45,033	30-Jun-11	31-Mar-12	276	12.00%	90,32,409	10,83,889
28-Apr-10	42,149	26-May-11	29-Jun-11	35	10.25%	4,042	414
30-Jun-11	42,149	30-Jun-11	31-Mar-12	276	12.00%	31,872	3,825
29-Apr-10	555,27,139	26-May-11	29-Jun-11	35	10.25%	53,24,520	5,45,763
30-Jun-11	555,27,139	30-Jun-11	31-Mar-12	276	12.00%	419,87,645	50,38,517
30-Apr-10	1408,13,981	26-May-11	29-Jun-11	35	10.25%	135,02,711	13,84,028
30-Jun-11	1408,13,981	30-Jun-11	31-Mar-12	276	12.00%	1064,78,517	127,77,422
6-May-10	77,08,200	26-May-11	29-Jun-11	35	10.25%	7,39,142	75,762
30-Jun-11	77,08,200	30-Jun-11	31-Mar-12	276	12.00%	58,28,666	6,99,440
10-May-10	239,60,118	26-May-11	29-Jun-11	35	10.25%	22,97,546	2,35,498
30-Jun-11	239,60,118	30-Jun-11	31-Mar-12	276	12.00%	181,17,788	21,74,135
11-May-10	22,27,662	26-May-11	29-Jun-11	35	10.25%	2,13,611	21,895
30-Jun-11	22,27,662	30-Jun-11	31-Mar-12	276	12.00%	16,84,479	2,02,137
14-May-10	561,70,106	26-May-11	29-Jun-11	35	10.25%	53,86,175	5,52,083
30-Jun-11	561,70,106	30-Jun-11	31-Mar-12	276	12.00%	424,73,834	50,96,860
25-May-10	49,50,360	26-May-11	29-Jun-11	35	10.25%	4,74,692	48,656
30-Jun-11	49,50,360	30-Jun-11	31-Mar-12	276	12.00%	37,43,286	4,49,194
28-May-10	41,59,435	26-May-11	29-Jun-11	35	10.25%	3,98,850	40,882
30-Jun-11	41,59,435	30-Jun-11	31-Mar-12	276	12.00%	31,45,217	3,77,426
29-May-10	222,43,315	26-May-11	29-Jun-11	35	10.25%	21,32,921	2,18,624
30-Jun-11	222,43,315	30-Jun-11	31-Mar-12	276	12.00%	168,19,603	20,18,352
1-Jun-10	56,29,570	26-May-11	29-Jun-11	35	10.25%	5,39,822	55,332
30-Jun-11	56,29,570	30-Jun-11	31-Mar-12	276	12.00%	42,56,880	5,10,826
10-Jun-10	20,13,159	26-May-11	29-Jun-11	35	10.25%	1,93,043	19,787
30-Jun-11	20,13,159	30-Jun-11	31-Mar-12	276	12.00%	15,22,279	1,82,674
11-Jun-10	16,66,069	26-May-11	29-Jun-11	35	10.25%	1,59,760	16,375
30-Jun-11	16,66,069	30-Jun-11	31-Mar-12	276	12.00%	12,59,822	1,51,179
11-Jun-10	885,28,418	26-May-11	29-Jun-11	35	10.25%	84,89,026	8,70,125
30-Jun-11	885,28,418	30-Jun-11	31-Mar-12	276	12.00%	669,42,037	80,33,044
22-Jun-10	1017,40,956	26-May-11	29-Jun-11	35	10.25%	97,55,982	9,99,988
30-Jun-11	1017,40,956	30-Jun-11	31-Mar-12	276	12.00%	769,32,887	92,31,946
24-Jun-10	1803,18,682	26-May-11	29-Jun-11	35	10.25%	172,90,833	17,72,310
30-Jun-11	1803,18,682	30-Jun-11	31-Mar-12	276	12.00%	1363,50,565	163,62,068



29-Jun-10	112,30,989	26-May-11	29-Jun-11	35	10.25%	10,76,944	1,10,387
30-Jun-11	112,30,989	30-Jun-11	31-Mar-12	276	12.00%	84,92,474	10,19,097
1-Jul-10	321,24,840	26-May-11	29-Jun-11	35	10.25%	30,80,464	3,15,748
30-Jun-11	321,24,840	30-Jun-11	31-Mar-12	276	12.00%	242,91,660	29,14,999
13-Jul-10	2,17,937	26-May-11	29-Jun-11	35	10.25%	20,898	2,142
30-Jun-11	2,17,937	30-Jun-11	31-Mar-12	276	12.00%	1,64,796	19,776
20-Jul-10	1,03,972	26-May-11	29-Jun-11	35	10.25%	9,970	1,022
30-Jun-11	1,03,972	30-Jun-11	31-Mar-12	276	12.00%	78,620	9,434
29-Jul-10	38,69,764	26-May-11	29-Jun-11	35	10.25%	3,71,073	38,035
30-Jun-11	38,69,764	30-Jun-11	31-Mar-12	276	12.00%	29,26,178	3,51,141
2-Aug-10	284,29,229	26-May-11	29-Jun-11	35	10.25%	27,26,090	2,79,424
30-Jun-11	284,29,229	30-Jun-11	31-Mar-12	276	12.00%	214,97,170	25,79,660
4-Aug-10	161,99,695	26-May-11	29-Jun-11	35	10.25%	15,53,395	1,59,223
30-Jun-11	161,99,695	30-Jun-11	31-Mar-12	276	12.00%	122,49,632	14,69,956
6-Aug-10	143,55,776	26-May-11	29-Jun-11	35	10.25%	13,76,581	1,41,100
30-Jun-11	143,55,776	30-Jun-11	31-Mar-12	276	12.00%	108,55,327	13,02,639
16-Aug-10	44,29,700	26-May-11	29-Jun-11	35	10.25%	4,24,766	43,538
30-Jun-11	44,29,700	30-Jun-11	31-Mar-12	276	12.00%	33,49,581	4,01,950
17-Aug-10	197,42,306	26-May-11	29-Jun-11	35	10.25%	18,93,098	1,94,043
30-Jun-11	197,42,306	30-Jun-11	31-Mar-12	276	12.00%	149,28,429	17,91,411
27-Aug-10	337,27,463	26-May-11	29-Jun-11	35	10.25%	32,34,140	3,31,499
30-Jun-11	337,27,463	30-Jun-11	31-Mar-12	276	12.00%	255,03,506	30,60,421
31-Aug-10	282,40,566	26-May-11	29-Jun-11	35	10.25%	27,07,999	2,77,570
30-Jun-11	282,40,566	30-Jun-11	31-Mar-12	276	12.00%	213,54,510	25,62,541
3-Sep-10	202,70,380	26-May-11	29-Jun-11	35	10.25%	19,43,735	1,99,233
30-Jun-11	202,70,380	30-Jun-11	31-Mar-12	276	12.00%	153,27,739	18,39,329
8-Sep-10	139,82,417	26-May-11	29-Jun-11	35	10.25%	13,40,780	1,37,430
30-Jun-11	139,82,417	30-Jun-11	31-Mar-12	276	12.00%	105,73,006	12,68,761
13-Sep-10	174,54,205	26-May-11	29-Jun-11	35	10.25%	16,73,691	1,71,553
30-Jun-11	174,54,205	30-Jun-11	31-Mar-12	276	12.00%	131,98,248	15,83,790
14-Sep-10	60,54,700	26-May-11	29-Jun-11	35	10.25%	5,80,588	59,510
30-Jun-11	60,54,700	30-Jun-11	31-Mar-12	276	12.00%	45,78,348	5,49,402
15-Sep-10	1107,61,346	26-May-11	29-Jun-11	35	10.25%	106,20,951	10,88,647
30-Jun-11	1107,61,346	30-Jun-11	31-Mar-12	276	12.00%	837,53,785	100,50,454
17-Sep-10	75,41,665	26-May-11	29-Jun-11	35	10.25%	7,23,173	74,125
30-Jun-11	75,41,665	30-Jun-11	31-Mar-12	276	12.00%	57,02,738	6,84,329
22-Sep-10	456,38,908	26-May-11	29-Jun-11	35	10.25%	43,76,334	4,48,574
30-Jun-11	456,38,908	30-Jun-11	31-Mar-12	276	12.00%	345,10,517	41,41,262
29-Sep-10	126,34,857	26-May-11	29-Jun-11	35	10.25%	12,11,562	1,24,185
30-Jun-11	126,34,857	30-Jun-11	31-Mar-12	276	12.00%	95,54,029	11,46,483
29-Sep-10	88,15,666	26-May-11	29-Jun-11	35	10.25%	8,45,338	86,647
30-Jun-11	88,15,666	30-Jun-11	31-Mar-12	276	12.00%	66,66,093	7,99,931
6-Oct-10	74,82,583	26-May-11	29-Jun-11	35	10.25%	7,17,508	73,545
30-Jun-11	74,82,583	30-Jun-11	31-Mar-12	276	12.00%	56,58,063	6,78,968
8-Oct-10	437,44,266	26-May-11	29-Jun-11	35	10.25%	41,94,656	4,29,952
30-Jun-11	437,44,266	30-Jun-11	31-Mar-12	276	12.00%	330,77,856	39,69,343
12-Oct-10	694,25,344	26-May-11	29-Jun-11	35	10.25%	66,57,225	6,82,366
30-Jun-11	694,25,344	30-Jun-11	31-Mar-12	276	12.00%	524,96,972	62,99,637
13-Oct-10	104,49,796	26-May-11	29-Jun-11	35	10.25%	10,02,035	1,02,709
30-Jun-11	104,49,796	30-Jun-11	31-Mar-12	276	12.00%	79,01,764	9,48,212
15-Oct-10	77,44,056	26-May-11	29-Jun-11	35	10.25%	7,42,581	76,115
30-Jun-11	77,44,056	30-Jun-11	31-Mar-12	276	12.00%	58,55,779	7,02,694
22-Oct-10	767,16,088	26-May-11	29-Jun-11	35	10.25%	73,56,337	7,54,025
30-Jun-11	767,16,088	30-Jun-11	31-Mar-12	276	12.00%	580,09,973	69,61,197
22-Oct-10	1064,27,285	26-May-11	29-Jun-11	35	10.25%	102,05,356	10,46,049
30-Jun-11	1064,27,285	30-Jun-11	31-Mar-12	276	12.00%	804,76,522	96,57,183
1-Nov-10	161,35,502	26-May-11	29-Jun-11	35	10.25%	15,47,240	1,58,592
30-Jun-11	161,35,502	30-Jun-11	31-Mar-12	276	12.00%	122,01,092	14,64,131
3-Nov-10	36,76,319	26-May-11	29-Jun-11	35	10.25%	3,52,524	36,134
30-Jun-11	36,76,319	30-Jun-11	31-Mar-12	276	12.00%	27,79,901	3,33,588
8-Nov-10	151,16,475	26-May-11	29-Jun-11	35	10.25%	14,49,525	1,48,576
30-Jun-11	151,16,475	30-Jun-11	31-Mar-12	276	12.00%	114,30,540	13,71,665
10-Nov-10	1302,89,166	26-May-11	29-Jun-11	35	10.25%	124,93,482	12,80,582
30-Jun-11	1302,89,166	30-Jun-11	31-Mar-12	276	12.00%	985,20,027	118,22,403
13-Nov-10	403,36,249	26-May-11	29-Jun-11	35	10.25%	38,67,859	3,96,456
30-Jun-11	403,36,249	30-Jun-11	31-Mar-12	276	12.00%	305,00,835	36,60,100
16-Nov-10	96,99,444	26-May-11	29-Jun-11	35	10.25%	9,30,084	95,334
30-Jun-11	96,99,444	30-Jun-11	31-Mar-12	276	12.00%	73,34,374	8,80,125
23-Nov-10	430,99,344	26-May-11	29-Jun-11	35	10.25%	41,32,814	4,23,613
30-Jun-11	430,99,344	30-Jun-11	31-Mar-12	276	12.00%	325,90,189	39,10,823
30-Nov-10	411,52,212	26-May-11	29-Jun-11	35	10.25%	39,46,103	4,04,476
30-Jun-11	411,52,212	30-Jun-11	31-Mar-12	276	12.00%	311,17,837	37,34,140
10-Dec-10	239,26,740	26-May-11	29-Jun-11	35	10.25%	22,94,345	2,35,170
30-Jun-11	239,26,740	30-Jun-11	31-Mar-12	276	12.00%	180,92,549	21,71,106
10-Dec-10	75,08,302	26-May-11	29-Jun-11	35	10.25%	7,19,974	73,797
30-Jun-11	75,08,302	30-Jun-11	31-Mar-12	276	12.00%	56,77,511	6,81,301
30-Jun-11	37,11,851	26-May-11	29-Jun-11	35	10.25%	3,55,931	36,483
14-Dec-10	37,11,851	30-Jun-11	31-Mar-12	276	12.00%	28,06,770	3,36,812
30-Jun-11	37,11,851	30-Jun-11	31-Mar-12	276	12.00%	19,64,555	1,19,367
15-Dec-10	121,44,642	26-May-11	29-Jun-11	35	10.25%	11,83,346	1,102,001
30-Jun-11	121,44,642	30-Jun-11	31-Mar-12	276	12.00%		



15-Dec-10	142,79,454	26-May-11	29-Jun-11	35	10.25%	13,69,263	1,40,349
30-Jun-11	142,79,454	30-Jun-11	31-Mar-12	276	12.00%	107,97,615	12,95,714
18-Dec-10	236,56,509	26-May-11	29-Jun-11	35	10.25%	22,68,432	2,32,514
30-Jun-11	236,56,509	30-Jun-11	31-Mar-12	276	12.00%	178,88,210	21,46,585
27-Dec-10	352,09,106	26-May-11	29-Jun-11	35	10.25%	33,76,216	3,46,062
30-Jun-11	352,09,106	30-Jun-11	31-Mar-12	276	12.00%	266,23,872	31,94,865
28-Dec-10	151,14,884	26-May-11	29-Jun-11	35	10.25%	14,49,372	1,48,561
30-Jun-11	151,14,884	30-Jun-11	31-Mar-12	276	12.00%	114,29,337	13,71,520
29-Dec-10	530,51,847	26-May-11	29-Jun-11	35	10.25%	50,87,163	5,21,434
30-Jun-11	530,51,847	30-Jun-11	31-Mar-12	276	12.00%	401,15,917	48,13,910
6-Jan-11	132,10,861	26-May-11	29-Jun-11	35	10.25%	12,66,795	1,29,846
30-Jun-11	132,10,861	30-Jun-11	31-Mar-12	276	12.00%	99,89,583	11,98,750
6-Jan-11	1469,99,400	26-May-11	29-Jun-11	35	10.25%	140,95,833	14,44,823
30-Jun-11	1469,99,400	30-Jun-11	31-Mar-12	276	12.00%	1111,55,711	133,38,685
12-Jan-11	110,39,194	26-May-11	29-Jun-11	35	10.25%	10,58,553	1,08,502
30-Jun-11	110,39,194	30-Jun-11	31-Mar-12	276	12.00%	83,47,445	10,01,693
20-Jan-11	94,92,780	26-May-11	29-Jun-11	35	10.25%	9,10,267	93,302
30-Jun-11	94,92,780	30-Jun-11	31-Mar-12	276	12.00%	71,78,102	8,61,372
7-Feb-11	178,18,679	26-May-11	29-Jun-11	35	10.25%	17,08,640	1,75,136
30-Jun-11	178,18,679	30-Jun-11	31-Mar-12	276	12.00%	134,73,850	16,16,862
22-Feb-11	76,79,637	26-May-11	29-Jun-11	35	10.25%	7,36,404	75,481
30-Jun-11	76,79,637	30-Jun-11	31-Mar-12	276	12.00%	58,07,068	6,96,848
28-Feb-11	224,20,676	26-May-11	29-Jun-11	35	10.25%	21,49,928	2,20,368
30-Jun-11	224,20,676	30-Jun-11	31-Mar-12	276	12.00%	169,53,717	20,34,446
7-Mar-11	157,62,411	26-May-11	29-Jun-11	35	10.25%	15,11,464	1,54,925
30-Jun-11	157,62,411	30-Jun-11	31-Mar-12	276	12.00%	119,18,974	14,30,277
14-Mar-11	1321,92,225	26-May-11	29-Jun-11	35	10.25%	126,75,967	12,99,287
30-Jun-11	1321,92,225	30-Jun-11	31-Mar-12	276	12.00%	999,59,052	119,95,086
15-Mar-11	174,20,183	26-May-11	29-Jun-11	35	10.25%	16,70,429	1,71,219
30-Jun-11	174,20,183	30-Jun-11	31-Mar-12	276	12.00%	131,72,522	15,80,703
18-Mar-11	29,03,363	26-May-11	29-Jun-11	35	10.25%	2,78,405	28,536
30-Jun-11	29,03,363	30-Jun-11	31-Mar-12	276	12.00%	21,95,420	2,63,450
9-Apr-11	331,62,462	26-May-11	29-Jun-11	35	10.25%	31,79,962	3,25,946
30-Jun-11	331,62,462	30-Jun-11	31-Mar-12	276	12.00%	250,76,273	30,09,153
11-Apr-11	67,64,039	26-May-11	29-Jun-11	35	10.25%	6,48,606	66,482
30-Jun-11	67,64,039	30-Jun-11	31-Mar-12	276	12.00%	51,14,725	6,13,767
13-Apr-11	33,00,240	26-May-11	29-Jun-11	35	10.25%	3,16,461	32,437
30-Jun-11	33,00,240	30-Jun-11	31-Mar-12	276	12.00%	24,95,524	2,99,463
28-Apr-11	36,579	26-May-11	29-Jun-11	35	10.25%	3,508	360
30-Jun-11	36,579	30-Jun-11	31-Mar-12	276	12.00%	27,660	3,319
25-May-11	52,72,381	26-May-11	29-Jun-11	35	10.25%	5,05,571	51,821
30-Jun-11	52,72,381	30-Jun-11	31-Mar-12	276	12.00%	39,86,787	4,78,414
25-May-11	6,06,333	26-May-11	29-Jun-11	35	10.25%	58,142	5,960
30-Jun-11	6,06,333	30-Jun-11	31-Mar-12	276	12.00%	4,58,487	55,018
11-Jun-11	125,01,745	11-Jun-11	29-Jun-11	19	10.25%	6,50,776	66,705
30-Jun-11	125,01,745	30-Jun-11	31-Mar-12	276	12.00%	94,53,374	11,34,405
20-Jun-11	4503,00,000	20-Jun-11	31-Mar-12	286	13.50%	3528,37,808	476,33,104
23-Jun-11	1581,50,902	23-Jun-11	29-Jun-11	7	10.25%	30,33,031	3,10,886
30-Jun-11	1581,50,902	30-Jun-11	31-Mar-12	276	12.00%	1195,88,079	143,50,570
27-Jun-11	50,20,259	27-Jun-11	29-Jun-11	3	10.25%	41,262	4,229
30-Jun-11	50,20,259	30-Jun-11	31-Mar-12	276	12.00%	37,96,141	4,55,537
15-Jul-11	30,991	15-Jul-11	31-Mar-12	261	10.25%	22,161	2,271
12-Aug-11	511,73,404	12-Aug-11	31-Mar-12	233	12.00%	326,66,858	39,20,023
26-Aug-11	765,04,431	26-Aug-11	31-Mar-12	219	12.00%	459,02,659	55,08,319
7-Oct-11	261,20,009	7-Oct-11	31-Mar-12	177	12.00%	126,66,415	15,19,970
11-Nov-11	394,05,981	11-Nov-11	31-Mar-12	142	12.00%	153,30,546	18,39,666
19-Nov-11	6,66,998	19-Nov-11	31-Mar-12	134	12.00%	2,44,871	29,384
28-Nov-11	24,92,578	28-Nov-11	31-Mar-12	125	12.00%	8,53,623	1,02,435
22-Dec-11	116,13,455	22-Dec-11	31-Mar-12	101	12.00%	32,13,586	3,85,630
28-Dec-11	3,10,805	28-Dec-11	31-Mar-12	95	12.00%	80,894	9,707
5-Jan-12	395,32,264	5-Jan-12	31-Mar-12	87	12.00%	94,22,759	11,30,731
6-Jan-12	192,30,878	6-Jan-12	31-Mar-12	86	12.00%	45,31,111	5,43,733
6-Jan-12	8,10,692	6-Jan-12	31-Mar-12	86	12.00%	1,91,012	22,921
17-Jan-12	36,87,721	17-Jan-12	31-Mar-12	75	12.00%	7,57,751	90,930
19-Jan-12	256,18,310	19-Jan-12	31-Mar-12	73	12.00%	51,23,662	6,14,839
21-Jan-12	104,88,631	21-Jan-12	31-Mar-12	71	12.00%	20,40,254	2,44,831
31-Jan-12	255,03,226	31-Jan-12	31-Mar-12	61	12.00%	42,62,183	5,11,462
26-Mar-12	1650,00,000	26-Mar-12	31-Mar-12	6	12.00%	27,12,329	3,25,479
						<b>55865,33,509</b>	<b>6678,27,296</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

Union Bank of India

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
30-Jun-06	645,00,000	26-May-11	29-Jun-11	35	9.50%	61,84,932	5,87,568
30-Jun-11	645,00,000	30-Jun-11	31-Mar-12	276	12.00%	487,72,603	58,52,712
19-Sep-07	625,50,000	26-May-11	29-Jun-11	35	11.50%	59,97,945	6,89,764
30-Jun-11	625,50,000	30-Jun-11	31-Mar-12	276	12.00%	472,98,082	56,75,770
2-Apr-08	638,00,000	26-May-11	29-Jun-11	35	11.00%	61,17,808	6,72,959
30-Jun-11	638,00,000	30-Jun-11	31-Mar-12	276	12.00%	482,43,288	57,89,195
11-Jun-08	766,00,000	26-May-11	29-Jun-11	35	11.00%	73,45,205	8,07,973
30-Jun-11	766,00,000	30-Jun-11	31-Mar-12	276	12.00%	579,22,192	69,50,663
17-Oct-08	1275,00,000	26-May-11	29-Jun-11	35	12.25%	122,26,027	14,97,688
30-Jun-11	1275,00,000	30-Jun-11	31-Mar-12	276	12.00%	964,10,959	115,69,315
29-Dec-08	1020,00,000	26-May-11	29-Jun-11	35	11.50%	97,80,822	11,24,795
30-Jun-11	1020,00,000	30-Jun-11	31-Mar-12	276	12.00%	771,28,767	92,55,452
26-Mar-09	510,00,000	26-May-11	29-Jun-11	35	11.50%	48,90,411	5,62,397
30-Jun-11	510,00,000	30-Jun-11	31-Mar-12	276	12.00%	385,64,384	46,27,726
30-Jun-09	319,00,000	26-May-11	29-Jun-11	35	10.25%	30,58,904	3,13,538
30-Jun-11	319,00,000	30-Jun-11	31-Mar-12	276	12.00%	241,21,644	28,94,597
25-Sep-09	587,00,000	26-May-11	29-Jun-11	35	10.00%	56,28,767	5,62,877
30-Jun-11	587,00,000	30-Jun-11	31-Mar-12	276	12.00%	443,86,849	53,26,422
23-Dec-09	306,00,000	26-May-11	29-Jun-11	35	10.00%	29,34,247	2,93,425
30-Jun-11	306,00,000	30-Jun-11	31-Mar-12	276	12.00%	231,38,630	27,76,636
4-Mar-10	1150,00,000	26-May-11	29-Jun-11	35	10.00%	110,27,397	11,02,740
30-Jun-11	1150,00,000	30-Jun-11	31-Mar-12	276	12.00%	869,58,904	104,35,068
24-Jun-10	638,00,000	26-May-11	29-Jun-11	35	10.00%	61,17,808	6,11,781
30-Jun-11	638,00,000	30-Jun-11	31-Mar-12	276	12.00%	482,43,288	57,89,195
30-Nov-10	576,00,000	26-May-11	29-Jun-11	35	11.00%	55,23,288	6,07,562
30-Jun-11	576,00,000	30-Jun-11	31-Mar-12	276	12.00%	435,55,068	52,26,608
24-Mar-11	944,50,000	26-May-11	29-Jun-11	35	12.00%	90,56,849	10,86,822
30-Jun-11	944,50,000	30-Jun-11	31-Mar-12	276	12.00%	714,19,726	85,70,367
20-Jun-11	2010,00,000	20-Jun-11	29-Jun-11	10	12.50%	55,06,849	6,88,356
30-Jun-11	2010,00,000	30-Jun-11	31-Mar-12	276	12.00%	1519,89,041	182,38,685
						<b>10095,50,685</b>	<b>1201,88,654</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

Bank of India

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
18-Jul-06	645,00,000	26-May-11	16-Jul-11	52	9.50%	91,89,041	8,72,959
17-Jul-11	645,00,000	17-Jul-11	31-Mar-12	259	12.00%	457,68,493	54,92,219
19-Sep-07	1898,00,000	26-May-11	16-Jul-11	52	11.50%	270,40,000	31,09,600
17-Jul-11	1898,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,346,80,000	161,61,600
4-Mar-08	1275,00,000	26-May-11	16-Jul-11	52	11.00%	181,64,384	19,98,082
17-Jul-11	1275,00,000	17-Jul-11	31-Mar-12	259	12.00%	904,72,603	108,56,712
13-Jun-08	1530,00,000	26-May-11	16-Jul-11	52	11.00%	217,97,260	23,97,699
17-Jul-11	1530,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,085,67,123	130,28,055
22-Oct-08	2551,00,000	26-May-11	16-Jul-11	52	12.25%	363,43,014	44,52,019
17-Jul-11	2551,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,810,16,164	217,21,940
30-Dec-08	2040,00,000	26-May-11	16-Jul-11	52	11.50%	290,63,014	33,42,247
17-Jul-11	2040,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,447,56,164	173,70,740
25-Mar-09	1020,00,000	26-May-11	16-Jul-11	52	10.75%	145,31,507	15,62,137
17-Jul-11	1020,00,000	17-Jul-11	31-Mar-12	259	12.00%	723,78,082	86,85,370
27-Jun-09	638,00,000	26-May-11	16-Jul-11	52	10.25%	90,89,315	9,31,655
17-Jul-11	638,00,000	17-Jul-11	31-Mar-12	259	12.00%	452,71,781	54,32,614
24-Sep-09	1173,00,000	26-May-11	16-Jul-11	52	10.25%	167,11,233	17,12,901
17-Jul-11	1173,00,000	17-Jul-11	31-Mar-12	259	12.00%	832,34,795	99,88,175
31-Dec-09	611,00,000	26-May-11	16-Jul-11	52	10.25%	87,04,658	8,92,227
17-Jul-11	611,00,000	17-Jul-11	31-Mar-12	259	12.00%	433,55,890	52,02,707
5-Mar-10	2300,00,000	26-May-11	16-Jul-11	52	10.25%	327,67,123	33,58,630
17-Jul-11	2300,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,632,05,479	195,84,658
24-Jun-10	1276,00,000	26-May-11	16-Jul-11	52	10.25%	181,78,630	18,63,310
17-Jul-11	1276,00,000	17-Jul-11	31-Mar-12	259	12.00%	905,43,562	108,65,227
21-Dec-10	1148,00,000	26-May-11	16-Jul-11	52	12.00%	163,55,068	19,62,608
17-Jul-11	1148,00,000	17-Jul-11	31-Mar-12	259	12.00%	814,60,822	97,75,299
15-Apr-11	1895,00,000	26-May-11	16-Jul-11	52	12.00%	269,97,260	32,39,671
17-Jul-11	1895,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,344,67,123	161,36,055
12-Jul-11	2210,00,000	12-Jul-11	16-Jul-11	5	12.50%	30,27,397	3,78,425
17-Jul-11	2210,00,000	17-Jul-11	31-Mar-12	259	12.00%	1,568,19,178	188,18,301
						<b>18639,56,164</b>	<b>2211,93,841</b>



PETITIONER



Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

The Jammu and Kashmir Bank Limited

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
7-Oct-06	645,00,000	26-May-11	6-Oct-11	134	10.50%	236,79,452	24,86,342
7-Oct-11	645,00,000	7-Oct-11	31-Mar-12	177	12.00%	312,78,082	37,53,370
28-Sep-07	626,00,000	26-May-11	6-Oct-11	134	11.50%	229,81,918	26,42,921
7-Oct-11	626,00,000	7-Oct-11	31-Mar-12	177	12.00%	303,56,712	36,42,805
31-Mar-08	638,00,000	26-May-11	6-Oct-11	134	11.50%	234,22,466	26,93,584
7-Oct-11	638,00,000	7-Oct-11	31-Mar-12	177	12.00%	309,38,630	37,12,636
30-Jun-08	766,00,000	26-May-11	6-Oct-11	134	12.50%	281,21,644	35,15,205
7-Oct-11	766,00,000	7-Oct-11	31-Mar-12	177	12.00%	371,45,753	44,57,490
17-Oct-08	1275,00,000	26-May-11	6-Oct-11	134	13.00%	468,08,219	60,85,068
7-Oct-11	1275,00,000	7-Oct-11	31-Mar-12	177	12.00%	618,28,767	74,19,452
31-Dec-08	1020,00,000	26-May-11	6-Oct-11	134	13.00%	374,46,575	48,68,055
7-Oct-11	1020,00,000	7-Oct-11	31-Mar-12	177	12.00%	494,63,014	59,35,562
31-Mar-09	510,00,000	26-May-11	6-Oct-11	134	13.00%	187,23,288	24,34,027
7-Oct-11	510,00,000	7-Oct-11	31-Mar-12	177	12.00%	247,31,507	29,67,781
30-Jun-09	319,00,000	26-May-11	6-Oct-11	134	11.25%	117,11,233	13,17,514
7-Oct-11	319,00,000	7-Oct-11	31-Mar-12	177	12.00%	154,69,315	18,56,318
25-Sep-09	587,00,000	26-May-11	6-Oct-11	134	11.25%	215,50,137	24,24,390
7-Oct-11	587,00,000	7-Oct-11	31-Mar-12	177	12.00%	284,65,479	34,15,858
31-Dec-09	306,00,000	26-May-11	6-Oct-11	134	11.25%	112,33,973	12,63,822
7-Oct-11	306,00,000	7-Oct-11	31-Mar-12	177	12.00%	148,38,904	17,80,668
5-Mar-10	1150,00,000	26-May-11	6-Oct-11	134	11.25%	422,19,178	47,49,658
7-Oct-11	1150,00,000	7-Oct-11	31-Mar-12	177	12.00%	557,67,123	66,92,055
25-Jun-10	638,00,000	26-May-11	6-Oct-11	134	11.25%	234,22,466	26,35,027
7-Oct-11	638,00,000	7-Oct-11	31-Mar-12	177	12.00%	309,38,630	37,12,636
3-Dec-10	575,00,000	26-May-11	6-Oct-11	134	11.50%	211,09,589	24,27,603
7-Oct-11	575,00,000	7-Oct-11	31-Mar-12	177	12.00%	278,83,562	33,46,027
24-Mar-11	945,00,000	26-May-11	6-Oct-11	134	12.00%	346,93,151	41,63,178
7-Oct-11	945,00,000	7-Oct-11	31-Mar-12	177	12.00%	458,26,027	54,99,123
21-Sep-11	1086,00,000	21-Sep-11	6-Oct-11	16	12.75%	47,60,548	6,06,970
7-Oct-11	1086,00,000	7-Oct-11	31-Mar-12	177	12.00%	526,63,562	63,19,627
						<b>9094,78,904</b>	<b>1088,24,773</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

Central Bank of India

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
9-Oct-06	1290,00,000	26-May-11	8-Oct-11	136	9.50%	480,65,753	45,66,247
9-Oct-11	1290,00,000	9-Oct-11	31-Mar-12	175	12.00%	618,49,315	74,21,918
19-Sep-07	2143,00,000	26-May-11	8-Oct-11	136	11.00%	798,48,767	87,83,364
9-Oct-11	2143,00,000	9-Oct-11	31-Mar-12	175	12.00%	1027,46,575	123,29,589
5-Mar-08	2041,00,000	26-May-11	8-Oct-11	136	11.00%	760,48,219	83,65,304
9-Oct-11	2041,00,000	9-Oct-11	31-Mar-12	175	12.00%	978,56,164	117,42,740
2-Jun-08	631,00,000	26-May-11	8-Oct-11	136	11.00%	235,11,233	25,86,236
9-Oct-11	631,00,000	9-Oct-11	31-Mar-12	175	12.00%	302,53,425	36,30,411
13-Jun-08	2449,00,000	26-May-11	8-Oct-11	136	11.00%	912,50,411	100,37,545
9-Oct-11	2449,00,000	9-Oct-11	31-Mar-12	175	12.00%	1174,17,808	140,90,137
17-Oct-08	4082,00,000	26-May-11	31-Mar-12	311	12.00%	3478,08,767	417,37,052
29-Dec-08	3265,00,000	26-May-11	8-Oct-11	136	11.25%	1216,54,795	136,86,164
9-Oct-11	3265,00,000	9-Oct-11	31-Mar-12	175	12.00%	1565,41,096	187,84,932
26-Mar-09	1635,00,000	26-May-11	8-Oct-11	136	10.50%	609,20,548	63,96,658
9-Oct-11	1635,00,000	9-Oct-11	31-Mar-12	175	12.00%	783,90,411	94,06,849
25-Jun-09	1020,00,000	26-May-11	8-Oct-11	136	10.00%	380,05,479	38,00,548
9-Oct-11	1020,00,000	9-Oct-11	31-Mar-12	175	12.00%	489,04,110	58,68,493
25-Sep-09	444,00,000	26-May-11	8-Oct-11	136	10.00%	165,43,562	16,54,356
9-Oct-11	444,00,000	9-Oct-11	31-Mar-12	175	12.00%	212,87,671	25,54,521
6-Oct-09	284,74,911	26-May-11	8-Oct-11	136	10.00%	106,09,830	10,60,983
9-Oct-11	284,74,911	9-Oct-11	31-Mar-12	175	12.00%	136,52,355	16,38,283
9-Oct-09	251,00,000	26-May-11	8-Oct-11	136	10.00%	93,52,329	9,35,233
9-Oct-11	251,00,000	9-Oct-11	31-Mar-12	175	12.00%	120,34,247	14,44,110
15-Oct-09	23,48,058	26-May-11	8-Oct-11	136	10.00%	8,74,893	87,489
9-Oct-11	23,48,058	9-Oct-11	31-Mar-12	175	12.00%	11,25,781	1,35,094
20-Oct-09	20,50,000	26-May-11	8-Oct-11	136	10.00%	7,63,836	76,384
9-Oct-11	20,50,000	9-Oct-11	31-Mar-12	175	12.00%	9,82,877	1,17,945
3-Nov-09	343,36,079	26-May-11	8-Oct-11	136	10.00%	127,93,717	12,79,372
9-Oct-11	343,36,079	9-Oct-11	31-Mar-12	175	12.00%	164,62,504	19,75,500
10-Nov-09	29,54,381	26-May-11	8-Oct-11	136	10.00%	11,00,810	1,10,081
9-Oct-11	29,54,381	9-Oct-11	31-Mar-12	175	12.00%	14,16,484	1,69,978
13-Nov-09	199,40,390	26-May-11	8-Oct-11	136	10.00%	74,29,844	7,42,984
9-Oct-11	199,40,390	9-Oct-11	31-Mar-12	175	12.00%	95,60,461	11,47,255
17-Nov-09	273,45,978	26-May-11	8-Oct-11	136	10.00%	101,89,186	10,18,919
9-Oct-11	273,45,978	9-Oct-11	31-Mar-12	175	12.00%	131,11,085	15,73,330
8-Mar-10	13,66,882	26-May-11	8-Oct-11	136	10.00%	5,09,304	50,930
9-Oct-11	13,66,882	9-Oct-11	31-Mar-12	175	12.00%	6,55,354	78,643
17-Mar-10	13,63,534	26-May-11	8-Oct-11	136	10.00%	5,08,057	50,806
9-Oct-11	13,63,534	9-Oct-11	31-Mar-12	175	12.00%	6,53,749	78,450
17-Mar-10	9,90,072	26-May-11	8-Oct-11	136	10.00%	3,68,904	36,890
9-Oct-11	9,90,072	9-Oct-11	31-Mar-12	175	12.00%	4,74,692	56,963
19-Mar-10	201,71,179	26-May-11	8-Oct-11	136	10.00%	75,15,837	7,51,584
9-Oct-11	201,71,179	9-Oct-11	31-Mar-12	175	12.00%	96,71,113	11,60,534
23-Mar-10	1572,60,808	26-May-11	8-Oct-11	136	10.00%	585,95,808	58,59,581
9-Oct-11	1572,60,808	9-Oct-11	31-Mar-12	175	12.00%	753,99,018	90,47,882
25-Mar-10	38,81,221	26-May-11	8-Oct-11	136	10.00%	14,46,154	1,44,615
9-Oct-11	38,81,221	9-Oct-11	31-Mar-12	175	12.00%	18,60,859	2,23,303
3-Apr-10	338,13,684	26-May-11	8-Oct-11	136	10.00%	125,99,071	12,59,907
9-Oct-11	338,13,684	9-Oct-11	31-Mar-12	175	12.00%	162,12,040	19,45,445
6-Jul-10	263,03,222	26-May-11	8-Oct-11	136	10.00%	98,00,653	9,80,065
9-Oct-11	263,03,222	9-Oct-11	31-Mar-12	175	12.00%	126,11,134	15,13,336
8-Jul-10	36,48,115	26-May-11	8-Oct-11	136	10.00%	13,59,298	1,35,930
9-Oct-11	36,48,115	9-Oct-11	31-Mar-12	175	12.00%	17,49,096	2,09,892
8-Jul-10	1328,30,775	26-May-11	8-Oct-11	136	10.00%	494,93,111	49,49,311
9-Oct-11	1328,30,775	9-Oct-11	31-Mar-12	175	12.00%	636,85,988	76,42,319
8-Jul-10	123,90,865	26-May-11	8-Oct-11	136	10.00%	46,16,870	4,61,687
9-Oct-11	123,90,865	9-Oct-11	31-Mar-12	175	12.00%	59,40,826	7,12,899
12-Jul-10	93,02,376	26-May-11	8-Oct-11	136	10.00%	34,66,091	3,46,609
9-Oct-11	93,02,376	9-Oct-11	31-Mar-12	175	12.00%	44,60,043	5,35,205
14-Jul-10	272,72,081	26-May-11	8-Oct-11	136	10.00%	101,61,652	10,16,165
9-Oct-11	272,72,081	9-Oct-11	31-Mar-12	175	12.00%	130,75,655	15,69,079
19-Jul-10	65,05,770	26-May-11	8-Oct-11	136	10.00%	24,13,205	2,42,407
9-Oct-11	65,05,770	9-Oct-11	31-Mar-12	175	12.00%	31,13,205	3,74,305
26-Jul-10	58,93,040	26-May-11	8-Oct-11	136	10.00%	21,95,763	2,19,576



9-Oct-11	58,93,040	9-Oct-11	31-Mar-12	175	12.00%	28,25,430	3,39,052
26-Jul-10	1335,89,676	26-May-11	8-Oct-11	136	10.00%	497,75,879	49,77,588
9-Oct-11	1335,89,676	9-Oct-11	31-Mar-12	175	12.00%	640,49,845	76,85,981
29-Jul-10	396,40,693	26-May-11	8-Oct-11	136	10.00%	147,70,231	14,77,023
9-Oct-11	396,40,693	9-Oct-11	31-Mar-12	175	12.00%	190,05,812	22,80,697
4-Aug-10	35,47,758	26-May-11	8-Oct-11	136	10.00%	13,21,904	1,32,190
9-Oct-11	35,47,758	9-Oct-11	31-Mar-12	175	12.00%	17,00,980	2,04,118
10-Aug-10	23,17,229	26-May-11	8-Oct-11	136	10.00%	8,63,406	86,341
9-Oct-11	23,17,229	9-Oct-11	31-Mar-12	175	12.00%	11,11,000	1,33,320
13-Aug-10	40,02,013	26-May-11	8-Oct-11	136	10.00%	14,91,161	1,49,116
9-Oct-11	40,02,013	9-Oct-11	31-Mar-12	175	12.00%	19,18,773	2,30,253
16-Aug-10	343,38,667	26-May-11	8-Oct-11	136	10.50%	127,94,681	13,43,442
9-Oct-11	343,38,667	9-Oct-11	31-Mar-12	175	12.00%	164,63,744	19,75,649
21-Aug-10	29,10,629	26-May-11	8-Oct-11	136	10.50%	10,84,508	1,13,873
9-Oct-11	29,10,629	9-Oct-11	31-Mar-12	175	12.00%	13,95,507	1,67,461
27-Aug-10	339,39,148	26-May-11	8-Oct-11	136	10.50%	126,45,820	13,27,811
9-Oct-11	339,39,148	9-Oct-11	31-Mar-12	175	12.00%	162,72,194	19,52,663
11-Jan-11	345,55,847	26-May-11	8-Oct-11	136	11.25%	128,75,603	14,48,505
9-Oct-11	345,55,847	9-Oct-11	31-Mar-12	175	12.00%	165,67,872	19,88,145
18-Jan-11	23,38,437	26-May-11	8-Oct-11	136	11.25%	8,71,308	98,022
9-Oct-11	23,38,437	9-Oct-11	31-Mar-12	175	12.00%	11,21,168	1,34,540
19-Jan-11	597,52,226	26-May-11	8-Oct-11	136	11.25%	222,63,843	25,04,682
9-Oct-11	597,52,226	9-Oct-11	31-Mar-12	175	12.00%	286,48,328	34,37,799
27-Jan-11	34,34,550	26-May-11	8-Oct-11	136	11.25%	12,79,723	1,43,969
9-Oct-11	34,34,550	9-Oct-11	31-Mar-12	175	12.00%	16,46,702	1,97,604
1-Feb-11	41,25,300	26-May-11	8-Oct-11	136	11.25%	15,37,098	1,72,924
9-Oct-11	41,25,300	9-Oct-11	31-Mar-12	175	12.00%	19,77,884	2,37,346
17-Feb-11	36,02,550	26-May-11	8-Oct-11	136	11.75%	13,42,320	1,57,723
9-Oct-11	36,02,550	9-Oct-11	31-Mar-12	175	12.00%	17,27,250	2,07,270
23-Feb-11	368,56,107	26-May-11	8-Oct-11	136	11.75%	137,32,686	16,13,591
9-Oct-11	368,56,107	9-Oct-11	31-Mar-12	175	12.00%	176,70,736	21,20,488
5-Mar-11	42,86,738	26-May-11	8-Oct-11	136	11.75%	15,97,250	1,87,677
9-Oct-11	42,86,738	9-Oct-11	31-Mar-12	175	12.00%	20,55,285	2,46,634
2-Jul-11	8,64,126	2-Jul-11	8-Oct-11	99	12.25%	2,34,379	28,711
9-Oct-11	8,64,126	9-Oct-11	31-Mar-12	175	12.00%	4,14,307	49,717
16-Jul-11	50,84,159	16-Jul-11	8-Oct-11	85	12.25%	11,83,982	1,45,038
9-Oct-11	50,84,159	9-Oct-11	31-Mar-12	175	12.00%	24,37,610	2,92,513
4-Aug-11	206,05,913	4-Aug-11	8-Oct-11	66	13.00%	37,26,001	4,84,380
9-Oct-11	206,05,913	9-Oct-11	31-Mar-12	175	12.00%	98,79,547	11,85,546
6-Aug-11	616,88,666	6-Aug-11	8-Oct-11	64	13.00%	108,16,643	14,06,164
9-Oct-11	616,88,666	9-Oct-11	31-Mar-12	175	12.00%	295,76,758	35,49,211
13-Aug-11	7,04,409	13-Aug-11	8-Oct-11	57	13.00%	1,10,004	14,300
9-Oct-11	7,04,409	9-Oct-11	31-Mar-12	175	12.00%	3,37,730	40,528
26-Aug-11	50,20,259	26-Aug-11	8-Oct-11	44	13.00%	6,05,182	78,674
9-Oct-11	50,20,259	9-Oct-11	31-Mar-12	175	12.00%	24,06,973	2,88,837
17-Sep-11	116,13,455	17-Sep-11	31-Mar-12	197	12.00%	62,68,084	7,52,170
26-Sep-11	6,60,048	26-Sep-11	31-Mar-12	188	12.00%	3,39,970	40,796
4-Oct-11	117,55,290	4-Oct-11	31-Mar-12	180	12.00%	57,97,129	6,95,656
7-Oct-11	5,37,561	7-Oct-11	31-Mar-12	177	12.00%	2,60,680	31,282
8-Oct-11	192,30,878	8-Oct-11	31-Mar-12	176	12.00%	92,72,971	11,12,757
15-Oct-11	102,72,382	15-Oct-11	31-Mar-12	169	12.00%	47,56,254	5,70,750
22-Oct-11	116,13,455	22-Oct-11	31-Mar-12	162	12.00%	51,54,465	6,18,536
26-Mar-12	350,00,000	26-Mar-12	31-Mar-12	6	12.00%	5,75,342	69,041
						<b>25555,53,705</b>	<b>2935,38,423</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

**I D B I Bank**

Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)		
	From	To			Product of Debt Amount	Interest	
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
22-Jul-06	969,00,000				9.50%		
17-Oct-07	938,00,000				11.75%		
24-Mar-08	957,00,000				11.75%		
10-Jul-08	1148,00,000				12.25%		
12-Dec-08	1913,00,000				12.00%		
25-Mar-09	1531,00,000				12.00%		
30-Mar-09	765,00,000				12.00%		
28-Jul-09	478,00,000				11.25%		
16-Nov-09	880,00,000				11.25%		
1-Jan-10	460,00,000				11.25%		
3-Aug-10	1700,00,000				11.25%		
3-Aug-10	957,00,000				11.25%		
17-Feb-11	860,00,000				12.50%		
30-Mar-11	1444,00,000				12.50%		
Total	15000,00,000	26-May-11	21-Jul-11	57	11.5917%	2342,46,575	271,53,160
	15000,00,000	22-Jul-11	31-Mar-12	254	12.0000%	10438,35,616	1252,60,274
26-Aug-11	1649,00,000	26-Aug-11	31-Mar-12	219	14.0000%	989,40,000	138,51,600
						<b>13770,22,192</b>	<b>1662,65,034</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

ICICI Bank Limited

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
28-Jun-06	5161,00,000	26-May-11	28-Jun-11	34	10.00%	480,75,068	48,07,507
29-Jun-11	5161,00,000	29-Jun-11	8-Sep-11	72	13.95%	1018,06,027	142,01,941
9-Sep-11	5161,00,000	9-Sep-11	31-Mar-12	205	12.00%	2898,64,384	347,83,726
27-Sep-07	3739,00,000	26-May-11	28-Jun-11	34	12.50%	348,29,041	43,53,630
29-Jun-11	3739,00,000	29-Jun-11	8-Sep-11	72	13.95%	737,55,616	102,88,908
9-Sep-11	3739,00,000	9-Sep-11	31-Mar-12	205	12.00%	2099,98,630	251,99,836
28-Apr-08	4464,00,000	26-May-11	28-Jun-11	34	12.50%	415,82,466	51,97,808
29-Jun-11	4464,00,000	29-Jun-11	8-Sep-11	72	13.95%	880,56,986	122,83,950
9-Sep-11	4464,00,000	9-Sep-11	31-Mar-12	205	12.00%	2507,17,808	300,86,137
18-Dec-08	5000,00,000	26-May-11	28-Jun-11	34	12.70%	465,75,342	59,15,068
29-Jun-11	5000,00,000	29-Jun-11	8-Sep-11	72	13.95%	986,30,137	137,58,904
9-Sep-11	5000,00,000	9-Sep-11	31-Mar-12	205	12.00%	2808,21,918	336,98,630
23-Jan-09	7500,00,000	26-May-11	28-Jun-11	34	13.95%	698,63,014	97,45,890
29-Jun-11	7500,00,000	29-Jun-11	8-Sep-11	72	13.95%	1479,45,205	206,38,356
9-Sep-11	7500,00,000	9-Sep-11	31-Mar-12	205	12.00%	4212,32,877	505,47,945
3-Feb-09	8928,57,143	26-May-11	28-Jun-11	34	13.95%	831,70,254	116,02,250
29-Jun-11	8928,57,143	29-Jun-11	8-Sep-11	72	13.95%	1761,25,245	245,69,472
9-Sep-11	8928,57,143	9-Sep-11	31-Mar-12	205	12.00%	5014,67,710	601,76,125
29-Jun-09	3571,00,000	26-May-11	28-Jun-11	34	12.95%	332,64,110	43,07,702
29-Jun-11	3571,00,000	29-Jun-11	8-Sep-11	72	13.95%	704,41,644	98,26,609
9-Sep-11	3571,00,000	9-Sep-11	31-Mar-12	205	12.00%	2005,63,014	240,67,562
4-Aug-09	2231,99,999	26-May-11	28-Jun-11	34	12.95%	207,91,233	26,92,465
29-Jun-11	2231,99,999	29-Jun-11	8-Sep-11	72	13.95%	440,28,493	61,41,975
9-Sep-11	2231,99,999	9-Sep-11	31-Mar-12	205	12.00%	1253,58,904	150,43,068
17-Nov-09	4107,00,000	26-May-11	28-Jun-11	34	13.70%	382,56,986	52,41,207
29-Jun-11	4107,00,000	29-Jun-11	8-Sep-11	72	13.95%	810,14,795	113,01,564
9-Sep-11	4107,00,000	9-Sep-11	31-Mar-12	205	12.00%	2306,67,123	276,80,055
4-Feb-10	2143,00,000	26-May-11	28-Jun-11	34	13.70%	199,62,192	27,34,820
29-Jun-11	2143,00,000	29-Jun-11	8-Sep-11	72	13.95%	422,72,877	58,97,066
9-Sep-11	2143,00,000	9-Sep-11	31-Mar-12	205	12.00%	1203,60,274	144,43,233
15-Apr-10	8040,00,000	26-May-11	28-Jun-11	34	13.70%	748,93,151	102,60,362
29-Jun-11	8040,00,000	29-Jun-11	8-Sep-11	72	13.95%	1585,97,260	221,24,318
9-Sep-11	8040,00,000	9-Sep-11	31-Mar-12	205	12.00%	4515,61,644	541,87,397
13-Aug-10	4464,00,000	26-May-11	28-Jun-11	34	13.70%	415,82,466	56,96,798
29-Jun-11	4464,00,000	29-Jun-11	8-Sep-11	72	13.95%	880,56,986	122,83,950
9-Sep-11	4464,00,000	9-Sep-11	31-Mar-12	205	12.00%	2507,17,808	300,86,137
17-Dec-10	4018,00,000	26-May-11	28-Jun-11	34	14.20%	374,27,945	53,14,768
29-Jun-11	4018,00,000	29-Jun-11	8-Sep-11	72	13.95%	792,59,178	110,56,655
9-Sep-11	4018,00,000	9-Sep-11	31-Mar-12	205	12.00%	2256,68,493	270,80,219
11-Apr-11	6632,00,000	26-May-11	28-Jun-11	34	13.45%	617,77,534	83,09,078
29-Jun-11	6632,00,000	29-Jun-11	8-Sep-11	72	13.95%	1308,23,014	182,49,810
9-Sep-11	6632,00,000	9-Sep-11	31-Mar-12	205	12.00%	3724,82,192	446,97,863
18-Jan-12	8042,00,000	18-Jan-12	31-Mar-12	74	12.50%	1630,43,288	203,80,411
						<b>61273,90,332</b>	<b>7709,61,177</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

**S I D B I**

Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	From	To			Product of Debt Amount	Interest
(1) (2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
28-Jul-06	969,00,000	26-May-11	105	9.50%	278,75,342	26,48,158
8-Sep-11	969,00,000	8-Sep-11	206	12.00%	546,88,767	65,62,652
25-Jun-08	938,00,000	26-May-11	105	11.50%	269,83,562	31,03,110
8-Sep-11	938,00,000	8-Sep-11	206	12.00%	529,39,178	63,52,701
25-Jun-08	957,00,000	26-May-11	105	11.50%	275,30,137	31,65,966
8-Sep-11	957,00,000	8-Sep-11	206	12.00%	540,11,507	64,81,381
30-Jun-08	1148,00,000	26-May-11	105	11.50%	330,24,658	37,97,836
8-Sep-11	1148,00,000	8-Sep-11	206	12.00%	647,91,233	77,74,948
2-Dec-08	1913,00,000	26-May-11	311	12.00%	1629,98,082	195,59,770
30-Mar-09	1531,00,000	26-May-11	311	12.00%	1304,49,589	156,53,951
15-May-09	765,00,000	26-May-11	311	12.00%	651,82,192	78,21,863
1-Sep-09	478,00,000	26-May-11	311	12.00%	407,28,219	48,87,386
27-Nov-09	880,00,000	26-May-11	311	12.00%	749,80,822	89,97,699
3-Feb-10	460,00,000	26-May-11	311	12.00%	391,94,521	47,03,342
31-Mar-10	1700,00,000	26-May-11	311	12.00%	1448,49,315	173,81,918
14-Jul-10	957,00,000	26-May-11	311	12.00%	815,41,644	97,84,997
23-Dec-10	860,00,000	26-May-11	311	12.00%	732,76,712	87,93,205
31-Mar-11	1444,00,000	26-May-11	311	12.00%	1230,36,712	147,64,405
					<b>12780,82,192</b>	<b>1522,35,288</b>

Appendix-11 to Enclosure - 1 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

**Rural Electrification Corporation**

Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	From	To			Product of Debt Amount	Interest
(1) (2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
12-Feb-07	4838,00,000	26-May-11	261	10.50%	3459,50,137	363,24,764
26-Sep-07	4066,00,000	26-May-11	261	12.50%	2907,46,849	363,43,356
19-May-08	4464,00,000	26-May-11	261	12.50%	3192,06,575	399,00,822
30-Jun-08	5357,00,000	26-May-11	261	13.20%	3830,62,192	505,64,209
29-Oct-08	4929,00,000	26-May-11	261	13.95%	3524,57,260	491,67,788
6-Nov-08	2000,00,000	26-May-11	261	13.95%	1430,13,699	199,50,411
14-Nov-08	2000,00,000	26-May-11	261	13.95%	1430,13,699	199,50,411
3-Feb-09	7143,00,000	26-May-11	261	13.95%	5107,73,425	712,52,893
30-Mar-09	3571,00,000	26-May-11	261	13.00%	2553,50,959	331,95,625
21-Jul-09	2232,00,000	26-May-11	261	12.95%	1596,03,288	206,68,626
26-Sep-09	4107,00,000	26-May-11	261	13.70%	2936,78,630	402,33,972
4-Jan-10	2143,00,000	26-May-11	261	13.70%	1532,39,178	209,93,767
7-May-10	8040,00,000	26-May-11	261	13.70%	5749,15,068	787,63,364
9-Sep-10	4464,00,000	26-May-11	261	13.70%	3192,06,575	437,31,301
17-Jan-11	4018,00,000	26-May-11	261	14.20%	2873,14,521	407,98,662
					<b>45315,32,055</b>	<b>6018,39,972</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest during the period 26.05.2011 to 31.03.2012

**Infrastructure Development Finance Company Limited**

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
29-Jun-10	30000,00,000	26-May-11	29-Jun-11	35	11.46%	2876,71,233	329,67,123
30-Jun-11	30000,00,000	30-Jun-11	31-Mar-12	276	12.60%	22684,93,151	2858,30,137
31-Dec-10	12500,00,000	26-May-11	29-Jun-11	35	12.50%	1198,63,014	149,82,877
30-Jun-11	12500,00,000	30-Jun-11	31-Mar-12	276	12.60%	9452,05,479	1190,95,890
28-Mar-11	15000,00,000	26-May-11	29-Jun-11	35	13.16%	1438,35,616	189,28,767
30-Jun-11	15000,00,000	30-Jun-11	31-Mar-12	276	12.60%	11342,46,575	1429,15,068
10-Feb-12	63372,00,000	10-Feb-12	31-Mar-12	51	12.60%	8854,71,781	1115,69,444
						<b>57847,86,849</b>	<b>7262,89,307</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	Allahabad Bank	RTL	38326,94,064	4599,23,288	12.00%	Appendix-1 to Enclosure - 2 to Form 13
2	Indian Bank	RTL	38326,94,064	4599,23,288	12.00%	Appendix-2 to Enclosure - 2 to Form 13
3	Punjab National Bank	RTL	71483,51,846	8626,26,229	12.07%	Appendix-3 to Enclosure - 2 to Form 13
4	Union Bank of India	RTL	12983,60,384	1558,03,246	12.00%	Appendix-4 to Enclosure - 2 to Form 13
5	Bank of India	RTL	22903,63,763	2748,43,651	12.00%	Appendix-5 to Enclosure - 2 to Form 13
6	The Jammu and Kashmir Bank Ltd.	RTL	11415,54,009	1369,86,481	12.00%	Appendix-6 to Enclosure - 2 to Form 13
7	Central Bank of India	RTL	29544,62,488	3545,35,499	12.00%	Appendix-7 to Enclosure - 2 to Form 13
8	I D B I Bank	RTL	16757,34,868	2029,35,884	12.11%	Appendix-8 to Enclosure - 2 to Form 13
9	ICICI Bank Ltd.	RTL	79792,44,666	9747,50,439	12.22%	Appendix-9 to Enclosure - 2 to Form 13
10	SIDBI	RTL	14372,60,274	1724,71,233	12.00%	Appendix-10 to Enclosure - 2 to Form 13
11	Infrastructure Finance Company Limited	RTL	115847,85,607	14584,98,197	12.59%	Appendix-11 to Enclosure - 2 to Form 13
	<b>Total</b>		<b>451755,06,032</b>	<b>55132,97,434</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)					451755,06,032
	Total interest (Rs.)					55132,97,434
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>12.2042%</b>



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

Allahabad Bank

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	40000,00,000	1-Apr-12	14-Jun-12	75	12.00%	8219,17,808	986,30,137
15-Jun-12	39466,66,667	15-Jun-12	14-Jul-12	30	12.00%	3243,83,562	389,26,027
15-Jul-12	38933,33,333	15-Jul-12	14-Aug-12	31	12.00%	3306,66,667	396,80,000
15-Aug-12	38400,00,000	15-Aug-12	14-Sep-12	31	12.00%	3261,36,986	391,36,438
15-Sep-12	37866,66,667	15-Sep-12	14-Oct-12	30	12.00%	3112,32,877	373,47,945
15-Oct-12	37333,33,333	15-Oct-12	31-Mar-13	168	12.00%	17183,56,164	2062,02,740
						<b>38326,94,064</b>	<b>4599,23,288</b>

Appendix-2 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

Indian Bank

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	40000,00,000	1-Apr-12	14-Jun-12	75	12.00%	8219,17,808	986,30,137
15-Jun-12	39466,66,667	15-Jun-12	14-Jul-12	30	12.00%	3243,83,562	389,26,027
15-Jul-12	38933,33,333	15-Jul-12	14-Aug-12	31	12.00%	3306,66,667	396,80,000
15-Aug-12	38400,00,000	15-Aug-12	14-Sep-12	31	12.00%	3261,36,986	391,36,438
15-Sep-12	37866,66,667	15-Sep-12	14-Oct-12	30	12.00%	3112,32,877	373,47,945
15-Oct-12	37333,33,333	15-Oct-12	31-Mar-13	168	12.00%	17183,56,164	2062,02,740
						<b>38326,94,064</b>	<b>4599,23,288</b>

Appendix-3 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

Punjab National Bank

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	69419,93,771	1-Apr-12	14-Jun-12	75	12.00%	14264,37,076	1711,72,449
15-Jun-12	68494,33,854	15-Jun-12	14-Jul-12	30	12.00%	5629,67,166	675,56,060
15-Jul-12	67568,73,937	15-Jul-12	14-Aug-12	31	12.00%	5738,71,485	688,64,578
15-Aug-12	66643,14,020	15-Aug-12	14-Sep-12	31	12.00%	5660,10,232	679,21,228
15-Sep-12	65717,54,103	15-Sep-12	14-Oct-12	30	12.00%	5401,44,173	648,17,301
15-Oct-12	64791,94,186	15-Oct-12	31-Mar-13	168	12.00%	29822,04,447	3578,64,534
5-May-12	51,48,111	5-May-12	14-Jun-12	41	12.00%	5,78,281	69,394
15-Jun-12	50,79,470	15-Jun-12	14-Jul-12	30	12.00%	4,17,491	50,099
15-Jul-12	50,10,828	15-Jul-12	14-Aug-12	31	12.00%	4,25,577	51,069
15-Aug-12	49,42,187	15-Aug-12	14-Sep-12	31	12.00%	4,19,747	50,370
15-Sep-12	48,73,545	15-Sep-12	14-Oct-12	30	12.00%	4,00,565	48,068
15-Oct-12	48,04,904	15-Oct-12	31-Mar-13	168	12.00%	22,11,572	2,65,389
26-Jun-12	74,43,261	26-Jun-12	14-Jul-12	19	12.00%	3,87,457	46,495
15-Jul-12	72,44,774	15-Jul-12	14-Aug-12	31	12.00%	6,15,310	73,837
15-Aug-12	71,45,531	15-Aug-12	14-Sep-12	31	12.00%	6,06,881	72,826
15-Sep-12	70,46,287	15-Sep-12	14-Oct-12	30	12.00%	5,79,147	69,498
15-Oct-12	69,47,044	15-Oct-12	31-Mar-13	168	12.00%	31,97,543	3,83,705
6-Jul-12	4619,00,000	6-Jul-12	14-Jul-12	9	13.50%	113,89,315	15,37,558
15-Jul-12	4495,82,667	15-Jul-12	14-Aug-12	31	13.50%	381,83,733	51,54,804
15-Aug-12	4434,24,000	15-Aug-12	14-Sep-12	31	13.50%	376,60,668	50,84,190
15-Sep-12	4372,65,333	15-Sep-12	14-Oct-12	30	13.50%	359,39,616	48,51,848
15-Oct-12	4311,06,667	15-Oct-12	31-Mar-13	168	13.50%	1984,27,178	267,87,669
21-Aug-12	1555,00,000	21-Aug-12	14-Sep-12	25	12.00%	106,50,685	12,78,082
15-Sep-12	1472,06,667	15-Sep-12	14-Oct-12	30	12.00%	120,99,178	14,51,901
15-Oct-12	1451,33,333	15-Oct-12	31-Mar-13	168	12.00%	668,01,096	80,16,132
4-Sep-12	1086,05,552	4-Sep-12	14-Sep-12	11	12.00%	32,73,044	3,92,765
15-Sep-12	1028,13,256	15-Sep-12	14-Oct-12	30	12.00%	84,50,405	10,14,049
15-Oct-12	1013,65,182	15-Oct-12	31-Mar-13	168	12.00%	466,55,755	55,98,691
28-Sep-12	364,30,740	28-Sep-12	14-Oct-12	17	12.00%	16,96,774	2,03,613
15-Oct-12	340,02,024	15-Oct-12	31-Mar-13	168	12.00%	156,50,247	18,78,030
						<b>71483,51,846</b>	<b>8626,26,229</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

Union Bank of India

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	12010,00,000	1-Apr-12	14-Jun-12	75	12.00%	2467,80,822	296,13,699
15-Jun-12	11849,86,667	15-Jun-12	14-Jul-12	30	12.00%	973,96,164	116,87,540
15-Jul-12	11689,73,333	15-Jul-12	14-Aug-12	31	12.00%	992,82,667	119,13,920
15-Aug-12	11529,60,000	15-Aug-12	14-Sep-12	31	12.00%	979,22,630	117,50,716
15-Sep-12	11369,46,667	15-Sep-12	14-Oct-12	30	12.00%	934,47,671	112,13,721
15-Oct-12	11209,33,333	15-Oct-12	31-Mar-13	168	12.00%	5159,36,438	619,12,373
29-Jun-12	2063,00,000	29-Jun-12	14-Jul-12	16	12.00%	90,43,288	10,85,195
15-Jul-12	2007,98,667	15-Jul-12	14-Aug-12	31	12.00%	170,54,133	20,46,496
15-Aug-12	1980,48,000	15-Aug-12	14-Sep-12	31	12.00%	168,20,515	20,18,462
15-Sep-12	1952,97,333	15-Sep-12	14-Oct-12	30	12.00%	160,51,836	19,26,220
15-Oct-12	1925,46,667	15-Oct-12	31-Mar-13	168	12.00%	886,24,219	106,34,906
						<b>12983,60,384</b>	<b>1558,03,246</b>

Appendix-5 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

Bank of India

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	22210,00,000	1-Apr-12	14-Jun-12	75	12.00%	4563,69,863	547,64,384
15-Jun-12	21913,86,667	15-Jun-12	14-Jul-12	30	12.00%	1801,13,973	216,13,677
15-Jul-12	21617,73,333	15-Jul-12	14-Aug-12	31	12.00%	1836,02,667	220,32,320
15-Aug-12	21321,60,000	15-Aug-12	14-Sep-12	31	12.00%	1810,87,562	217,30,507
15-Sep-12	21025,46,667	15-Sep-12	14-Oct-12	30	12.00%	1728,12,055	207,37,447
15-Oct-12	20729,33,333	15-Oct-12	31-Mar-13	168	12.00%	9541,17,260	1144,94,071
29-Jun-12	2268,00,000	29-Jun-12	14-Jul-12	16	12.00%	99,41,918	11,93,030
15-Jul-12	2207,52,000	15-Jul-12	14-Aug-12	31	12.00%	187,48,800	22,49,856
15-Aug-12	2177,28,000	15-Aug-12	14-Sep-12	31	12.00%	184,91,967	22,19,036
15-Sep-12	2147,04,000	15-Sep-12	14-Oct-12	30	12.00%	176,46,904	21,17,628
15-Oct-12	2116,80,000	15-Oct-12	31-Mar-13	168	12.00%	974,30,795	116,91,695
						<b>22903,63,763</b>	<b>2748,43,651</b>

Appendix-6 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

The Jammu and Kashmir Bank Limited

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	11086,00,000	1-Apr-12	14-Jun-12	75	12.00%	2277,94,521	273,35,342
15-Jun-12	10938,18,667	15-Jun-12	14-Jul-12	30	12.00%	899,02,904	107,88,348
15-Jul-12	10790,37,333	15-Jul-12	14-Aug-12	31	12.00%	916,44,267	109,97,312
15-Aug-12	10642,56,000	15-Aug-12	14-Sep-12	31	12.00%	903,88,866	108,46,664
15-Sep-12	10494,74,667	15-Sep-12	14-Oct-12	30	12.00%	862,58,192	103,50,983
15-Oct-12	10346,93,333	15-Oct-12	31-Mar-13	168	12.00%	4762,42,411	571,49,089
30-Jun-12	1113,00,000	30-Jun-12	14-Jul-12	15	12.00%	45,73,973	5,48,877
15-Jul-12	1083,32,000	15-Jul-12	14-Aug-12	31	12.00%	92,00,800	11,04,096
15-Aug-12	1068,48,000	15-Aug-12	14-Sep-12	31	12.00%	90,74,762	10,88,971
15-Sep-12	1053,64,000	15-Sep-12	14-Oct-12	30	12.00%	86,60,055	10,39,207
15-Oct-12	1038,80,000	15-Oct-12	31-Mar-13	168	12.00%	478,13,260	57,37,591
						<b>11415,54,009</b>	<b>1369,86,481</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

Central Bank of India

Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)		
	From	To			Product of Debt Amount	Interest	
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	30834,31,590	1-Apr-12	14-Jun-12	75	12.00%	6335,81,834	760,29,820
15-Jun-12	30423,19,169	15-Jun-12	14-Jul-12	30	12.00%	2500,53,630	300,06,436
15-Jul-12	30012,06,748	15-Jul-12	14-Aug-12	31	12.00%	2548,97,011	305,87,641
15-Aug-12	29600,94,326	15-Aug-12	14-Sep-12	31	12.00%	2514,05,272	301,68,633
15-Sep-12	29189,81,905	15-Sep-12	14-Oct-12	30	12.00%	2399,16,321	287,89,959
15-Oct-12	28778,69,484	15-Oct-12	31-Mar-13	168	12.00%	13246,08,420	1589,53,010
						<b>29544,62,488</b>	<b>3545,35,499</b>

Appendix-8 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

I D B I Bank

Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)		
	From	To			Product of Debt Amount	Interest	
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	15000,00,000	1-Apr-12	14-Jun-12	75	12.00%	3082,19,178	369,86,301
15-Jun-12	14800,00,000	15-Jun-12	14-Jul-12	30	12.00%	1216,43,836	145,97,260
15-Jul-12	14600,00,000	15-Jul-12	14-Aug-12	31	12.00%	1240,00,000	148,80,000
15-Aug-12	14400,00,000	15-Aug-12	14-Sep-12	31	12.00%	1223,01,370	146,76,164
15-Sep-12	14200,00,000	15-Sep-12	14-Oct-12	30	12.00%	1167,12,329	140,05,479
15-Oct-12	14000,00,000	15-Oct-12	31-Mar-13	168	12.00%	6443,83,562	773,26,027
1-Apr-12	1649,00,000	1-Apr-12	14-Jun-12	75	14.00%	338,83,562	47,43,699
15-Jun-12	1627,01,333	15-Jun-12	14-Jul-12	30	14.00%	133,72,712	18,72,180
15-Jul-12	1605,02,667	15-Jul-12	14-Aug-12	31	14.00%	136,31,733	19,08,443
15-Aug-12	1583,04,000	15-Aug-12	14-Sep-12	31	14.00%	134,44,997	18,82,300
15-Sep-12	1561,05,333	15-Sep-12	27-Sep-12	13	14.00%	55,59,916	7,78,388
28-Sep-12	3251,05,333	28-Sep-12	12-Oct-12	15	13.87%	133,60,493	18,53,100
13-Oct-12	3251,05,333	13-Oct-12	14-Oct-12	2	12.00%	17,81,399	2,13,768
15-Oct-12	3116,40,000	15-Oct-12	31-Mar-13	168	12.00%	1434,39,781	172,12,774
						<b>16757,34,868</b>	<b>2029,35,884</b>

Appendix-9 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

ICICI Bank Limited

Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)		
	From	To			Product of Debt Amount	Interest	
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	69999,57,142	1-Apr-12	14-Jun-12	75	12.00%	14383,47,358	1726,01,683
15-Jun-12	69066,24,380	15-Jun-12	28-Jun-12	14	12.00%	2649,11,620	317,89,394
29-Jun-12	69066,24,380	29-Jun-12	14-Jul-12	16	12.25%	3027,56,137	370,87,627
15-Jul-12	68132,91,618	15-Jul-12	14-Aug-12	31	12.25%	5786,63,124	708,86,233
15-Aug-12	67199,58,856	15-Aug-12	14-Sep-12	31	12.25%	5707,36,232	699,15,188
15-Sep-12	66266,26,094	15-Sep-12	14-Oct-12	30	12.25%	5446,54,200	667,20,139
15-Oct-12	65332,93,333	15-Oct-12	31-Mar-13	168	12.25%	30071,04,876	3683,70,347
1-Apr-12	8042,00,000	1-Apr-12	14-Jun-12	75	12.50%	1652,46,575	206,55,822
15-Jun-12	7934,77,333	15-Jun-12	14-Jul-12	30	12.50%	652,17,315	81,52,164
15-Jul-12	7827,54,667	15-Jul-12	14-Aug-12	31	12.50%	664,80,533	83,10,067
15-Aug-12	7720,32,000	15-Aug-12	14-Sep-12	31	12.50%	655,69,841	81,96,230
15-Sep-12	7613,09,333	15-Sep-12	14-Oct-12	30	12.50%	625,73,370	78,21,671
15-Oct-12	7505,86,667	15-Oct-12	17-Jan-13	95	12.50%	1953,58,174	244,19,772
18-Jan-13	7505,86,667	18-Jan-13	31-Mar-13	73	12.25%	1501,17,333	183,89,373
8-Aug-12	8247,00,000	8-Aug-12	14-Aug-12	7	12.25%	158,16,164	19,37,480
15-Aug-12	7917,12,000	15-Aug-12	14-Sep-12	31	12.25%	672,41,293	82,37,058
15-Sep-12	7807,16,000	15-Sep-12	14-Oct-12	30	12.25%	641,68,438	78,60,634
15-Oct-12	7697,20,000	15-Oct-12	31-Mar-13	168	12.25%	3542,82,082	433,99,555
						<b>79792,44,666</b>	<b>9747,50,439</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

## S I D B I

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	15000,00,000	1-Apr-12	14-Jun-12	75	12.00%	3082,19,178	369,86,301
15-Jun-12	14800,00,000	15-Jun-12	14-Jul-12	30	12.00%	1216,43,836	145,97,260
15-Jul-12	14600,00,000	15-Jul-12	14-Aug-12	31	12.00%	1240,00,000	148,80,000
15-Aug-12	14400,00,000	15-Aug-12	14-Sep-12	31	12.00%	1223,01,370	146,76,164
15-Sep-12	14200,00,000	15-Sep-12	14-Oct-12	30	12.00%	1167,12,329	140,05,479
15-Oct-12	14000,00,000	15-Oct-12	31-Mar-13	168	12.00%	6443,83,562	773,26,027
						<b>14372,60,274</b>	<b>1724,71,233</b>

Appendix-11 to Enclosure -2 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2012-13

## Infrastructure Development Finance Company Limited

Date	Disbursement Amount / Outstanding Balance	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-12	57500,00,000	1-Apr-12	14-Jun-12	75	12.60%	11815,06,849	1488,69,863
15-Jun-12	57500,00,000	15-Jun-12	29-Jun-12	15	12.60%	2363,01,370	297,73,973
30-Jun-12	56733,33,333	30-Jun-12	14-Jul-12	15	12.67%	2331,50,685	295,40,192
15-Jul-12	55966,66,667	15-Jul-12	14-Aug-12	31	12.67%	4753,33,333	602,24,733
15-Aug-12	55200,00,000	15-Aug-12	14-Sep-12	31	12.67%	4688,21,918	593,99,737
15-Sep-12	54433,33,333	15-Sep-12	14-Oct-12	30	12.67%	4473,97,260	566,85,233
15-Oct-12	53666,66,667	15-Oct-12	31-Mar-13	168	12.67%	24701,36,986	3129,66,356
1-Apr-12	63372,00,000	1-Apr-12	14-Jun-12	75	12.60%	13021,64,384	1640,72,712
15-Jun-12	62527,04,000	15-Jun-12	14-Jul-12	30	12.60%	5139,20,877	647,54,030
15-Jul-12	61682,08,000	15-Jul-12	14-Aug-12	31	12.60%	5238,75,200	660,08,275
15-Aug-12	60837,12,000	15-Aug-12	14-Sep-12	31	12.60%	5166,98,827	651,04,052
15-Sep-12	59992,16,000	15-Sep-12	14-Oct-12	30	12.60%	4930,86,247	621,28,867
15-Oct-12	59147,20,000	15-Oct-12	9-Feb-13	118	12.60%	19121,56,055	2409,31,663
10-Feb-13	59147,20,000	10-Feb-13	31-Mar-13	50	12.10%	8102,35,616	980,38,510
						<b>115847,85,607</b>	<b>14584,98,197</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A RUPEE TERM LOAN:</b>						
<b>(Loans prior to Securitisation)</b>						
1	Allahabad Bank	RTL	35375,34,247	4245,04,110	12.00%	Appendix-1 to Enclosure -3 to Form 13
2	Indian Bank	RTL	35375,34,247	4245,04,110	12.00%	Appendix-2 to Enclosure -3 to Form 13
3	Punjab National Bank	RTL	68248,06,902	8189,76,828	12.00%	Appendix-3 to Enclosure -3 to Form 13
4	Union Bank of India	RTL	12445,92,986	1493,51,158	12.00%	Appendix-4 to Enclosure -3 to Form 13
5	Bank of India	RTL	21647,94,082	2597,75,290	12.00%	Appendix-5 to Enclosure -3 to Form 13
6	The Jammu and Kashmir Bank Ltd.	RTL	10788,59,507	1294,63,141	12.00%	Appendix-6 to Enclosure -3 to Form 13
7	Central Bank of India	RTL	27269,36,212	3272,32,345	12.00%	Appendix-7 to Enclosure -3 to Form 13
8	IDBI Bank	RTL	16218,71,014	1946,24,522	12.00%	Appendix-8 to Enclosure -3 to Form 13
9	ICICI Bank Ltd.	RTL	76312,19,412	9355,01,227	12.26%	Appendix-9 to Enclosure -3 to Form 13
10	SIDBI	RTL	13265,75,342	1591,89,041	12.00%	Appendix-10 to Enclosure -3 to Form 13
11	Infrastructure Development Finance Company Limited	RTL	106897,20,986	12972,15,952	12.14%	Appendix-11 to Enclosure -3 to Form 13
<b>(Loans after Securitisation)</b>						
1	Allahabad Bank (Loan A)	RTL	284,89,664	36,32,432	12.75%	Appendix-12 to Enclosure -3 to Form 13
2	Union Bank of India (Loan A)	RTL	205,47,945	26,19,863	12.75%	Appendix-13 to Enclosure -3 to Form 13
3	ICICI Bank Ltd. (Loan A)	RTL	188,53,151	24,03,777	12.75%	Appendix-14 to Enclosure -3 to Form 13
4	Indian Renewable Energy Development Agency Limited (IREDA) (Loan A)	RTL	188,53,151	24,03,777	12.75%	Appendix-15 to Enclosure -3 to Form 13
5	L&T Infrastructure Finance Company Limited (Loan A)	RTL	188,21,918	23,99,795	12.75%	Appendix-16 to Enclosure -3 to Form 13
6	Life Insurance Corporation of India (LIC) (Loan A)	RTL	308,21,918	39,29,795	12.75%	Appendix-17 to Enclosure -3 to Form 13
7	Power Finance Corporation Limited (PFC) (Loan A)	RTL	945,20,548	120,51,370	12.75%	Appendix-18 to Enclosure -3 to Form 13
8	PTC Financial Services Limited (PFC) (Loan A)	RTL	123,46,027	15,74,118	12.75%	Appendix-19 to Enclosure -3 to Form 13
9	Infrastructure Development Finance Company Limited (Loan A)	RTL	980,84,296	125,05,748	12.75%	Appendix-20 to Enclosure -3 to Form 13
1	ICICI Bank Ltd. (Loan B)	RTL	58,04,384	7,40,059	12.75%	Appendix-21 to Enclosure -3 to Form 13
2	Indian Renewable Energy Development Agency Limited (IREDA) (Loan B)	RTL	58,04,384	7,40,059	12.75%	Appendix-22 to Enclosure -3 to Form 13
3	L&T Infrastructure Finance Company Limited (Loan B)	RTL	58,35,616	7,44,041	12.75%	Appendix-23 to Enclosure -3 to Form 13
4	Life Insurance Corporation of India (LIC) (Loan B)	RTL	102,73,973	13,09,932	12.75%	Appendix-24 to Enclosure -3 to Form 13
5	Power Finance Corporation Limited (PFC) (Loan B)	RTL	287,67,123	36,67,808	12.75%	Appendix-25 to Enclosure -3 to Form 13
6	PTC Financial Services Limited (PFC) (Loan B)	RTL	40,92,329	5,21,772	12.75%	Appendix-26 to Enclosure -3 to Form 13
7	Infrastructure Development Finance Company Limited (Loan B)	RTL	361,61,918	46,10,645	12.75%	Appendix-27 to Enclosure -3 to Form 13
8	IFCI Limited (Loan B)	RTL	164,38,356	22,60,274	13.75%	Appendix-28 to Enclosure -3 to Form 13
<b>Total</b>			<b>428389,61,636</b>	<b>51784,52,986</b>		
<b>B WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>						
Total Product of Debt Amount (Rs.)			428389,61,636			428389,61,636
Total Interest (Rs.)				51784,52,986		51784,52,986
<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>						<b>12.0882%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Allahabad Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	37333,33,333	1-Apr-13	14-Jun-13	75	12.00%	7671,23,288	920,54,795
15-Jun-13	36800,00,000	15-Jun-13	14-Jul-13	30	12.00%	3024,65,753	362,95,890
15-Jul-13	36266,66,667	15-Jul-13	14-Aug-13	31	12.00%	3080,18,265	369,62,192
15-Aug-13	35733,33,333	15-Aug-13	14-Sep-13	31	12.00%	3034,88,584	364,18,630
15-Sep-13	35200,00,000	15-Sep-13	14-Oct-13	30	12.00%	2893,15,068	347,17,808
15-Oct-13	34666,66,667	15-Oct-13	28-Mar-14	165	12.00%	15671,23,288	1880,54,795
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>35375,34,247</b>	<b>4245,04,110</b>

Appendix-2 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Indian Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	37333,33,333	1-Apr-13	14-Jun-13	75	12.00%	7671,23,288	920,54,795
15-Jun-13	36800,00,000	15-Jun-13	14-Jul-13	30	12.00%	3024,65,753	362,95,890
15-Jul-13	36266,66,667	15-Jul-13	14-Aug-13	31	12.00%	3080,18,265	369,62,192
15-Aug-13	35733,33,333	15-Aug-13	14-Sep-13	31	12.00%	3034,88,584	364,18,630
15-Sep-13	35200,00,000	15-Sep-13	14-Oct-13	30	12.00%	2893,15,068	347,17,808
15-Oct-13	34666,66,667	15-Oct-13	28-Mar-14	165	12.00%	15671,23,288	1880,54,795
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>35375,34,247</b>	<b>4245,04,110</b>

Appendix-3 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Punjab National Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	72025,53,339	1-Apr-13	14-Jun-13	75	12.00%	14799,76,714	1775,97,206
15-Jun-13	70996,59,720	15-Jun-13	14-Jul-13	30	12.00%	5835,33,676	700,24,041
15-Jul-13	69967,66,101	15-Jul-13	14-Aug-13	31	12.00%	5942,45,888	713,09,507
15-Aug-13	68938,72,482	15-Aug-13	14-Sep-13	31	12.00%	5855,06,978	702,60,837
15-Sep-13	67909,78,863	15-Sep-13	14-Oct-13	30	12.00%	5581,62,646	669,79,518
15-Oct-13	66880,85,244	15-Oct-13	28-Mar-14	165	12.00%	30233,81,001	3628,05,720
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>68248,06,902</b>	<b>8189,76,828</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Union Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	13134,80,000	1-Apr-13	14-Jun-13	75	12.00%	2698,93,151	323,87,178
15-Jun-13	12947,16,000	15-Jun-13	14-Jul-13	30	12.00%	1064,15,014	127,69,802
15-Jul-13	12759,52,000	15-Jul-13	14-Aug-13	31	12.00%	1083,68,526	130,04,223
15-Aug-13	12571,88,000	15-Aug-13	14-Sep-13	31	12.00%	1067,74,871	128,12,985
15-Sep-13	12384,24,000	15-Sep-13	14-Oct-13	30	12.00%	1017,88,274	122,14,593
15-Oct-13	12196,60,000	15-Oct-13	28-Mar-14	165	12.00%	5513,53,151	661,62,378
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>12445,92,986</b>	<b>1493,51,158</b>

Appendix-5 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	22846,13,333	1-Apr-13	14-Jun-13	75	12.00%	4694,41,096	563,32,932
15-Jun-13	22519,76,000	15-Jun-13	14-Jul-13	30	12.00%	1850,93,918	222,11,270
15-Jul-13	22193,38,667	15-Jul-13	14-Aug-13	31	12.00%	1884,91,777	226,19,013
15-Aug-13	21867,01,333	15-Aug-13	14-Sep-13	31	12.00%	1857,19,839	222,86,381
15-Sep-13	21540,64,000	15-Sep-13	14-Oct-13	30	12.00%	1770,46,356	212,45,563
15-Oct-13	21214,26,667	15-Oct-13	28-Mar-14	165	12.00%	9590,01,096	1150,80,132
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>21647,94,082</b>	<b>2597,75,290</b>

Appendix-6 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

The Jammu and Kashmir Bank Limited

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	11385,73,333	1-Apr-13	14-Jun-13	75	12.00%	2339,53,425	280,74,411
15-Jun-13	11223,08,000	15-Jun-13	14-Jul-13	30	12.00%	922,44,493	110,69,339
15-Jul-13	11060,42,667	15-Jul-13	14-Aug-13	31	12.00%	939,37,870	112,72,544
15-Aug-13	10897,77,333	15-Aug-13	14-Sep-13	31	12.00%	925,56,431	111,06,772
15-Sep-13	10735,12,000	15-Sep-13	14-Oct-13	30	12.00%	882,33,863	105,88,064
15-Oct-13	10572,46,667	15-Oct-13	28-Mar-14	165	12.00%	4779,33,425	573,52,011
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>10788,59,507</b>	<b>1294,63,141</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Central Bank of India

Date	Outstanding Balance		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	Amount (Rs.)	(2)	From	To			(3)	(4)
(1)					(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	28778,69,484		1-Apr-13	14-Jun-13	75	12.00%	5913,43,045	709,61,165
15-Jun-13	28367,57,063		15-Jun-13	14-Jul-13	30	12.00%	2331,58,115	279,78,974
15-Jul-13	27956,44,642		15-Jul-13	14-Aug-13	31	12.00%	2374,38,312	284,92,597
15-Aug-13	27545,32,220		15-Aug-13	14-Sep-13	31	12.00%	2339,46,572	280,73,589
15-Sep-13	27134,19,799		15-Sep-13	14-Oct-13	30	12.00%	2230,20,805	267,62,497
15-Oct-13	26723,07,378		15-Oct-13	28-Mar-14	165	12.00%	12080,29,363	1449,63,524
29-Mar-14	-		29-Mar-14	31-Mar-14	3	12.00%	-	-
							<b>27269,36,212</b>	<b>3272,32,345</b>

Appendix-8 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

I D B I Bank

Date	Outstanding Balance		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	Amount (Rs.)	(2)	From	To			(3)	(4)
(1)					(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	17116,40,000		1-Apr-13	14-Jun-13	75	12.00%	3517,06,849	422,04,822
15-Jun-13	16871,88,000		15-Jun-13	14-Jul-13	30	12.00%	1386,72,986	166,40,758
15-Jul-13	16627,36,000		15-Jul-13	14-Aug-13	31	12.00%	1412,18,674	169,46,241
15-Aug-13	16382,84,000		15-Aug-13	14-Sep-13	31	12.00%	1391,41,929	166,97,031
15-Sep-13	16138,32,000		15-Sep-13	14-Oct-13	30	12.00%	1326,43,726	159,17,247
15-Oct-13	15893,80,000		15-Oct-13	28-Mar-14	165	12.00%	7184,86,849	862,18,422
29-Mar-14	-		29-Mar-14	31-Mar-14	3	12.00%	-	-
							<b>16218,71,014</b>	<b>1946,24,522</b>



PETITIONER



Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

ICICI Bank Limited

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	65332,93,333	1-Apr-13	14-Jun-13	75	12.25%	13424,57,534	1644,51,048
15-Jun-13	64399,60,571	15-Jun-13	14-Jul-13	30	12.25%	5293,11,828	648,40,699
15-Jul-13	63466,27,809	15-Jul-13	14-Aug-13	31	12.25%	5390,28,663	660,31,011
15-Aug-13	62532,95,047	15-Aug-13	14-Sep-13	31	12.25%	5311,01,771	650,59,967
15-Sep-13	61599,62,285	15-Sep-13	14-Oct-13	30	12.25%	5062,98,270	620,21,538
15-Oct-13	60666,29,523	15-Oct-13	28-Mar-14	165	12.25%	27424,48,962	3359,49,998
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.25%	-	-
1-Apr-13	15203,06,667	1-Apr-13	14-Jun-13	75	12.25%	3123,91,781	382,67,993
15-Jun-13	14985,88,000	15-Jun-13	14-Jul-13	30	12.25%	1231,71,616	150,88,523
15-Jul-13	14768,69,333	15-Jul-13	14-Aug-13	31	12.25%	1254,32,738	153,65,510
15-Aug-13	14551,50,667	15-Aug-13	14-Sep-13	31	12.25%	1235,88,139	151,39,547
15-Sep-13	14334,32,000	15-Sep-13	14-Oct-13	30	12.25%	1178,16,329	144,32,500
15-Oct-13	14117,13,333	15-Oct-13	17-Jan-14	95	12.25%	3674,32,237	450,10,449
18-Jan-14	14117,13,333	18-Jan-14	28-Mar-14	70	12.50%	2707,39,543	338,42,443
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.50%	-	-
						<b>76312,19,412</b>	<b>9355,01,227</b>

Appendix-10 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

S I D B I

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	14000,00,000	1-Apr-13	14-Jun-13	75	12.00%	2876,71,233	345,20,548
15-Jun-13	13800,00,000	15-Jun-13	14-Jul-13	30	12.00%	1134,24,658	136,10,959
15-Jul-13	13600,00,000	15-Jul-13	14-Aug-13	31	12.00%	1155,06,849	138,60,822
15-Aug-13	13400,00,000	15-Aug-13	14-Sep-13	31	12.00%	1138,08,219	136,56,986
15-Sep-13	13200,00,000	15-Sep-13	14-Oct-13	30	12.00%	1084,93,151	130,19,178
15-Oct-13	13000,00,000	15-Oct-13	28-Mar-14	165	12.00%	5876,71,233	705,20,548
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
						<b>13265,75,342</b>	<b>1591,89,041</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Infrastructure Development Finance Company Limited

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-13	53666,66,667	1-Apr-13	14-Jun-13	75	12.67%	11027,39,726	1397,17,123
15-Jun-13	52900,00,000	15-Jun-13	29-Jun-13	15	12.67%	2173,97,260	275,44,233
30-Jun-13	52900,00,000	30-Jun-13	14-Jul-13	15	12.00%	2173,97,260	260,87,671
15-Jul-13	52133,33,333	15-Jul-13	14-Aug-13	31	12.00%	4427,76,256	531,33,151
15-Aug-13	51366,66,667	15-Aug-13	14-Sep-13	31	12.00%	4362,64,840	523,51,781
15-Sep-13	50600,00,000	15-Sep-13	14-Oct-13	30	12.00%	4158,90,411	499,06,849
15-Oct-13	49833,33,333	15-Oct-13	28-Mar-14	165	12.00%	22527,39,726	2703,28,767
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.00%	-	-
1-Apr-13	59147,20,000	1-Apr-13	14-Jun-13	75	12.10%	12153,53,425	1470,57,764
15-Jun-13	58302,24,000	15-Jun-13	14-Jul-13	30	12.10%	4791,96,493	579,82,776
15-Jul-13	57457,28,000	15-Jul-13	14-Aug-13	31	12.10%	4879,93,337	590,47,194
15-Aug-13	56612,32,000	15-Aug-13	14-Sep-13	31	12.10%	4808,16,964	581,78,853
15-Sep-13	55767,36,000	15-Sep-13	14-Oct-13	30	12.10%	4583,61,863	554,61,785
15-Oct-13	54922,40,000	15-Oct-13	28-Mar-14	165	12.10%	24827,93,425	3004,18,004
29-Mar-14	-	29-Mar-14	31-Mar-14	3	12.10%	-	-
						<b>106897,20,986</b>	<b>12972,15,952</b>

Appendix-12 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Allahabad Bank (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
29-Mar-14	34662,42,457	29-Mar-14	31-Mar-14	3	12.75%	284,89,664	36,32,432
						<b>284,89,664</b>	<b>36,32,432</b>

Appendix-13 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Union Bank (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
29-Mar-14	25000,00,000	29-Mar-14	31-Mar-14	3	12.75%	205,47,945	26,19,863
						<b>205,47,945</b>	<b>26,19,863</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

ICICI Bank Ltd. (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1) 29-Mar-14	(2) 22938,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 188,53,151	'7' X '6' = (8) 24,03,777
						<b>188,53,151</b>	<b>24,03,777</b>

Appendix-15 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Indian Renewable Energy Development Agency Limited (IREDA) (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1) 29-Mar-14	(2) 22938,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 188,53,151	'7' X '6' = (8) 24,03,777
						<b>188,53,151</b>	<b>24,03,777</b>

Appendix-16 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

L&T Infrastructure Finance Company Limited (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1) 29-Mar-14	(2) 22900,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 188,21,918	'7' X '6' = (8) 23,99,795
						<b>188,21,918</b>	<b>23,99,795</b>

Appendix-17 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Life Insurance Corporation of India (LIC) (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1) 29-Mar-14	(2) 37500,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 308,21,918	'7' X '6' = (8) 39,29,795
						<b>308,21,918</b>	<b>39,29,795</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

146

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Power Finance Corporation Limited (PFC) (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 115000,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 945,20,548	'7' X '6' = (8) 120,51,370
						<b>945,20,548</b>	<b>120,51,370</b>

Appendix-19 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

PTC Financial Services Limited (PFC) (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 15021,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 123,46,027	'7' X '6' = (8) 15,74,118
						<b>123,46,027</b>	<b>15,74,118</b>

Appendix-20 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

IDFC Limited (Loan A)

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 119335,89,324	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 980,84,296	'7' X '6' = (8) 125,05,748
						<b>980,84,296</b>	<b>125,05,748</b>

Appendix-21 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

ICICI Bank Ltd. (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 7062,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 58,04,384	'7' X '6' = (8) 7,40,059
						<b>58,04,384</b>	<b>7,40,059</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

147

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Indian Renewable Energy Development Agency Limited (IREDA) (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 7062,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 58,04,384	'7' X '6' = (8) 7,40,059
						<b>58,04,384</b>	<b>7,40,059</b>

Appendix-23 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

L&T Infrastructure Finance Company Limited (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 7100,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 58,35,616	'7' X '6' = (8) 7,44,041
						<b>58,35,616</b>	<b>7,44,041</b>

Appendix-24 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Life Insurance Corporation of India (LIC) (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 12500,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 102,73,973	'7' X '6' = (8) 13,09,932
						<b>102,73,973</b>	<b>13,09,932</b>

Appendix-25 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

Power Finance Corporation Limited (PFC) (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest
(1) 29-Mar-14	(2) 35000,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 287,67,123	'7' X '6' = (8) 36,67,808
						<b>287,67,123</b>	<b>36,67,808</b>



PETITIONER

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

148

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

PTC Financial Services Limited (PFC) (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)	Interest
(1) 29-Mar-14	(2) 4979,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 40,92,329	'7' X '6' = (8) 5,21,772	5,21,772
						<b>40,92,329</b>	<b>5,21,772</b>	<b>5,21,772</b>

Appendix-27 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

IDFC Limited (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)	Interest
(1) 29-Mar-14	(2) 43997,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 12.75%	'2' X '5' / 365 = (7) 361,61,918	'7' X '6' = (8) 46,10,645	46,10,645
						<b>361,61,918</b>	<b>46,10,645</b>	<b>46,10,645</b>

Appendix-28 to Enclosure -3 to Form 13

Name of the Petitioner : Jaiprakash Power Ventures Limited  
Name of the Generating Station : Jaypee Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2013-14

IFCI Limited (Loan B)

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)	Interest
(1) 29-Mar-14	(2) 20000,00,000	(3) 29-Mar-14	(4) 31-Mar-14	(5) 3	(6) 13.75%	'2' X '5' / 365 = (7) 164,38,356	'7' X '6' = (8) 22,60,274	22,60,274
						<b>164,38,356</b>	<b>22,60,274</b>	<b>22,60,274</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	IDFC Ltd. - Loan B	RTL	40656,24,149	5183,67,079	12.75%	Appendix-1 to Enclosure -4 to Form 13
2	ICICI Bank - Loan B	RTL	6525,77,170	832,03,589	12.75%	Appendix-2 to Enclosure -4 to Form 13
3	IFCI - Loan B	RTL	18481,36,986	2541,18,836	13.75%	Appendix-3 to Enclosure -4 to Form 13
4	LIC of India - Loan B	RTL	11550,85,616	1472,73,416	12.75%	Appendix-4 to Enclosure -4 to Form 13
5	L&T Infra - Loan B	RTL	6560,88,630	836,51,300	12.75%	Appendix-5 to Enclosure -4 to Form 13
6	PFC - Loan B	RTL	32342,39,726	4123,65,565	12.75%	Appendix-6 to Enclosure -4 to Form 13
7	PTC - Loan B	RTL	4600,93,703	586,61,947	12.75%	Appendix-7 to Enclosure -4 to Form 13
8	IREDA - Loan B	RTL	6525,77,170	832,03,589	12.75%	Appendix-8 to Enclosure -4 to Form 13
9	Allahabad Bank - Loan A	RTL	34662,42,457	4419,45,913	12.75%	Appendix-9 to Enclosure -4 to Form 13
10	ICICI Bank - Loan A	RTL	22938,00,000	2924,59,500	12.75%	Appendix-10 to Enclosure -4 to Form 13
11	IDFC Ltd. - Loan A	RTL	119335,89,324	15215,32,639	12.75%	Appendix-11 to Enclosure -4 to Form 13
12	LIC - Loan A	RTL	37500,00,000	4781,25,000	12.75%	Appendix-12 to Enclosure -4 to Form 13
13	L&T Infra - Loan A	RTL	22900,00,000	2919,75,000	12.75%	Appendix-13 to Enclosure -4 to Form 13
14	PFC - Loan A	RTL	115000,00,000	14662,50,000	12.75%	Appendix-14 to Enclosure -4 to Form 13
15	PTC - Loan A	RTL	15021,00,000	1915,17,750	12.75%	Appendix-15 to Enclosure -4 to Form 13
16	IREDA - Loan A	RTL	22938,00,000	2924,59,500	12.75%	Appendix-16 to Enclosure -4 to Form 13
17	Union Bank of India - Loan A	RTL	25000,00,000	3187,50,000	12.75%	Appendix-17 to Enclosure -4 to Form 13
	<b>Total</b>		<b>542539,54,932</b>	<b>69358,60,624</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)		542539,54,932	542539,54,932		542539,54,932
	Total interest (Rs.)			69358,60,624		69358,60,624
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>12.784%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

IDFC Ltd. - Loan B

Date	Outstanding Balance		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	Amount (Rs.)	(2)	From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)	
1-Apr-14	43997,00,000	1-Apr-14	12-Jun-14	73	12.75%	8799,40,000	1121,92,350	
13-Jun-14	42936,67,230	13-Jun-14	14-Jul-14	32	12.75%	3764,31,100	479,94,965	
15-Jul-14	41876,34,460	15-Jul-14	12-Aug-14	29	12.75%	3327,16,163	424,21,311	
13-Aug-14	40816,01,690	13-Aug-14	14-Sep-14	33	12.75%	3690,21,523	470,50,244	
15-Sep-14	39755,68,920	15-Sep-14	13-Oct-14	29	12.75%	3158,67,120	402,73,058	
14-Oct-14	38695,36,150	14-Oct-14	31-Mar-15	169	12.75%	17916,48,245	2284,35,151	
						<b>40656,24,149</b>	<b>5183,67,079</b>	

Appendix-2 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

ICICI Bank - Loan B

Date	Outstanding Balance		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	Amount (Rs.)	(2)	From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)	
1-Apr-14	7062,00,000	1-Apr-14	12-Jun-14	73	12.75%	1412,40,000	180,08,100	
13-Jun-14	6891,80,580	13-Jun-14	14-Jul-14	32	12.75%	604,21,311	77,03,717	
15-Jul-14	6721,61,160	15-Jul-14	12-Aug-14	29	12.75%	534,04,585	68,09,085	
13-Aug-14	6551,41,740	13-Aug-14	14-Sep-14	33	12.75%	592,31,993	75,52,079	
15-Sep-14	6381,22,320	15-Sep-14	13-Oct-14	29	12.75%	507,00,130	64,64,267	
14-Oct-14	6211,02,900	14-Oct-14	31-Mar-15	169	12.75%	2875,79,151	366,66,342	
						<b>6525,77,170</b>	<b>832,03,589</b>	

Appendix-3 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

IFCI - Loan B

Date	Outstanding Balance		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	Amount (Rs.)	(2)	From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)	
1-Apr-14	20000,00,000	1-Apr-14	12-Jun-14	73	13.75%	4000,00,000	550,00,000	
13-Jun-14	19518,00,000	13-Jun-14	14-Jul-14	32	13.75%	1711,16,712	235,28,548	
15-Jul-14	19036,00,000	15-Jul-14	12-Aug-14	29	13.75%	1512,44,932	207,96,178	
13-Aug-14	18554,00,000	13-Aug-14	14-Sep-14	33	13.75%	1677,48,493	230,65,418	
15-Sep-14	18072,00,000	15-Sep-14	13-Oct-14	29	13.75%	1435,85,753	197,43,041	
14-Oct-14	17590,00,000	14-Oct-14	31-Mar-15	169	13.75%	8144,41,096	1119,85,651	
						<b>18481,36,986</b>	<b>2541,18,836</b>	



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

LIC of India - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	12500,00,000	1-Apr-14	12-Jun-14	73	12.75%	2500,00,000	318,75,000
13-Jun-14	12198,75,000	13-Jun-14	14-Jul-14	32	12.75%	1069,47,945	136,35,863
15-Jul-14	11897,50,000	15-Jul-14	12-Aug-14	29	12.75%	945,28,082	120,52,330
13-Aug-14	11596,25,000	13-Aug-14	14-Sep-14	33	12.75%	1048,42,808	133,67,458
15-Sep-14	11295,00,000	15-Sep-14	13-Oct-14	29	12.75%	897,41,096	114,41,990
14-Oct-14	10993,75,000	14-Oct-14	31-Mar-15	169	12.75%	5090,25,685	649,00,775
						<b>11550,85,616</b>	<b>1472,73,416</b>

Appendix-5 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

L&T Infra - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	7100,00,000	1-Apr-14	12-Jun-14	73	12.75%	1420,00,000	181,05,000
13-Jun-14	6928,89,000	13-Jun-14	14-Jul-14	32	12.75%	607,46,433	77,45,170
15-Jul-14	6757,78,000	15-Jul-14	12-Aug-14	29	12.75%	536,91,951	68,45,724
13-Aug-14	6586,67,000	13-Aug-14	14-Sep-14	33	12.75%	595,50,715	75,92,716
15-Sep-14	6415,56,000	15-Sep-14	13-Oct-14	29	12.75%	509,72,942	64,99,050
14-Oct-14	6244,45,000	14-Oct-14	31-Mar-15	169	12.75%	2891,26,589	368,63,640
						<b>6560,88,630</b>	<b>836,51,300</b>

Appendix-6 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

PFC - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	35000,00,000	1-Apr-14	12-Jun-14	73	12.75%	7000,00,000	892,50,000
13-Jun-14	34156,50,000	13-Jun-14	14-Jul-14	32	12.75%	2994,54,247	381,80,416
15-Jul-14	33313,00,000	15-Jul-14	12-Aug-14	29	12.75%	2646,78,630	337,46,525
13-Aug-14	32469,50,000	13-Aug-14	14-Sep-14	33	12.75%	2935,59,863	374,28,883
15-Sep-14	31626,00,000	15-Sep-14	13-Oct-14	29	12.75%	2512,75,068	320,37,571
14-Oct-14	30782,50,000	14-Oct-14	31-Mar-15	169	12.75%	14252,71,918	1817,22,170
						<b>32342,39,726</b>	<b>4123,65,565</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

PTC - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	4979,00,000	1-Apr-14	12-Jun-14	73	12.75%	995,80,000	126,96,450
13-Jun-14	4859,00,610	13-Jun-14	14-Jul-14	32	12.75%	425,99,506	54,31,437
15-Jul-14	4739,01,220	15-Jul-14	12-Aug-14	29	12.75%	376,52,426	48,00,684
13-Aug-14	4619,01,830	13-Aug-14	14-Sep-14	33	12.75%	417,60,987	53,24,526
15-Sep-14	4499,02,440	15-Sep-14	13-Oct-14	29	12.75%	357,45,673	45,57,573
14-Oct-14	4379,03,050	14-Oct-14	31-Mar-15	169	12.75%	2027,55,111	258,51,277
						4600,93,703	586,61,947

Appendix-8 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

IREDA - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	7062,00,000	1-Apr-14	12-Jun-14	73	12.75%	1412,40,000	180,08,100
13-Jun-14	6891,80,580	13-Jun-14	14-Jul-14	32	12.75%	604,21,311	77,03,717
15-Jul-14	6721,61,160	15-Jul-14	12-Aug-14	29	12.75%	534,04,585	68,09,085
13-Aug-14	6551,41,740	13-Aug-14	14-Sep-14	33	12.75%	592,31,993	75,52,079
15-Sep-14	6381,22,320	15-Sep-14	13-Oct-14	29	12.75%	507,00,130	64,64,267
14-Oct-14	6211,02,900	14-Oct-14	31-Mar-15	169	12.75%	2875,79,151	366,66,342
						6525,77,170	832,03,589

Appendix-9 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

Allahabad Bank - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	34662,42,457	1-Apr-14	31-Mar-15	365	12.75%	34662,42,457	4419,45,913
						34662,42,457	4419,45,913



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

ICICI Bank - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	22938,00,000	1-Apr-14	31-Mar-15	365	12.75%	22938,00,000	2924,59,500
						<b>22938,00,000</b>	<b>2924,59,500</b>

Appendix-11 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

IDFC Ltd. - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt	Interest Amount (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	119335,89,324	1-Apr-14	31-Mar-15	365	12.75%	119335,89,324	15215,32,639
						<b>119335,89,324</b>	<b>15215,32,639</b>

Appendix-12 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

LIC - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	37500,00,000	1-Apr-14	31-Mar-15	365	12.75%	37500,00,000	4781,25,000
						<b>37500,00,000</b>	<b>4781,25,000</b>

Appendix-13 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

L&T Infra - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period From	Interest Period To	No. of Days	Rate	Product of Debt Amount	Interest Amount (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	22900,00,000	1-Apr-14	31-Mar-15	365	12.75%	22900,00,000	2919,75,000
						<b>22900,00,000</b>	<b>2919,75,000</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

PFC - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	115000,00,000	1-Apr-14	31-Mar-15	365	12.75%	115000,00,000	14662,50,000
						<b>115000,00,000</b>	<b>14662,50,000</b>

Appendix-15 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

PTC - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	15021,00,000	1-Apr-14	31-Mar-15	365	12.75%	15021,00,000	1915,17,750
						<b>15021,00,000</b>	<b>1915,17,750</b>

Appendix-16 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

IREDA - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	22938,00,000	1-Apr-14	31-Mar-15	365	12.75%	22938,00,000	2924,59,500
						<b>22938,00,000</b>	<b>2924,59,500</b>

Appendix-17 to Enclosure - 4 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2014-15

Union Bank of India - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-14	25000,00,000	1-Apr-14	31-Mar-15	365	12.75%	25000,00,000	3187,50,000
						<b>25000,00,000</b>	<b>3187,50,000</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	IDFC Ltd. - Loan B	RTL	18273,21,977	2329,83,552	12.75%	Appendix-1 to Enclosure -5 to Form 13
2	ICICI Bank - Loan B	RTL	3152,89,278	401,99,383	12.75%	Appendix-2 to Enclosure -5 to Form 13
3	IFCI - Loan B	RTL	8265,06,849	1136,44,692	13.75%	Appendix-3 to Enclosure -5 to Form 13
4	LIC of India - Loan B	RTL	5165,66,781	658,62,265	12.75%	Appendix-4 to Enclosure -5 to Form 13
5	L&T Infra - Loan B	RTL	3155,12,329	402,27,822	12.75%	Appendix-5 to Enclosure -5 to Form 13
6	PFC - Loan B	RTL	15838,12,329	2019,36,072	12.75%	Appendix-6 to Enclosure -5 to Form 13
7	PTC - Loan B	RTL	2088,58,819	266,29,499	12.75%	Appendix-7 to Enclosure -5 to Form 13
8	IREDA - Loan B	RTL	2933,05,175	373,96,410	12.75%	Appendix-8 to Enclosure -5 to Form 13
9	Allahabad Bank - Loan A	RTL	18518,28,162	2361,08,091	12.75%	Appendix-9 to Enclosure -5 to Form 13
10	ICICI Bank - Loan A	RTL	12317,39,178	1570,46,745	12.75%	Appendix-10 to Enclosure -5 to Form 13
11	IDFC Ltd. - Loan A	RTL	59177,52,514	7545,13,446	12.75%	Appendix-11 to Enclosure -5 to Form 13
12	LIC - Loan A	RTL	18493,15,068	2357,87,671	12.75%	Appendix-12 to Enclosure -5 to Form 13
13	L&T Infra - Loan A	RTL	12234,24,658	1559,86,644	12.75%	Appendix-13 to Enclosure -5 to Form 13
14	PFC - Loan A	RTL	62383,56,164	7953,90,411	12.75%	Appendix-14 to Enclosure -5 to Form 13
15	PTC - Loan A	RTL	7531,07,671	960,21,228	12.75%	Appendix-15 to Enclosure -5 to Form 13
16	IREDA - Loan A	RTL	11311,89,041	1442,26,603	12.75%	Appendix-16 to Enclosure -5 to Form 13
17	Union Bank of India - Loan A	RTL	12328,76,712	1571,91,781	12.75%	Appendix-17 to Enclosure -5 to Form 13
	<b>Total</b>		<b>273167,62,706</b>	<b>34911,52,314</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)		273167,62,706			273167,62,706
	Total Interest (Rs.)			34911,52,314		34911,52,314
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>12.780%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

IDFC Ltd. - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	38695,36,150	1-Apr-15	14-Jun-15	75	12.75%	7951,10,168	1013,76,546
15-Jun-15	37353,45,300	15-Jun-15	10-Jul-15	26	12.75%	2660,79,391	339,25,122
11-Jul-15	36011,54,450	11-Jul-15	10-Aug-15	31	12.75%	3058,51,474	389,96,063
11-Aug-15	34669,63,600	11-Aug-15	31-Aug-15	21	12.75%	1994,69,139	254,32,315
1-Sep-15	34669,63,600	1-Sep-15	14-Sep-15	14	12.75%	1329,79,426	169,54,877
15-Sep-15	33327,72,750	15-Sep-15	28-Sep-15	14	12.75%	1278,32,379	162,98,628
29-Sep-15	-	29-Sep-15	30-Sep-15	2	12.75%		
						<b>18273,21,977</b>	<b>2329,83,552</b>

Appendix-2 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

ICICI Bank - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	6211,02,900	1-Apr-15	14-Jun-15	75	12.75%	1276,23,884	162,72,045
15-Jun-15	5995,63,800	15-Jun-15	10-Jul-15	26	12.75%	427,08,654	54,45,353
11-Jul-15	5780,24,700	11-Jul-15	10-Aug-15	31	12.75%	490,92,509	62,59,295
11-Aug-15	5564,85,600	11-Aug-15	31-Aug-15	21	12.75%	320,16,980	40,82,165
1-Sep-15	5564,85,600	1-Sep-15	14-Sep-15	14	12.75%	213,44,653	27,21,443
15-Sep-15	5349,46,500	15-Sep-15	30-Sep-15	16	12.75%	234,49,710	29,89,838
1-Oct-15	5349,46,500	1-Oct-15	13-Oct-15	13	12.75%	190,52,889	24,29,243
						<b>3152,89,278</b>	<b>401,99,383</b>

Appendix-3 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

IFCI - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	17590,00,000	1-Apr-15	14-Jun-15	75	13.75%	3614,38,356	496,97,774
15-Jun-15	16980,00,000	15-Jun-15	10-Jul-15	26	13.75%	1209,53,425	166,31,096
11-Jul-15	16370,00,000	11-Jul-15	10-Aug-15	31	13.75%	1390,32,877	191,17,021
11-Aug-15	15760,00,000	11-Aug-15	31-Aug-15	21	13.75%	906,73,973	124,67,671
1-Sep-15	15760,00,000	1-Sep-15	14-Sep-15	14	13.75%	604,49,315	83,11,781
15-Sep-15	15150,00,000	15-Sep-15	27-Sep-15	13	13.75%	539,58,904	74,19,349
28-Sep-15	-	28-Sep-15	30-Sep-15	3	13.75%		
						<b>8265,06,849</b>	<b>1136,44,692</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

LIC of India - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	10993,75,000	1-Apr-15	14-Jun-15	75	12.75%	2258,98,973	288,02,119
15-Jun-15	10612,50,000	15-Jun-15	10-Jul-15	26	12.75%	755,95,890	96,38,476
11-Jul-15	10231,25,000	11-Jul-15	10-Aug-15	31	12.75%	868,95,548	110,79,182
11-Aug-15	9850,00,000	11-Aug-15	31-Aug-15	21	12.75%	566,71,233	72,25,582
1-Sep-15	9850,00,000	1-Sep-15	14-Sep-15	14	12.75%	377,80,822	48,17,055
15-Sep-15	9468,75,000	15-Sep-15	27-Sep-15	13	12.75%	337,24,315	42,99,850
28-Sep-15	-	28-Sep-15	30-Sep-15	3	12.75%	-	-
						<b>5165,66,781</b>	<b>658,62,265</b>

Appendix-5 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

L&T Infra - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	6244,45,000	1-Apr-15	14-Jun-15	75	12.75%	1283,10,616	163,59,604
15-Jun-15	6027,90,000	15-Jun-15	10-Jul-15	26	12.75%	429,38,466	54,74,654
11-Jul-15	5811,35,000	11-Jul-15	10-Aug-15	31	12.75%	493,56,671	62,92,976
11-Aug-15	5594,80,000	11-Aug-15	31-Aug-15	21	12.75%	321,89,260	41,04,131
1-Sep-15	5594,80,000	1-Sep-15	14-Sep-15	14	12.75%	214,59,507	27,36,087
15-Sep-15	5378,25,000	15-Sep-15	30-Sep-15	16	12.75%	235,75,890	30,05,926
1-Oct-15	5378,25,000	1-Oct-15	12-Oct-15	12	12.75%	176,81,918	22,54,445
13-Oct-15	-	13-Oct-15	31-Oct-15	19	12.75%	-	-
						<b>3155,12,329</b>	<b>402,27,822</b>

Appendix-6 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

PFC - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	30782,50,000	1-Apr-15	14-Jun-15	75	12.75%	6325,17,123	806,45,933
15-Jun-15	29715,00,000	15-Jun-15	10-Jul-15	26	12.75%	2116,68,493	269,87,733
11-Jul-15	28647,50,000	11-Jul-15	10-Aug-15	31	12.75%	2433,07,534	310,21,711
11-Aug-15	27580,00,000	11-Aug-15	31-Aug-15	21	12.75%	1586,79,452	202,31,630
1-Sep-15	27580,00,000	1-Sep-15	14-Sep-15	14	12.75%	1057,86,301	134,87,753
15-Sep-15	26512,50,000	15-Sep-15	30-Sep-15	16	12.75%	1162,19,178	148,17,945
1-Oct-15	26512,50,000	1-Oct-15	14-Oct-15	14	12.75%	1016,91,781	129,65,702
15-Oct-15	25445,00,000	15-Oct-15	16-Oct-15	2	12.75%	139,42,466	17,77,664
						<b>15838,12,329</b>	<b>2019,36,072</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

PTC - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	4379,03,050	1-Apr-15	14-Jun-15	75	12.75%	899,80,079	114,72,460
15-Jun-15	4227,17,100	15-Jun-15	10-Jul-15	26	12.75%	301,11,355	38,39,198
11-Jul-15	4075,31,150	11-Jul-15	10-Aug-15	31	12.75%	346,12,235	44,13,060
11-Aug-15	3923,45,200	11-Aug-15	31-Aug-15	21	12.75%	225,73,285	28,78,094
1-Sep-15	3923,45,200	1-Sep-15	14-Sep-15	14	12.75%	150,48,857	19,18,729
15-Sep-15	3771,59,250	15-Sep-15	30-Sep-15	16	12.75%	165,33,008	21,07,959
1-Oct-15	-	1-Oct-15	31-Oct-15	31	12.75%	-	-
						<b>2088,58,819</b>	<b>266,29,499</b>

Appendix-8 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

IREDA - Loan B

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	6211,02,900	1-Apr-15	14-Jun-15	75	12.75%	1276,23,884	162,72,045
15-Jun-15	5995,63,800	15-Jun-15	10-Jul-15	26	12.75%	427,08,654	54,45,353
11-Jul-15	5780,24,700	11-Jul-15	10-Aug-15	31	12.75%	490,92,509	62,59,295
11-Aug-15	5564,85,600	11-Aug-15	31-Aug-15	21	12.75%	320,16,980	40,82,165
1-Sep-15	5564,85,600	1-Sep-15	14-Sep-15	14	12.75%	213,44,653	27,21,443
15-Sep-15	5349,46,500	15-Sep-15	28-Sep-15	14	12.75%	205,18,496	26,16,108
29-Sep-15	-	29-Sep-15	30-Sep-15		12.75%	-	-
						<b>2933,05,175</b>	<b>373,96,410</b>

Appendix-9 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

Allahabad Bank - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	34662,42,457	1-Apr-15	30-Sep-15	183	12.75%	17378,69,506	2215,78,362
1-Oct-15	34662,42,457	1-Oct-15	12-Oct-15	12	12.75%	1139,58,656	145,29,729
13-Oct-15	-	13-Oct-15	31-Oct-15	19	12.75%	-	-
						<b>18518,28,162</b>	<b>2361,08,091</b>

Appendix-10 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

ICICI Bank - Loan A

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	22938,00,000	1-Apr-15	30-Sep-15	183	12.75%	11500,42,192	1466,30,379
1-Oct-15	22938,00,000	1-Oct-15	13-Oct-15	13	12.75%	816,96,986	104,16,366
14-Oct-15	-	14-Oct-15	31-Oct-15	18	12.75%	-	-
						<b>12317,39,178</b>	<b>1570,46,745</b>



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

IDFC Ltd. - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt '2' X '5' / 365 = (7)	Interest '7' X '6' = (8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1-Apr-15	119335,89,324	1-Apr-15	28-Sep-15	181	12.75%	59177,52,514	7545,13,446
29-Sep-15	-	29-Sep-15	30-Sep-15	2	12.75%	-	-
						<b>59177,52,514</b>	<b>7545,13,446</b>

**Appendix-12 to Enclosure - 5 to Form 13**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

LIC - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1-Apr-15	37500,00,000	1-Apr-15	27-Sep-15	180	12.75%	18493,15,068	2357,87,671
28-Sep-15	-	28-Sep-15	30-Sep-15	3	12.75%	-	-
						<b>18493,15,068</b>	<b>2357,87,671</b>

**Appendix-13 to Enclosure - 5 to Form 13**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

L&T Infra - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1-Apr-15	22900,00,000	1-Apr-15	30-Sep-15	183	12.75%	11481,36,986	1463,87,466
1-Oct-15	22900,00,000	1-Oct-15	12-Oct-15	12	12.75%	752,87,671	95,99,178
13-Oct-15	-	13-Oct-15	31-Oct-15	19	12.75%	-	-
						<b>12234,24,658</b>	<b>1559,86,644</b>

**Appendix-14 to Enclosure - 5 to Form 13**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

PFC - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1-Apr-15	115000,00,000	1-Apr-15	30-Sep-15	183	12.75%	57657,53,425	7351,33,562
1-Oct-15	115000,00,000	1-Oct-15	15-Oct-15	15	12.75%	4726,02,740	602,56,849
16-Oct-15	-	16-Oct-15	31-Oct-15	16	12.75%	-	-
						<b>62383,56,164</b>	<b>7953,90,411</b>

**Appendix-15 to Enclosure - 5 to Form 13**

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

PTC - Loan A

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1-Apr-15	15021,00,000	1-Apr-15	30-Sep-15	183	12.75%	7531,07,671	960,21,228
1-Oct-15	-	1-Oct-15	15-Oct-15	15	12.75%	-	-
						<b>7531,07,671</b>	<b>960,21,228</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

**IREDA - Loan A**

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	22938,00,000	1-Apr-15	27-Sep-15	180	12.75%	11311,89,041	1442,26,603
28-Sep-15	-	28-Sep-15	30-Sep-15	3	12.75%	-	-
						<b>11311,89,041</b>	<b>1442,26,603</b>

Appendix-17 to Enclosure - 5 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.4.15 to 31.8.15)

**Union Bank of India - Loan A**

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-15	25000,00,000	1-Apr-15	27-Sep-15	180	12.75%	12328,76,712	1571,91,781
28-Sep-15	-	28-Sep-15	30-Sep-15	3	12.75%	-	-
						<b>12328,76,712</b>	<b>1571,91,781</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Kar Cham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	State Bank of India	RTL	168307,88,930	17608,08,571	10.46%	Appendix-1 to Enclosure-6 to Form 13
2	Syndicate Bank	RTL	17281,52,877	1805,91,976	10.45%	Appendix-2 to Enclosure-6 to Form 13
3	Central Bank of India	RTL	17281,52,877	1805,91,976	10.45%	Appendix-3 to Enclosure-6 to Form 13
4	Allahabad Bank	RTL	11521,17,534	1203,96,282	10.45%	Appendix-4 to Enclosure-6 to Form 13
5	Vijaya bank	RTL	11521,17,534	1203,96,282	10.45%	Appendix-5 to Enclosure-6 to Form 13
6	L & T Infra	RTL	11521,17,534	1203,96,282	10.45%	Appendix-6 to Enclosure-6 to Form 13
7	Punjab National Bank	RTL	9176,26,849	958,92,006	10.45%	Appendix-7 to Enclosure-6 to Form 13
8	Axis Bank	RTL	6918,18,082	722,94,990	10.45%	Appendix-8 to Enclosure-6 to Form 13
9	State Bank of India (Formerly State Bank of Hyderabad)	RTL	4603,03,769	481,01,744	10.45%	Appendix-9 to Enclosure-6 to Form 13
	<b>Total</b>		<b>258131,95,987</b>	<b>26994,70,108</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN (REFINANCED LOANS)</b>					
	Total Product of Debt Amount (Rs.)			258131,95,987		
	Total interest (Rs.)			26994,70,108		
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>10.458%</b>
<b>C</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN (AS PER ENCL. 5 F13) OLD LOANS</b>					
	Total Product of Debt Amount (Rs.)			273167,62,706		
	Total interest (Rs.)			34911,52,314		
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>12.780%</b>
<b>D</b>	<b>AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN FOR 2015-16</b>					
	Total Product of Debt Amount (Rs.)			531299,58,694		
	Total interest (Rs.)			61906,22,422		
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>11.652%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

State Bank of India

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
28-Sep-15	116331,48,715	28-Sep-15	28-Sep-15	1	10.85%	318,71,640	34,58,073
29-Sep-15	270775,07,562	29-Sep-15	30-Sep-15	2	10.85%	1483,69,904	160,98,135
1-Oct-15	289755,59,405	1-Oct-15	4-Oct-15	4	10.85%	3175,40,377	344,53,131
5-Oct-15	289755,59,405	5-Oct-15	15-Oct-15	11	10.45%	8732,36,037	912,53,166
16-Oct-15	335069,02,409	16-Oct-15	5-Jan-16	82	10.45%	75275,78,075	7866,31,909
6-Jan-16	336657,02,409	6-Jan-16	31-Mar-16	86	10.45%	79321,92,896	8289,14,158
						<b>168307,88,930</b>	<b>17608,08,571</b>

Appendix-2 to Enclosure - 6 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

Syndicate Bank

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	17986,00,000	13-Oct-15	15-Oct-15	3	10.45%	147,83,014	15,44,825
16-Oct-15	37225,00,000	16-Oct-15	31-Mar-16	168	10.45%	17133,69,863	1790,47,151
						<b>17281,52,877</b>	<b>1805,91,976</b>

Appendix-3 to Enclosure - 6 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

Central Bank of India

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	17986,00,000	13-Oct-15	15-Oct-15	3	10.45%	147,83,014	15,44,825
16-Oct-15	37225,00,000	16-Oct-15	31-Mar-16	168	10.45%	17133,69,863	1790,47,151
						<b>17281,52,877</b>	<b>1805,91,976</b>

Appendix-4 to Enclosure - 6 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

Allahabad Bank

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	11991,00,000	13-Oct-15	15-Oct-15	3	10.45%	98,55,616	10,29,912
16-Oct-15	24817,00,000	16-Oct-15	31-Mar-16	168	10.45%	11422,61,918	1193,66,370
						<b>11521,17,534</b>	<b>1203,96,282</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

Vijaya Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	11991,00,000	13-Oct-15	15-Oct-15	3	10.45%	98,55,616	10,29,912
16-Oct-15	24817,00,000	16-Oct-15	31-Mar-16	168	10.45%	11422,61,918	1193,66,370
						<b>11521,17,534</b>	<b>1203,96,282</b>

Appendix-6 to Enclosure - 6 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

L & T Infra.

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	11991,00,000	13-Oct-15	15-Oct-15	3	10.45%	98,55,616	10,29,912
16-Oct-15	24817,00,000	16-Oct-15	31-Mar-16	168	10.45%	11422,61,918	1193,66,370
						<b>11521,17,534</b>	<b>1203,96,282</b>

Appendix-7 to Enclosure - 6 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

Punjab National Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	9550,00,000	13-Oct-15	15-Oct-15	3	10.45%	78,49,315	8,20,253
16-Oct-15	19766,00,000	16-Oct-15	31-Mar-16	168	10.45%	9097,77,534	950,71,752
						<b>9176,26,849</b>	<b>958,92,006</b>

Appendix-8 to Enclosure - 6 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

Axis Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	7200,00,000	13-Oct-15	15-Oct-15	3	10.45%	59,17,808	6,18,411
16-Oct-15	14902,00,000	16-Oct-15	31-Mar-16	168	10.45%	6859,00,274	716,76,579
						<b>6918,18,082</b>	<b>722,94,990</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2015-16 (1.9.15 to 31.3.16)

State Bank of India (formerly State Bank of Hyderabad)

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
13-Oct-15	4789,12,724	13-Oct-15	15-Oct-15	3	10.45%	39,36,269	4,11,340
16-Oct-15	9915,12,724	16-Oct-15	31-Mar-16	168	10.45%	4563,67,500	476,90,404
						<b>4603,03,769</b>	<b>481,01,744</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	State Bank of India	RTL	339292,27,368	35062,83,992	10.33%	Appendix-1 to Enclosure -7 to Form 13
2	Syndicate Bank	RTL	52936,57,726	5464,74,564	10.32%	Appendix-2 to Enclosure -7 to Form 13
3	Central Bank of India	RTL	52936,57,726	5499,98,925	10.39%	Appendix-3 to Enclosure -7 to Form 13
4	Allahabad Bank	RTL	35291,13,370	3643,17,235	10.32%	Appendix-4 to Enclosure -7 to Form 13
5	Vijaya bank	RTL	35291,11,110	3643,17,002	10.32%	Appendix-5 to Enclosure -7 to Form 13
6	L & T Infra	RTL	35332,18,301	3647,46,200	10.32%	Appendix-6 to Enclosure -7 to Form 13
7	Punjab National Bank	RTL	28108,69,233	2901,71,487	10.32%	Appendix-7 to Enclosure -7 to Form 13
8	Axis Bank	RTL	21173,04,356	2185,77,727	10.32%	Appendix-8 to Enclosure -7 to Form 13
9	State Bank of India (Formerly State Bank of Hyderabad)	RTL	14098,91,603	1455,45,877	10.32%	Appendix-9 to Enclosure -7 to Form 13
	<b>Total</b>		<b>614460,50,793</b>	<b>63504,33,010</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)					614460,50,793
	Total interest (Rs.)					63504,33,010
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>10.3355%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

State Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	336657,02,409	1-Apr-16	29-Jun-16	90	10.45%	83011,32,101	8674,68,305
30-Jun-16	334209,12,409	30-Jun-16	30-Jun-16	1	10.45%	915,64,144	95,68,453
1-Jul-16	347252,10,000	1-Jul-16	30-Jul-16	30	10.45%	28541,26,849	2982,56,256
31-Jul-16	344804,20,000	31-Jul-16	30-Aug-16	31	10.45%	29284,74,027	3060,25,536
31-Aug-16	342356,30,000	31-Aug-16	31-Aug-16	1	10.45%	937,96,247	98,01,708
1-Sep-16	342356,30,000	1-Sep-16	29-Sep-16	29	10.25%	27200,91,151	2788,09,343
30-Sep-16	339908,40,000	30-Sep-16	30-Oct-16	31	10.25%	28868,93,260	2959,06,559
31-Oct-16	337460,50,000	31-Oct-16	31-Mar-17	152	10.25%	140531,49,589	14404,47,833
						<b>339292,27,368</b>	<b>35062,83,992</b>

Appendix-2 to Enclosure - 7 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

Syndicate Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	37225,00,000	1-Apr-16	29-Jun-16	90	10.45%	9178,76,712	959,18,116
30-Jun-16	59282,10,000	30-Jun-16	30-Jul-16	31	10.45%	5034,91,808	526,14,894
31-Jul-16	58864,20,000	31-Jul-16	30-Aug-16	31	10.45%	4999,42,521	522,43,993
31-Aug-16	58446,30,000	31-Aug-16	31-Aug-16	1	10.45%	160,12,685	16,73,326
1-Sep-16	58446,30,000	1-Sep-16	29-Sep-16	29	10.25%	4643,67,863	475,97,706
30-Sep-16	58028,40,000	30-Sep-16	30-Oct-16	31	10.25%	4928,43,945	505,16,504
31-Oct-16	57610,50,000	31-Oct-16	31-Mar-17	152	10.25%	23991,22,192	2459,10,025
						<b>52936,57,726</b>	<b>5464,74,564</b>

Appendix-3 to Enclosure - 7 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

Central Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	37225,00,000	1-Apr-16	29-Jun-16	90	10.45%	9178,76,712	959,18,116
30-Jun-16	59282,10,000	30-Jun-16	30-Jul-16	31	10.45%	5034,91,808	526,14,894
31-Jul-16	58864,20,000	31-Jul-16	30-Aug-16	31	10.45%	4999,42,521	522,43,993
31-Aug-16	58446,30,000	31-Aug-16	31-Aug-16	1	10.45%	160,12,685	16,73,326
1-Sep-16	58446,30,000	1-Sep-16	29-Sep-16	29	10.45%	4643,67,863	485,26,442
30-Sep-16	58028,40,000	30-Sep-16	30-Oct-16	31	10.45%	4928,43,945	515,02,192
31-Oct-16	57610,50,000	31-Oct-16	20-Dec-16	51	10.45%	8049,68,630	841,19,222
21-Dec-16	57610,50,000	21-Dec-16	31-Mar-17	101	10.25%	15941,53,562	1634,00,740
						<b>52936,57,726</b>	<b>5499,98,925</b>



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

Allahabad Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	24817,00,000	1-Apr-16	29-Jun-16	90	10.45%	6119,26,027	639,46,270
30-Jun-16	39521,40,000	30-Jun-16	30-Jul-16	31	10.45%	3356,61,205	350,76,596
31-Jul-16	39242,80,000	31-Jul-16	30-Aug-16	31	10.45%	3332,95,014	348,29,329
31-Aug-16	38964,20,000	31-Aug-16	31-Aug-16	1	10.45%	106,75,123	11,15,550
1-Sep-16	38964,20,000	1-Sep-16	29-Sep-16	29	10.25%	3095,78,575	317,31,804
30-Sep-16	38685,60,000	30-Sep-16	30-Oct-16	31	10.25%	3285,62,630	336,77,670
31-Oct-16	38407,00,000	31-Oct-16	31-Mar-17	152	10.25%	15994,14,795	1639,40,016
						<b>35291,13,370</b>	<b>3643,17,235</b>

Appendix-5 to Enclosure - 7 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

Vijaya Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	24817,00,000	1-Apr-16	29-Jun-16	90	10.45%	6119,26,027	639,46,270
30-Jun-16	39521,37,000	30-Jun-16	30-Jul-16	31	10.45%	3356,60,951	350,76,569
31-Jul-16	39242,77,000	31-Jul-16	30-Aug-16	31	10.45%	3332,94,759	348,29,302
31-Aug-16	38964,17,000	31-Aug-16	31-Aug-16	1	10.45%	106,75,115	11,15,550
1-Sep-16	38964,17,000	1-Sep-16	29-Sep-16	29	10.25%	3095,78,337	317,31,780
30-Sep-16	38685,57,000	30-Sep-16	30-Oct-16	31	10.25%	3285,62,375	336,77,643
31-Oct-16	38406,97,000	31-Oct-16	31-Mar-17	152	10.25%	15994,13,545	1639,39,888
						<b>35291,11,110</b>	<b>3643,17,002</b>

Appendix-6 to Enclosure - 7 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

L & T Infra.

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	24817,00,000	1-Apr-16	28-Jun-16	89	10.45%	6051,26,849	632,35,756
29-Jun-16	39800,00,000	29-Jun-16	29-Jun-16	1	10.45%	109,04,110	11,39,479
30-Jun-16	39521,40,000	30-Jun-16	30-Jul-16	31	10.45%	3356,61,205	350,76,596
31-Jul-16	39242,80,000	31-Jul-16	30-Aug-16	31	10.45%	3332,95,014	348,29,329
31-Aug-16	38964,20,000	31-Aug-16	31-Aug-16	1	10.45%	106,75,123	11,15,550
1-Sep-16	38964,20,000	1-Sep-16	29-Sep-16	29	10.25%	3095,78,575	317,31,804
30-Sep-16	38685,60,000	30-Sep-16	30-Oct-16	31	10.25%	3285,62,630	336,77,670
31-Oct-16	38407,00,000	31-Oct-16	31-Mar-17	152	10.25%	15994,14,795	1639,40,016
						<b>35332,18,301</b>	<b>3647,46,200</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

Punjab National Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	19766,00,000	1-Apr-16	29-Jun-16	90	10.45%	4873,80,822	509,31,296
30-Jun-16	31478,10,000	30-Jun-16	30-Jul-16	31	10.45%	2673,48,247	279,37,892
31-Jul-16	31256,20,000	31-Jul-16	30-Aug-16	31	10.45%	2654,63,616	277,40,948
31-Aug-16	31034,30,000	31-Aug-16	31-Aug-16	1	10.45%	85,02,548	8,88,516
1-Sep-16	31034,30,000	1-Sep-16	29-Sep-16	29	10.25%	2465,73,890	252,73,824
30-Sep-16	30812,40,000	30-Sep-16	30-Oct-16	31	10.25%	2616,94,356	268,23,672
31-Oct-16	30590,50,000	31-Oct-16	31-Mar-17	152	10.25%	12739,05,753	1305,75,340
						<b>28108,69,233</b>	<b>2901,71,487</b>

Appendix-8 to Enclosure - 7 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

Axis Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	14902,00,000	1-Apr-16	28-Jun-16	89	10.45%	3633,63,836	379,71,521
29-Jun-16	23842,00,000	29-Jun-16	29-Jun-16	1	10.45%	65,32,055	6,82,600
30-Jun-16	23674,70,000	30-Jun-16	30-Jul-16	31	10.45%	2010,72,795	210,12,107
31-Jul-16	23507,40,000	31-Jul-16	30-Aug-16	31	10.45%	1996,51,890	208,63,623
1-Aug-16	23340,10,000	1-Aug-16	31-Aug-16	1	10.45%	63,94,548	6,68,230
1-Sep-16	23340,10,000	1-Sep-16	29-Sep-16	29	10.25%	1854,41,890	190,07,794
30-Sep-16	23172,80,000	30-Sep-16	30-Oct-16	31	10.25%	1968,10,082	201,73,033
31-Oct-16	23005,50,000	31-Oct-16	31-Mar-17	152	10.25%	9580,37,260	981,98,819
						<b>21173,04,356</b>	<b>2185,77,727</b>

Appendix-9 to Enclosure - 7 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2016-17

State Bank of India (formerly State Bank of Hyderabad)

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-16	9915,12,724	1-Apr-16	29-Jun-16	90	10.45%	2444,82,589	255,48,431
30-Jun-16	15788,70,000	30-Jun-16	30-Jul-16	31	10.45%	1340,95,808	140,13,012
31-Jul-16	15677,40,000	31-Jul-16	30-Aug-16	31	10.45%	1331,50,521	139,14,229
31-Aug-16	15566,10,000	31-Aug-16	31-Aug-16	1	10.45%	42,64,685	4,45,660
1-Sep-16	15566,10,000	1-Sep-16	29-Sep-16	29	10.25%	1236,75,863	126,76,776
30-Sep-16	15454,80,000	30-Sep-16	30-Oct-16	31	10.25%	1312,59,945	134,54,144
31-Oct-16	15343,50,000	31-Oct-16	31-Mar-17	152	10.25%	6389,62,192	654,93,625
						<b>14098,91,603</b>	<b>1455,45,877</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	State Bank of India	RTL	330262,75,152	31767,97,612	9.62%	Appendix-1 to Enclosure -8 to Form 13
2	Syndicate Bank	RTL	55340,21,699	5327,29,678	9.63%	Appendix-2 to Enclosure -8 to Form 13
3	Central Bank of India	RTL	55340,21,699	5327,29,678	9.63%	Appendix-3 to Enclosure -8 to Form 13
4	Allahabad Bank	RTL	36893,58,575	3551,54,133	9.63%	Appendix-4 to Enclosure -8 to Form 13
5	Vijaya bank	RTL	35667,13,110	3437,40,388	9.64%	Appendix-5 to Enclosure -8 to Form 13
6	L & T Infra	RTL	17212,50,466	1716,71,949	9.97%	Appendix-6 to Enclosure -8 to Form 13
7	Punjab National Bank	RTL	29102,80,877	2802,91,151	9.63%	Appendix-7 to Enclosure -8 to Form 13
8	Axis Bank	RTL	22096,91,069	2127,15,525	9.63%	Appendix-8 to Enclosure -8 to Form 13
9	State Bank of India (Formerly State Bank of Hyderabad)	RTL	8180,53,808	811,93,447	9.93%	Appendix-9 to Enclosure -8 to Form 13
	<b>Total</b>		<b>590096,66,453</b>	<b>56870,23,561</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)					590096,66,453
	Total interest (Rs.)					56870,23,561
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>9.6388%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

State Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	337460,50,000	1-Apr-17	29-Jun-17	90	10.25%	83209,43,836	8528,96,743
30-Jun-17	335012,60,000	30-Jun-17	30-Jul-17	31	10.25%	28453,12,493	2916,44,531
31-Jul-17	332564,70,000	31-Jul-17	30-Aug-17	31	10.25%	28245,22,110	2895,13,516
31-Aug-17	330116,80,000	31-Aug-17	31-Aug-17	1	10.25%	904,42,959	92,70,403
1-Sep-17	330116,80,000	1-Sep-17	29-Sep-17	29	9.15%	26228,45,808	2399,90,391
30-Sep-17	327668,90,000	30-Sep-17	30-Oct-17	31	9.15%	27829,41,342	2546,39,133
31-Oct-17	325221,00,000	31-Oct-17	10-Jan-18	72	9.15%	64153,18,356	5870,01,630
11-Jan-18	325030,13,880	11-Jan-18	31-Mar-18	80	9.15%	71239,48,248	6518,41,265
						<b>330262,75,152</b>	<b>31767,97,612</b>

Appendix-2 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

Syndicate Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	57610,50,000	1-Apr-17	29-Jun-17	90	10.25%	14205,32,877	1456,04,620
30-Jun-17	57192,60,000	30-Jun-17	30-Jul-17	31	10.25%	4857,45,370	497,88,900
31-Jul-17	56774,70,000	31-Jul-17	3-Aug-17	4	10.25%	622,18,849	63,77,432
4-Aug-17	55869,70,000	4-Aug-17	30-Aug-17	27	10.25%	4132,82,712	423,61,478
31-Aug-17	55451,80,000	31-Aug-17	31-Aug-17	1	10.25%	151,92,274	15,57,208
1-Sep-17	55451,80,000	1-Sep-17	29-Sep-17	29	9.15%	4405,75,945	403,12,699
30-Sep-17	55033,90,000	30-Sep-17	30-Oct-17	31	9.15%	4674,11,205	427,68,125
31-Oct-17	54616,00,000	31-Oct-17	29-Nov-17	30	9.15%	4488,98,630	410,74,225
30-Nov-17	53259,00,000	30-Nov-17	31-Mar-18	122	9.15%	17801,63,836	1628,84,991
						<b>55340,21,699</b>	<b>5327,29,678</b>

Appendix-3 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

Central Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	57610,50,000	1-Apr-17	29-Jun-17	90	10.25%	14205,32,877	1456,04,620
30-Jun-17	57192,60,000	30-Jun-17	30-Jul-17	31	10.25%	4857,45,370	497,88,900
31-Jul-17	56774,70,000	31-Jul-17	3-Aug-17	4	10.25%	622,18,849	63,77,432
4-Aug-17	55869,70,000	4-Aug-17	30-Aug-17	27	10.25%	4132,82,712	423,61,478
31-Aug-17	55451,80,000	31-Aug-17	31-Aug-17	1	10.25%	151,92,274	15,57,208
1-Sep-17	55451,80,000	1-Sep-17	29-Sep-17	29	9.15%	4405,75,945	403,12,699
30-Sep-17	55033,90,000	30-Sep-17	30-Oct-17	31	9.15%	4674,11,205	427,68,125
31-Oct-17	54616,00,000	31-Oct-17	29-Nov-17	30	9.15%	4488,98,630	410,74,225
30-Nov-17	53259,00,000	30-Nov-17	31-Mar-18	122	9.15%	17801,63,836	1628,84,991
						<b>55340,21,699</b>	<b>5327,29,678</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

**Allahabad Bank**

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	38407,00,000	1-Apr-17	29-Jun-17	90	10.25%	9470,21,918	970,69,747
30-Jun-17	38128,40,000	30-Jun-17	30-Jul-17	31	10.25%	3238,30,247	331,92,600
31-Jul-17	37849,80,000	31-Jul-17	3-Aug-17	4	10.25%	414,79,233	42,51,621
4-Aug-17	37246,80,000	4-Aug-17	30-Aug-17	27	10.25%	2755,24,274	282,41,238
31-Aug-17	36968,20,000	31-Aug-17	31-Aug-17	1	10.25%	101,28,274	10,38,148
1-Sep-17	36968,20,000	1-Sep-17	29-Sep-17	29	9.15%	2937,19,945	268,75,375
30-Sep-17	36689,60,000	30-Sep-17	30-Oct-17	31	9.15%	3116,10,301	285,12,343
31-Oct-17	36411,00,000	31-Oct-17	29-Nov-17	30	9.15%	2992,68,493	273,83,067
30-Nov-17	35506,00,000	30-Nov-17	31-Mar-18	122	9.15%	11867,75,890	1085,89,994
						<b>36893,58,575</b>	<b>3551,54,133</b>

Appendix-5 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

**Vijaya Bank**

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	38406,97,000	1-Apr-17	29-Jun-17	90	10.25%	9470,21,178	970,69,671
30-Jun-17	38128,37,000	30-Jun-17	9-Jul-17	10	10.25%	1044,61,288	107,07,282
10-Jul-17	36928,37,000	10-Jul-17	30-Jul-17	21	10.25%	2124,64,595	217,77,621
31-Jul-17	36649,77,000	31-Jul-17	3-Aug-17	4	10.25%	401,64,132	41,16,823
4-Aug-17	36046,77,000	4-Aug-17	30-Aug-17	27	10.25%	2666,47,340	273,31,352
31-Aug-17	35768,17,000	31-Aug-17	31-Aug-17	1	10.25%	97,99,499	10,04,449
1-Sep-17	35768,17,000	1-Sep-17	29-Sep-17	29	9.15%	2841,85,460	260,02,970
30-Sep-17	35489,57,000	30-Sep-17	30-Oct-17	31	9.15%	3014,18,266	275,79,771
31-Oct-17	35210,97,000	31-Oct-17	16-Nov-17	17	9.15%	1639,96,299	150,05,661
17-Nov-17	34607,97,000	17-Nov-17	29-Nov-17	13	9.15%	1232,61,263	112,78,406
30-Nov-17	33702,97,000	30-Nov-17	10-Jan-18	42	9.15%	3878,14,997	354,85,072
11-Jan-18	33099,97,000	11-Jan-18	31-Mar-18	80	9.15%	7254,78,795	663,81,310
						<b>35667,13,110</b>	<b>3437,40,388</b>

Appendix-6 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18

**L & T Infra.**

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	38407,00,000	1-Apr-17	29-Jun-17	90	10.25%	9470,21,918	970,69,747
30-Jun-17	38128,40,000	30-Jun-17	2-Jul-17	3	10.25%	313,38,411	32,12,187
3-Jul-17	19328,40,000	3-Jul-17	29-Jul-17	27	10.25%	1429,77,205	146,55,164
30-Jul-17	19049,80,000	30-Jul-17	3-Aug-17	5	10.25%	260,95,616	26,74,801
4-Aug-17	18446,80,000	4-Aug-17	30-Aug-17	27	10.25%	1364,55,781	139,86,718
31-Aug-17	18168,20,000	31-Aug-17	31-Aug-17	1	10.25%	49,77,589	5,10,203
1-Sep-17	18168,20,000	1-Sep-17	29-Sep-17	29	9.15%	1443,50,082	132,08,033
30-Sep-17	17889,60,000	30-Sep-17	30-Oct-17	31	9.15%	1519,39,068	139,02,425
31-Oct-17	17611,00,000	31-Oct-17	1-Nov-17	2	9.15%	96,49,863	8,82,962
2-Nov-17	8694,00,000	2-Nov-17	29-Nov-17	28	9.15%	666,93,699	61,02,473
30-Nov-17	7789,00,000	30-Nov-17	27-Dec-17	28	9.15%	597,51,233	54,67,238
28-Dec-17	-	28-Dec-17	31-Dec-17	4	9.15%	-	-
						<b>17212,50,466</b>	<b>1716,71,949</b>



PETITIONER

## Appendix-7 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18Punjab National Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	30590,50,000	1-Apr-17	29-Jun-17	90	10.25%	7542,86,301	773,14,346
30-Jun-17	30368,60,000	30-Jun-17	30-Jul-17	31	10.25%	2579,25,096	264,37,322
31-Jul-17	30146,70,000	31-Jul-17	3-Aug-17	4	10.25%	330,37,479	33,86,342
4-Aug-17	29666,70,000	4-Aug-17	30-Aug-17	27	10.25%	2194,52,301	224,93,861
31-Aug-17	29444,80,000	31-Aug-17	31-Aug-17	1	10.25%	80,67,068	8,26,875
1-Sep-17	29444,80,000	1-Sep-17	29-Sep-17	29	9.15%	2339,44,986	214,05,966
30-Sep-17	29222,90,000	30-Sep-17	30-Oct-17	31	9.15%	2481,94,493	227,09,796
31-Oct-17	29001,00,000	31-Oct-17	16-Nov-17	17	9.15%	1350,73,151	123,59,193
17-Nov-17	28521,00,000	17-Nov-17	29-Nov-17	13	9.15%	1015,81,644	92,94,720
30-Nov-17	27801,00,000	30-Nov-17	10-Jan-18	42	9.15%	3199,01,918	292,71,025
11-Jan-18	27321,00,000	11-Jan-18	31-Mar-18	80	9.15%	5988,16,438	547,91,704
						<b>29102,80,877</b>	<b>2802,91,151</b>

## Appendix-8 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18Axis Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	23005,50,000	1-Apr-17	29-Jun-17	90	10.25%	5672,58,904	581,44,038
30-Jun-17	22838,20,000	30-Jun-17	30-Jul-17	31	10.25%	1939,68,274	198,81,748
31-Jul-17	22670,90,000	31-Jul-17	3-Aug-17	4	10.25%	248,44,822	25,46,594
4-Aug-17	22308,90,000	4-Aug-17	30-Aug-17	27	10.25%	1650,24,740	169,15,036
31-Aug-17	22141,60,000	31-Aug-17	31-Aug-17	1	10.25%	60,66,192	6,21,785
1-Sep-17	22141,60,000	1-Sep-17	29-Sep-17	29	9.15%	1759,19,562	160,96,640
30-Sep-17	21974,30,000	30-Sep-17	30-Oct-17	31	9.15%	1866,31,041	170,76,740
31-Oct-17	21807,00,000	31-Oct-17	29-Nov-17	30	9.15%	1792,35,616	164,00,059
30-Nov-17	21264,00,000	30-Nov-17	31-Mar-18	122	9.15%	7107,41,918	650,32,885
						<b>22096,91,069</b>	<b>2127,15,525</b>

## Appendix-9 to Enclosure - 8 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2017-18State Bank of India (formerly State Bank of Hyderabad)

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-17	15343,50,000	1-Apr-17	29-Jun-17	90	10.25%	3783,32,877	387,79,120
30-Jun-17	15232,20,000	30-Jun-17	20-Jul-17	21	10.25%	876,37,315	89,82,825
21-Jul-17	9693,20,000	21-Jul-17	30-Jul-17	10	10.25%	265,56,712	27,22,063
31-Jul-17	9581,90,000	31-Jul-17	30-Aug-17	31	10.25%	813,80,521	83,41,503
31-Aug-17	9470,60,000	31-Aug-17	31-Aug-17	1	10.25%	25,94,685	2,65,955
1-Sep-17	9470,60,000	1-Sep-17	29-Sep-17	29	9.15%	752,45,863	68,84,996
30-Sep-17	9359,30,000	30-Sep-17	30-Oct-17	31	9.15%	794,89,945	72,73,330
31-Oct-17	9248,00,000	31-Oct-17	29-Nov-17	30	9.15%	760,10,959	69,55,003
30-Nov-17	939,00,000	30-Nov-17	10-Jan-18	42	9.15%	108,04,932	9,88,651
11-Jan-18	-	11-Jan-18	31-Jan-18	21	9.15%	-	-
						<b>8180,53,808</b>	<b>811,93,447</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
<b>A</b>	<b>RUPEE TERM LOAN:</b>					
1	State Bank of India	RTL	318764,71,644	28759,61,872	9.02%	Appendix-1 to Enclosure -9 to Form 13
2	Syndicate Bank	RTL	52037,35,808	4694,96,248	9.02%	Appendix-2 to Enclosure -9 to Form 13
3	Central Bank of India	RTL	52037,23,291	4694,95,121	9.02%	Appendix-3 to Enclosure -9 to Form 13
4	Allahabad Bank	RTL	34691,57,205	3137,97,970	9.05%	Appendix-4 to Enclosure -9 to Form 13
5	Vijaya bank	RTL	32285,48,560	2921,71,286	9.05%	Appendix-5 to Enclosure -9 to Form 13
6	Punjab National Bank	RTL	26672,19,196	2417,58,828	9.06%	Appendix-6 to Enclosure -9 to Form 13
7	Axis Bank	RTL	20774,93,397	1874,28,815	9.02%	Appendix-7 to Enclosure -9 to Form 13
	<b>Total</b>		<b>537263,49,101</b>	<b>48501,10,139</b>		
<b>B</b>	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					
	Total Product of Debt Amount (Rs.)					537263,49,101
	Total Interest (Rs.)					48501,10,139
	<b>WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN</b>					<b>9.027%</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

State Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-18	325030,13,880	1-Apr-18	23-May-18	53	9.15%	47196,15,714	4318,44,838
24-May-18	325030,13,880	23-May-18	29-Jun-18	38	9.00%	33838,75,418	3045,48,788
30-Jun-18	322582,23,880	30-Jun-18	30-Jul-18	31	9.00%	27397,39,562	2465,76,561
31-Jul-18	320134,33,880	31-Jul-18	30-Aug-18	31	9.00%	27189,49,179	2447,05,426
31-Aug-18	317686,43,880	31-Aug-18	29-Sep-18	30	9.00%	26111,21,415	2350,00,927
30-Sep-18	315238,53,880	30-Sep-18	30-Oct-18	31	9.00%	26773,68,412	2409,63,157
31-Oct-18	312790,63,880	31-Oct-18	31-Mar-19	152	9.00%	130258,01,945	11723,22,175
						<b>318764,71,644</b>	<b>28759,61,872</b>

Appendix-2 to Enclosure - 9 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

Syndicate Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-18	53259,00,000	1-Apr-18	23-May-18	53	9.15%	7733,49,863	707,61,512
24-May-18	53259,00,000	24-May-18	29-Jun-18	37	9.00%	5398,85,753	485,89,718
30-Jun-18	52841,10,000	30-Jun-18	30-Jul-18	31	9.00%	4487,87,425	403,90,868
31-Jul-18	52423,20,000	31-Jul-18	30-Aug-18	31	9.00%	4452,38,137	400,71,432
31-Aug-18	52005,30,000	31-Aug-18	29-Sep-18	30	9.00%	4274,40,822	384,69,674
30-Sep-18	51587,40,000	30-Sep-18	30-Oct-18	31	9.00%	4381,39,562	394,32,561
31-Oct-18	51169,50,000	31-Oct-18	31-Mar-19	152	9.00%	21308,94,247	1917,80,482
						<b>52037,35,808</b>	<b>4694,96,248</b>

Appendix-3 to Enclosure - 9 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

Central Bank of India

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-18	53259,00,000	1-Apr-18	23-May-18	53	9.15%	7733,49,863	707,61,512
24-May-18	53259,00,000	24-May-18	29-Jun-18	37	9.00%	5398,85,753	485,89,718
30-Jun-18	52841,10,000	30-Jun-18	30-Jul-18	31	9.00%	4487,87,425	403,90,868
31-Jul-18	52423,20,000	31-Jul-18	30-Aug-18	31	9.00%	4452,38,137	400,71,432
31-Aug-18	52005,30,000	31-Aug-18	29-Sep-18	30	9.00%	4274,40,822	384,69,674
30-Sep-18	51587,40,000	30-Sep-18	30-Oct-18	31	9.00%	4381,39,562	394,32,561
31-Oct-18	51169,50,000	31-Oct-18	30-Mar-19	151	9.00%	21168,75,205	1905,18,768
31-Mar-19	51123,81,046	31-Mar-19	31-Mar-19	1	9.00%	140,06,523	12,60,587
						<b>52037,23,291</b>	<b>4694,95,121</b>

Appendix-4 to Enclosure - 9 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

Allahabad Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-18	35506,00,000	1-Apr-18	22-May-18	52	9.15%	5058,38,904	462,84,260
23-May-18	35506,00,000	23-May-18	29-Jun-18	38	9.15%	3696,51,507	338,23,113
30-Jun-18	35227,40,000	30-Jun-18	17-Jul-18	18	9.15%	1737,24,164	158,95,761
18-Jul-18	35227,40,000	18-Jul-18	30-Jul-18	13	9.00%	1254,67,452	112,92,071
31-Jul-18	34948,80,000	31-Jul-18	30-Aug-18	31	9.00%	2968,25,425	267,14,288
31-Aug-18	34670,20,000	31-Aug-18	29-Sep-18	30	9.00%	2849,60,548	256,46,449
30-Sep-18	34391,60,000	30-Sep-18	30-Oct-18	31	9.00%	2920,93,041	262,88,374
31-Oct-18	34113,00,000	31-Oct-18	31-Mar-19	152	9.00%	14205,96,164	1278,53,655
						<b>34691,57,205</b>	<b>3137,97,970</b>



PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

Vijaya Bank

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
30-Jun-18	33099,97,000	1-Apr-18	29-Jun-18	90	9.15%	8161,63,644	746,78,973
30-Jun-18	32821,37,000	30-Jun-18	27-Jul-18	28	9.15%	2517,80,373	230,37,904
28-Jul-18	32821,37,000	28-Jul-18	30-Jul-18	3	9.00%	269,76,468	24,27,882
31-Jul-18	32542,77,000	31-Jul-18	30-Aug-18	31	9.00%	2763,90,649	248,75,158
31-Aug-18	32264,17,000	31-Aug-18	29-Sep-18	30	9.00%	2651,84,959	238,66,646
30-Sep-18	31985,57,000	30-Sep-18	30-Oct-18	31	9.00%	2716,58,266	244,49,244
31-Oct-18	31706,97,000	31-Oct-18	30-Mar-19	151	9.00%	13117,13,005	1180,54,170
31-Mar-19	31686,36,303	31-Mar-19	31-Mar-19	1	9.00%	86,81,195	7,81,308
						<b>32285,48,560</b>	<b>2921,71,286</b>

Appendix-6 to Enclosure - 9 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

Punjab National Bank

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
30-Jun-18	27321,00,000	1-Apr-18	29-Jun-18	90	9.15%	6736,68,493	616,40,667
30-Jun-18	27099,10,000	30-Jun-18	30-Jul-18	31	9.15%	2301,56,740	210,59,342
31-Jul-18	26877,20,000	31-Jul-18	30-Aug-18	31	9.15%	2282,72,110	208,86,898
31-Aug-18	26655,30,000	31-Aug-18	31-Aug-18	1	9.15%	73,02,822	6,68,208
1-Sep-18	26655,30,000	1-Sep-18	29-Sep-18	29	9.00%	2117,81,836	190,60,365
30-Sep-18	26433,40,000	30-Sep-18	30-Oct-18	31	9.00%	2245,02,849	202,05,256
31-Oct-18	26211,50,000	31-Oct-18	30-Mar-19	151	9.00%	10843,66,164	975,92,955
31-Mar-19	26163,86,486	31-Mar-19	31-Mar-19	1	9.00%	71,68,182	6,45,136
						<b>26672,19,196</b>	<b>2417,58,828</b>

Appendix-7 to Enclosure - 9 to Form 13

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Weighted Average Rate of Interest for the Financial Year 2018-19

Axis Bank

Outstanding Balance Date	Amount (Rs.)	Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
		From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
23-May-18	21264,00,000	1-Apr-18	22-May-18	52	9.15%	3029,39,178	277,18,935
30-Jun-18	21096,70,000	23-May-18	29-Jun-18	38	9.00%	2213,78,630	199,24,077
31-Jul-18	20929,40,000	30-Jun-18	30-Jul-18	31	9.00%	1791,77,452	161,25,971
31-Aug-18	20762,10,000	31-Jul-18	30-Aug-18	31	9.00%	1777,56,548	159,98,089
30-Sep-18	20594,80,000	30-Aug-18	29-Sep-18	30	9.00%	1706,47,397	153,58,266
31-Oct-18	20427,50,000	30-Sep-18	30-Oct-18	31	9.00%	1749,14,740	157,42,327
						<b>8506,79,452</b>	<b>765,61,151</b>
						<b>20774,93,397</b>	<b>1874,28,815</b>



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Calculation of Interest on Normative Loan

Sl. No.	Particulars	3		4		5		6		7		8		9		10		11		12		13		
		(From 26.05.2011 to 22.06.2011)	(From 26.05.2011 to 07.09.2011)	(From 08.09.2011 to 12.09.2011)	(From 13.09.2011 to 31.03.2012)	(1, 2 & 3)	(1, 2, 3 & 4)	(1, 2 & 3)	(1, 2, 3 & 4)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	(1, 2 & 3)	
1	Amount of Capital Cost	1,53,275.58	3,14,378.56	4,80,543.56	6,40,883.24	6,70,702.75	6,74,685.38	6,79,891.61	6,86,587.93	6,86,590.16	6,90,197.10	6,91,318.52	4,83,922.97	4,80,611.55	4,80,613.11	4,83,137.97	4,83,922.97	2,35,392.09	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88
2	Gross Normative loan - Opening	1,07,292.90	2,20,064.99	3,36,380.49	4,48,618.27	4,69,491.93	4,72,279.77	4,75,924.13	4,80,611.55	4,80,613.11	4,83,137.97	4,83,922.97	2,35,392.09	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,35,392.09	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88
3	Cumulative repayment of Normative Loan upto previous year	-	609.59	4,046.61	4,386.80	23,044.33	57,893.30	92,980.41	1,28,375.84	1,63,944.77	1,99,607.19	2,35,392.09	2,35,392.09	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,35,392.09	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88
4	Net Normative loan - Opening	1,07,292.90	2,19,455.40	3,32,333.88	4,44,231.47	4,46,447.60	4,14,386.47	3,82,943.71	3,52,235.72	3,16,668.34	2,83,530.78	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,35,392.09	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88	2,48,530.88
5	Add: Increase due to addition during the year / period	2,911.78	5,924.55	83.21	2,781.29	(759.01)	344.73	544.51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Less: Decrease due to de-capitalisation during the year / period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Less: Decrease due to reversal during the year / period	7,968.22	16,337.00	24,901.90	33,973.41	34,848.97	35,087.12	35,395.42	35,568.93	35,662.42	35,784.90	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00	35,840.00
8	Add: Increase due to discharges during the year / period	(172.19)	(1,735.88)	-	18,092.37	3,546.85	3,299.63	4,142.92	1.56	2,524.86	785.00	704.03	704.03	704.03	704.03	704.03	704.03	704.03	704.03	704.03	704.03	704.03	704.03	704.03
9	Net Normative loan - Closing	1,02,064.28	2,07,307.07	3,07,515.19	4,31,131.72	4,14,386.47	3,82,943.71	3,52,235.72	3,16,668.34	2,83,530.78	2,48,530.88	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91	2,13,394.91
10	Average Normative loan	1,04,678.59	2,13,381.24	3,19,924.54	4,37,681.59	4,30,417.03	3,98,665.09	3,67,589.71	3,34,452.03	3,00,099.56	2,66,030.83	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89	2,30,962.89
11	Weighted average Rate of Interest (as per actual loan portfolio)	12.2764%	12.2764%	12.2764%	12.2764%	12.2042%	12.0882%	12.7845%	11.6518%	10.3349%	9.6333%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%	9.0274%
12	Interest on loan	983.12	5,511.08	536.55	29,508.31	52,528.84	48,191.37	46,994.53	38,969.84	31,015.07	25,640.83	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04	20,850.04

PETITIONER



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant**Calculation of Interest on Working Capital**

Sl. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1		2	3	4	5	6	7
1	O & M expenses	15,087.19	15,848.82	16,963.72	18,090.14	19,291.32	20,572.26
1a	O & M expenses (for one month)	1,257.27	1,320.74	1,413.64	1,507.51	1,607.61	1,714.36
2	Maintenance Spares	2,263.08	2,377.32	2,544.56	2,713.52	2,893.70	3,085.84
3	Receivables	24,221.11	24,130.94	23,059.61	21,936.70	21,277.89	22,259.22
4	Total Working Capital	27,741.46	27,829.00	27,017.81	26,157.73	25,779.19	27,059.41
5	Rate of Interest		11.75%	13.50%	13.50%	13.50%	13.50%
6	Interest on Working Capital	3,259.62	3,756.91	3,647.40	3,531.29	3,480.19	3,653.02

Note : Rs. 43.30 lacs towards Rehabilitation &amp; Resettlement has been deducted from the Capital Cost to arrive at the O &amp; M Expenses.



Other Income as on actual / anticipated COD

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

(Amount in Rs Lakh)

S. No	Parameters	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	01.04.2011 to 13.09.2011 (COD)
1	Interest on Loans and advance								
2	Interest received on deposits	0.41	518.51	1,342.68	1,186.69	929.42	380.92	821.25	410.07
3	Income from Investment								
4	Income from sale of scrap								
5	Rebate for timely payment								
6	Surcharge on late payment from beneficiaries								
7	Rent from residential building								
8	Misc. receipts (Please Specify Details)								
9	...								
...	... (add)								

Note: The above shown Income from Interest received on Deposits for the period upto COD has been duly adjusted from the IDC claimed by the Petitioner in Form 5B.



PETITIONER

Incidental Expenditure during Construction

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

(Amount in Rs Lakh)

S. No	Parameters	Upto Schedule COD	Up to actual COD
<b>A</b>	<b>Expenses:</b>		
1	Employees' Benefits Expenses		3,681.36
2	Syndication Fees		2,020.32
3	Communication Expenses		15.62
4	Power Charges		
5	Other Office and Administrative Expenses		1,587.19
6	Legal & Professional & Consultancy Charges		1,457.53
7	Insurance		6,500.05
8	Catchment Area Treatment Plan		4,080.63
9	Local Area Development		12,921.43
10	Environment Management Plan		7,645.43
11	Compensation for Land and Compensatory Afforestation		1,548.75
12	Bonus for early Commissioning		1,291.17
13	Tax		1,049.24
<b>B</b>	<b>Total Expenses</b>		<b>43,798.70</b>
	Less: Interest on Deposits		-5589.96
	Less: Sale of Infirrm Energy		-753.57
<b>C</b>	<b>Net Amount of IEDC</b>		<b>37,455.17</b>



PETITIONER





Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

**Actual Cash Expenditure**

Particulars	Upto 2002-03	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	Upto COD of Station (13.09.2011)
<i>Period wise</i>	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4
	Funds Available	5.00	4,999.73	5,003.52	50,015.02	48,452.82	52,094.66	1,60,727.99	1,74,082.19	2,19,381.31
	Payment to Contractors / Suppliers	0.27	4,996.22	4,988.50	41,400.20	29,802.16	41,558.75	1,23,299.03	1,67,992.84	1,84,498.67
% of fund deployment	5.33%	99.93%	99.70%	82.78%	61.51%	79.78%	76.71%	96.50%	84.10%	81.45%
<i>Cumulative</i>	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4
	Funds Available	5.00	5,000.00	10,000.00	60,000.00	99,838.00	1,33,282.00	2,83,474.08	4,20,127.30	6,33,419.27
	Payment to Contractors / Suppliers	0.27	4,996.48	9,984.98	51,385.18	81,187.34	1,22,746.09	2,46,045.11	4,14,037.96	5,98,536.63
% of fund deployment	5.33%	99.93%	99.85%	85.64%	81.32%	92.10%	86.80%	98.55%	94.49%	98.68%

PETITIONER





Design Energy and peaking capability (month wise) -  
ROR with Pondage / Storage type new stations

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
Installed capacity : No. of units x MW = 4 x 250 MW = 1000 MW

Month		Design Energy (Mus)	Designed Peaking Capability (MW)
April	I	57.81	Designed peaking capacity is 1000 x 1.10 (i.e. 110% of deemed rated capacity on continuous basis as per CEA Technical Standards for Connectivity to the Grid Regulation, 2007) = 1100 MW
	II	62.47	
	III	117.34	
May	I	159.74	
	II	167.33	
	III	250.83	
June	I	158.28	
	II	228.00	
	III	228.00	
July	I	228.00	
	II	228.00	
	III	250.80	
August	I	228.00	
	II	228.00	
	III	250.80	
September	I	203.70	
	II	172.14	
	III	103.23	
October	I	65.10	
	II	45.55	
	III	39.72	
November	I	33.66	
	II	38.26	
	III	59.66	
December	I	54.58	
	II	51.23	
	III	51.82	
January	I	43.70	
	II	41.07	
	III	42.02	
February	I	37.49	
	II	36.71	
	III	29.75	
March	I	39.94	
	II	45.26	
	III	53.07	
<b>Total</b>		<b>4131.06</b>	

Design Energy is based on revised water availability series as finalized by CEA during December, 2010 and the deemed rated capacity of 1000 MW.

Refer Enclosure - 1 to Form 2 for details of Design Energy generation

Specify the number of peaking hours for which station has been designed - minimum 3 hrs peaking operation at full peaking capacity of 1100 MW

We have approached CEA for uprating of installed capacity of Karcham Wangtoo HEP to 1091 MW and the matter is under consideration. On finalisation of the same, appropriate application shall be submitted to Hon'ble Commission.



PETITIONER

Design Energy and MW Continuous (month wise) - ROR type stations

Name of the Petitioner : JSW Hydro Energy Limited  
 Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant  
 Installed capacity : No. of units x MW =

Month	Design Energy * (Mus)	MW Continuous*
April	I II III	NOT APPLICABLE
May	I II III	
June	I II III	
July	I II III	
August	I II III	
September	I II III	
October	I II III	
November	I II III	
December	I II III	
January	I II III	
February	I II III	
March	I II III	
<b>Total</b>		

\*As per DPR/TEC of CEA dated .....



PETITIONER

Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant**Liability Flow Statement**

Party	Asset / Work	Year of actual capitalisation	Original Liability	Liability as on 31.03.2014					Discharges (Yearwise)					Reversal (Yearwise)				
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Land	Project Work	2011-12	1,260.00	1,260.00	-	-	150.10	20.49	-	-	-	-	-	-	-	-	-	
Environment & Ecology	Project Work	2011-12	7,356.53	4,780.84	1,507.39	2.23	1,536.46	0.93	1.31	-	-	-	-	-	-	-	-	
LADA	Project Work	2011-12	6,779.30	5,832.74	700.00	-	1,920.38	1,100.00	1,004.45	-	-	-	-	-	-	-	-	
Jaiprakash Associates Limited	Project Work	2011-12	31,369.90	3,711.07	3,711.07	-	-	-	-	-	-	-	-	-	-	-	-	
Interest Payable	Project Work	2011-12	3,300.84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Expenses Payable	Project Work	2011-12	385.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Finance Expenses Payable	Project Work	2011-12	211.61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Other Liabilities	Project Work	2011-12	16.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>			<b>50,679.51</b>	<b>15,584.65</b>	<b>5,918.46</b>	<b>2.23</b>	<b>3,606.94</b>	<b>1,121.42</b>	<b>1,005.76</b>									

PETITIONER



To,

The Board of Directors of  
JSW Hydro Energy Limited  
(Earlier known as Himachal Baspa Power Company Limited)

**Re: Statement for true up petition of capital cost and generation tariff of tariff period FY 2014 - FY 2019 under Regulation 8 of the CERC (Terms and Conditions of Tariff) Regulations, 2014 in respect of 1000 MW Karcham Wangtoo Hydro Electric Project (KWHEP) (the 'Statement').**

This Certificate is issued in accordance with the terms of our engagement with JSW Hydro Energy Limited (the 'Company' or 'JSWHEL') and having its registered office at Sholtu Colony, P.O Tapri, Dist-Kinnaur, Himachal Pradesh.

#### **Management's responsibility for preparation of the Statement**

The preparation of this Statement is the responsibility of the Management of the Company including the creation and maintenance of all accounting and other records supporting its contents. This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the Statement and applying an appropriate basis of preparation; and making estimates that are reasonable in the circumstances.

The Management is also responsible for ensuring that the Company complies with the requirements of the Guidelines issued by the Ministry of Power, Government of India and for providing all relevant information to the Central Electricity Regulatory Commission (CERC).

#### **Auditor's responsibility**

Pursuant to the requirements, it is our responsibility to obtain reasonable assurance and report that the amounts in the Statement are in accordance with the books of account and other records of the Company produced to us for our examination.

We conducted our examination of the statement in accordance with the Guidance Note on Reports or Certificates for Special Purposes issued by the Institute of Chartered Accountants of India which include the concept of test check and materiality. The Guidance Note requires that we comply with the ethical requirements of the Code of Ethics issued by the Institute of Chartered Accountants of India. We have complied with the relevant applicable requirements of the Standard on Quality Control (SQC) 1, Quality Control for Firms that Perform Audits and Reviews of Historical Financial Information, and Other Assurance and Related Services Engagements.

#### **Conclusion**

Based on our verification and according to the information and explanations given to us we, read with *Other Matters para* below, report that the amounts forming part of the Tariff Forms being filed for true up petition of capital cost and generation tariff of tariff period FY 2014 - FY 2019 [refer Annexures including their enclosures] are accurately extracted from the sources mentioned below and are in agreement with the books of account and other records of the Company as produced before us for our verification.



**Sources of Information/details:**

- i. The information/figures for the period upto March 31, 2014 are extracted from the audited financial statements of Jaypee Karcham Wangtoo Hydro Electric Plant [A division of Jaiprakash Power Ventures Limited (JPVL)] of the related financial years and the tariff forms filed for the period May 26, 2011 to March 31, 2014 under the MYT Petition no.434/GT/2014;
- ii. The information/figures for the period April 01, 2014 to upto August 31, 2015 are extracted from the audited financial statements of Jaypee Karcham Wangtoo Hydro Electric Plant [A division of Jaiprakash Power Ventures Limited (JPVL)]; and
- iii. The information/figures for the period September 01, 2015 upto March 31, 2019 are extracted from the audited financial statements of Karcham Wangtoo Hydro Electric Plant [A unit of JSW Hydro Energy Limited].

**Other Matters**

The above certificate has been prepared based on the books of account, records and documents maintained by the Company and produced before us for our verification. The audited financial statements for the period May 26, 2011 upto March 31, 2017 have been audited by other auditors, those financial statements, other financial information and auditor's reports have been furnished to us by the management. Our certification in so far as it relates to the amounts and disclosures included in respect of those period/s and our certificate in terms of our engagement, in so far as it relates to the aforesaid period/s are based solely on the reports of such other auditors.

In the course of the verification, we were provided with both written and verbal information, including financial data. We have evaluated the information provided to us by the Company through broad inquiry, analysis and review in accordance with the auditing standards generally accepted in India. Verification includes examining, on a test check basis, evidence supporting the amounts, and disclosures. Also, we assume no responsibility for technical information furnished by the Company, which are believed to be reliable.

**Restriction of use**

This certificate is issued for the sole use of the Board of Directors of the Company, to whom it is addressed, for submission to CERC and should not be used by any other person or for any other purpose. We neither accept nor assume any duty or liability for any other purpose or to any other party to whom our report is shown or into whose hands it may come without our prior consent in writing. This Certificate is specific to the date mentioned in it. We, however, have no obligation to update this certificate for events, trends or transactions relating to the Company in general and occurring subsequent to the date of this certificate. Further, the above details are subject to change on the basis of subsequent audit adjustments, if any.

**For SHAH GUPTA & CO.**

Chartered Accountants

Firm Registration No: 109574W



*Vipul K Choksi*

**Vipul K Choksi**

M. No.: 37606

UDIN: 19037606AAAACS4971

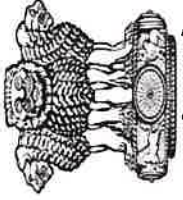
Place: Mumbai

Date: October 22, 2019

2 of 2 | Page

**SHAH GUPTA & CO**  
Chartered Accountants





सत्यमेव जयते  
GOVERNMENT OF INDIA  
MINISTRY OF CORPORATE AFFAIRS

Office of the Registrar of Companies

Corporate Bhawan, Plot No.-4, IInd Floor Sec.-27B, Chandigarh, Chandigarh, India, 160019

**Certificate of Incorporation pursuant to change of name**  
*[Pursuant to rule 29 of the Companies (Incorporation) Rules, 2014]*

Corporate Identification Number (CIN): U40101HP2014PLC000681

I hereby certify that the name of the company has been changed from HIMACHAL BASPA POWER COMPANY LIMITED to JSW HYDRO ENERGY LIMITED with effect from the date of this certificate and that the company is limited by shares.

Company was originally incorporated with the name HIMACHAL BASPA POWER COMPANY LIMITED.

Given under my hand at Chandigarh this Eleventh day of September two thousand eighteen.



MAHINDER SINGH PACHOURI

Registrar of Companies  
RoC - Himachal Pradesh

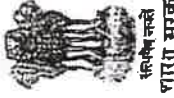
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Mailing Address as per record available in Registrar of Companies office:

JSW HYDRO ENERGY LIMITED

Karcham-Wangtoo H. E. Project, Sholtu Colony, P. O. Tapri, Sholtu, Kinnaur, Himachal Pradesh,  
India, 172104





सत्यमेव जयते  
भारत सरकार

Government of India  
विद्युत मंत्रालय

Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority  
विधि विभाग

Legal Division

No. CEA/LE&C/Legal/M/51/2017/408

Dated: 29.05.2017

The Secretary,  
Central Electricity Regulatory Commission,  
3 rd & 4 th Floor, Chandertok Building,  
36, Jaunpath, New Delhi-110001.

**Subject: Provisions of Electricity Act, 2003- Review of Techno Economic Clearance (TEC) No. 2/EIP/19/96-PAC/1409-1436 dated 31.03.2003 granted to Karcham Wangtoo HEP.**

Sir,

Reference is invited to the order passed by CERC under Petition No. 434/GT/2014 filed by M/s Himachal Baspa Power Company Limited regarding determination of generation tariff of Karcham Wangtoo Hydro Electric Project HEP 1000 MW). In pursuant to the said judgement the developer namely M/s Himachal Baspa Power Company Limited through M/s Jaiprakash Power Ventures Limited approached CEA for determination of the completion cost of the said project. The matter has been considered in CEA and our comments are as follows:

1. CEA, a statutory body constituted under the Electricity Act, 2003 is mandated to advise the appropriate Government and the appropriate Commission on all technical matters relating to generation, transmission and distribution of electricity.
2. No mandate have been extended to CEA to determine the completion cost of a generating station.
3. As such, CEA neither can be made a party for vetting of the completion cost of a generating station nor is responsible or provided with powers to advice CERC in such matters.

It is therefore submitted that the completion cost of the said project cannot be determined by CEA, as CEA have no mechanism to examine/vet fait-accomplis expenditure.

Yours faithfully,

  
( Sandesh Kumar Sharma )  
Chief Engineer(Legal)

✓ Copy to: Mr. Suren Jain, Managing Director, M/s Jaiprakash Power Ventures Limited, Sector-128, Noida - 201304, Uttar Pradesh(India)





भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

केन्द्रीय विद्युत प्राधिकरण

Central Electricity Authority

विधि प्रभाग

Legal Division

No.CEA/E&C/Legal/3/51/2017/ 544

Dated:23.06.2017

To

Mr. Suren Jain,  
Managing Director,  
M/s Jaiprakash Power Ventures Ltd.  
Sector-128, Noida -201304,  
Uttar Pradesh(India).

Subject: Provisions of Electricity Act, 2003- Review of Techno Economic Clearance (TEC) No. 2/HP/19/96-PAC/1409-1436 dated 31.03.2003 granted to Karcham Wangtoo HEP.

Reference is invited to your letter dated 19.06.2017 seeking status of your request submitted in CEA vide your letter dated 15.05.2017. It is to inform that the matter has already been considered and the reply has been forwarded to Secretary, CERC with a copy for yourself vide letter dated 24.05.2017 under Diary No. CEA/E&C/Legal/3/51/2017/408.

A copy of the same is enclosed for your reference and the copy may be considered as true copy for all purposes at your end.

Encl: As above.

Yours faithfully,

(Sandesh Kr. Sharma)  
Chief Engineer (Legal)







**Himachal Baspa Power Company Ltd.**

Baspa - II H.E. Project  
Sholtu Colony, P.O. Tapri - 172104  
District Kinnaur (Himachal Pradesh)  
CIN. : U40101HP2014PLC000681  
Phone : +91 1786 - 261253/254/255  
fax : +91 1786 - 261258  
Website : www.jsw.in

HBPCL/KWHEP/18  
16<sup>th</sup> April, 2018

Member (Planning)  
Central Electricity Authority  
Sewa Bhawan, Sector - 1  
R K Puram, New Delhi - 110066

Handwritten notes: M/18/4/18, Mainimex Singh, CEO, JINDAL

**Sub.: Uprating of Karcham Wangtoo Hydro Electric Project (1000 MW) by enhancing the capacity from 1000 MW (4x250 MW) to 1091 MW (4x272.75 MW)-Regarding**

Sir,

We very respectfully intend to make the following submissions regarding uprating of Karcham Wangtoo Hydro Electric Project(1000 MW) by enhancing the capacity from 1000 MW to 1091 MW for your kind consideration.

#### Proposal

The project namely Karcham Wangtoo Hydro Electric Project has been commissioned with a capacity of 1000 MW (4x250 MW) with an overload capacity provision of 20% on continuous basis. To utilize the maximum capacity of the project, it is now proposed that the project capacity may be uprated to 1091 MW (4x272.75 MW) with 10% provision on continuous overload operation.

#### Objective

The hydro: thermal ratio in India is depleting very fast amounting to loss of the hydro power which is the best source for balancing and meeting the peak demand of the country in a very short time. Considering the large scale integration of renewal energy (Wind & Solar power) into the grid, requirement of balancing power can be met by capacity addition from hydro electric projects. The hydro

Handwritten signature



Part of O P Jindal Group

Corporate Office : JSW Centre,  
Bandra Kurla Complex,  
Bandra (East), Mumbai - 400051  
Phone : +91 22 4286 1000  
Fax : +91 22 4286 3000



power utilizes the natural resource i.e. water power to its maximum capacity adding to increase in capacity of generation at no additional fuel cost.

### Background

The Karcham Wangtoo Hydro Electric Project (1000 MW) is a run of the river project developed on river Satluj between Karcham and Wangtoo villages in Kinnaur District of Himachal Pradesh. The project utilizes the head available between tail waters of 300 MW Baspa Hydroelectric Project Stage II and head waters of 1500 MW Nathpa-Jhakri Hydroelectric Project. The project has been commissioned in the year 2011 and is capable of working under 20% continuous overload operation.

The project had been accorded Techno Economic Clearance by Central Electricity Authority in March 2003 for a rated capacity of 1000 MW. Further, the Central Electricity Authority vide the Technical Standards of Connectivity to the Grid Regulations, 2007 requires generation upto 110% of the rated capacity on continuous basis for hydro electric projects. On basis of the water availability status, the submission was made by the Project Authorities in the year 2010 (during the advanced stage construction of the project) to Central Electricity Authority to review the water availability. Considering additional data, water availability based on flow series from 1972-73 to 2008-09 was further revised by the Central Water Commission.

Considering very high silt in the river Satluj in the Monsoon period from June to September which could cause frequent shutdowns of the plant resulting in design energy not being achieved, the project was commissioned with an installed capacity of 1000 MW with a provision of 20% continuous overload operation making it capable of operating at 1200 MW (4x300 MW) continuously to make good the design energy lost due to frequent shutdowns of the plant on account of high silt during monsoon period. The Project Authorities accordingly, took up the issue for review of installed capacity with the Central Electricity Authority with a



request to revise it on the basis of the power potential availability for the project to the best revised/deemed capacity of 1100 MW. The Government of Himachal Pradesh also communicated to the Central Electricity Authority in November, 2011 that it had no objection for installation of 300 MW turbines in place of 250 MW as per TEC accorded by Central Electricity Authority subject to examination of the safety aspects. The Central Electricity Authority communicated to the Project Authorities that the examination of safety aspects cannot be examined after the project is commissioned as required technical expertise for this is not available with CEA.

Accordingly examination of the adequacy and the safety aspects of the project for 20% overload operation (generation of 4x300 MW of power) was taken up by the Project Authorities with IIT, Roorkee, an expert body in the field of dam safety aspects. The report of the IIT, Roorkee (June 2015) provides that the project is safe for operating at 20% overload operation conditions (Report is enclosed at Annexure-I).

Further, the Power System Operation Corporation Limited (POSOCO) in May, 2012 had allowed injection of 1200 MW (300 MW from each unit) into the grid. The Central Electricity Authority during May 2013 had also allowed the Karcham Wangtoo and other projects to generate as per their full overload capacity and only in case of any problem detected during operation, NRLDC/NLDC shall curtail the overload operation.

It is to mention that the plant has continuously operated @1200 MW with generation of 300 MW of power from each generating unit during the period of three years i.e. from 2012-2015 (monsoon period) whenever requisite water in the river was available without encountering any problem and has, thus, indicated that the plant is capable of running at 20% overload operation continuously at 1200 MW (4x300 MW).



### **Techno Legal Provision**

The Central Electricity Authority approved the revised design energy during March, 2015 considering the revised water flow series and the plant capacity of 1000 MW (in line with the TEC). The Central Electricity Regulatory Commission vide order dated 30<sup>th</sup> March 2017 with reference to a petition filed for determination of generation tariff maintained the installed capacity of 1000 MW with overload capacity of 10% based on the recommendation of Central Electricity Authority as against the plant capability of continuous 20% overload operation.

As per Electricity Act, 2003 generation is a de-licensed activity. However, hydro generating projects with capital cost have a threshold limit, require concurrence of the Central Electricity Authority on matters as mentioned under Section 8 of the Act which inter-alia also includes the safety aspects.

It is also understood that a Standing Committee has been constituted under CEA for examining and according its concurrence for uprating, derating and retirement of the generation projects.

Considering the above and keeping in view the operational capacity of the project, the safety aspects and availability of water, this proposal is submitted before the Central Electricity Authority for uprating the project capacity from 1000 MW (4×250 MW) to 1091 MW (4×272.75 MW).

### **Technical Facts**

#### **Geology**

The project area is located in lesser Himalayan terrain having rock types belonging to Precambrian age and comprising of ortho and para gneisses of Jeori Wangtoo Gneissic complex forming basement of Rampur Group of Rocks. The project during execution has encountered tunneling problems peculiar to Himalayan geologic formations.



### Seismicity

The project site lies in seismic zone IV as per the seismic zoning map of India. The site specific design earthquake parameters study has been carried out by the Department of Earthquake Engineering, IIT, Roorkee and the National Committee of Seismic Design Parameters (NCSDP), CWC, GoI has conveyed it's clearance during August 2007 of the earthquake parameters wherein for MCE & DBE conditions, ground motion data will be multiplied by 0.38 & 0.19 respectively.

### The Project `as executed' comprises:-

- River diversion works having a 452.74 m long Diversion Tunnel along with 40.9 m long inlet structure and 46.942 m long outlet structure constructed on the left bank (total length of Diversion Tunnel is 540.59 m).
- A 16.5 m high u/s cofferdam and a 6.5 m high d/s cofferdam provided with jet grouted cut-offs.
- A 88 m high concrete diversion dam with a sluice spillway to pass a design flood of 6744 cumecs and a stilling basin for energy dissipation.
- An intake comprising 4 bays on right bank of the dam and an underground sedimentation chamber complex to exclude sediment particles higher than +0.2 mm size. Each sedimentation chamber is 424 m (L) × 18.0 m (W) × 30.25 m (H) with 70 m long U/S & D/S transitions and a 5.25 km long flushing tunnel to flush back the entrapped sediments back into the river Satluj.
- A 10.48 m dia 16.913 km long concrete lines head race tunnel (for a design discharge of 453 Cumecs) leading the diverted water into a 140 m high 16m/27m dia restricted orifice type surge shaft having 8 m deep open chamber at top.
- Four 5m dia penstock branch/pressure shafts taking off from surge shaft bottom to feed the water to 4 hydro generating Francis units of 272.75 MW capacity each (with 10% overload capacity) installed in an underground power house complex at Wangtoo.



A d/s surge chamber complex & 10.48 m dia 1.25 km long tail race tunnel to discharge water back into river Satluj.

The main colony and stores etc. for the project is established at Sholtu on left bank of river Satluj which is about 8.5 km from dam site and about 10.5 km from the Power House site besides other camps constructed at Kaksthal & at Sherpa Colony. A transit camp is also constructed at Bithal located at NH-22 on way from Shimla to Sholtu.

#### **Environmental Evaluation**

Environment Impact studies of Karcham Wangfoo Hydro Electric Project were carried out by the National Environmental Engineering Research Institute (NEERI), Nagpur. The Environmental Clearance (EC) was accorded to the Project by the MoEF during November, 2005 wherein a provision of Rs.154.46 Crores had been made for Environmental Management & Monitoring against which the Project has incurred an expenditure of Rs.250.20 Crores. A minimum of 7.38 cumecs is all the times being released d/s of the dam for aquatic life as per the directives of the HP Govt.

#### **Construction Schedule**

The project had been scheduled to be executed fully in 6 years (as per TEC) by 17<sup>th</sup> November, 2011 whereas it has been commissioned on 13<sup>th</sup> September, 2011, thereby 65 days ahead of schedule. In September, 2015, the Project has been acquired by Himachal Baspa Power Company Limited ( A Subsidiary of JSW Energy) from JP Power Ventures Ltd(JPVL) .

#### **Conclusion**

In light of optimum utilization of the generation capacity vis-à-vis availability of natural resource of water, it is proposed that the generating capacity of the project



may kindly be uprated to 1091 MW (4x272.75 MW) with continuous overload condition of 10% i.e. operation at 1200 MW (4x300 MW) as per the Central Electricity Authority Regulations 2007. Further, Design Energy based on the uprated capacity may also be approved accordingly.

We are hopeful that this proposal/submission is in line with the requirements of the Central Electricity Authority for consideration of the uprating of the capacity of the Hydro Generation Projects.

We will submit any further clarification/information/data in this regard whenever advised.  
Thanking you,

Yours Sincerely,  
for Himachal Baspa Power Company Limited

*Gyanbhadra K*

(Gyanbhadra Kumar)  
Sr. Vice-President & Head-Hydro &Renewable

Encl: Annexure: As Above

CC: The Chairman  
Central Electricity Authority  
Sewa Bhawan, Sector - 1  
R K Puram, New Delhi - 110066





Himachal Baspa Power Company Limited

Karcham-Wangtoo H. E. Project  
 Shoitu Colony, PO. Tapri - 172104  
 District Kinnaur (Himachal Pradesh)  
 Phone : 01786-261253/254/255  
 Fax : 01786-261258  
 CIN : U40101HP2014PLC000681  
 Website: www.jsw.in

HBPCL/KWHEP/18  
 16<sup>th</sup> April, 2018

Member (Hydro)  
 Central Electricity Authority  
 Sewa Bhawan, Sector – 1  
 R K Puram, New Delhi – 110066

**Sub.: Uprating of Karcham Wangtoo Hydro Electric Project (1000 MW) by enhancing the capacity from 1000 MW (4x250 MW) to 1091 MW (4x272.75 MW) - Regarding**

Sir,

We very respectfully intend to make the following submissions regarding uprating of Karcham Wangtoo Hydro Electric Project(1000 MW) by enhancing the capacity from 1000 MW to 1091 MW for your kind consideration.

#### **Proposal**

The project namely Karcham Wangtoo Hydro Electric Project has been commissioned with a capacity of 1000 MW (4x250 MW) with an overload capacity provision of 20% on continuous basis. To utilize the maximum capacity of the project, it is now proposed that the project capacity may be uprated to 1091 MW (4x272.75 MW) with 10% provision on continuous overload operation.

#### **Objective**

The hydro: thermal ratio in India is depleting very fast amounting to loss of the hydro power which is the best source for balancing and meeting the peak demand of the country in a very short time. Considering the large scale integration of renewable energy (Wind & Solar power) into the grid, requirement of balancing power can be met by capacity addition from hydro electric projects. The hydro power utilizes the natural

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resource i.e. water power to its maximum capacity adding to increase in capacity of generation at no additional fuel cost.

### **Background**

The Karcham Wangtoo Hydro Electric Project (1000 MW) is a run of the river project developed on river Satluj between Karcham and Wangtoo villages in Kinnaur District of Himachal Pradesh. The project utilizes the head available between tail waters of 300 MW Baspa Hydroelectric Project Stage II and head waters of 1500 MW Nathpa-Jhakri Hydroelectric Project. The project has been commissioned in the year 2011 and is capable of working under 20% continuous overload operation.

The project had been accorded Techno Economic Clearance by Central Electricity Authority in March 2003 for a rated capacity of 1000 MW. Further, the Central Electricity Authority vide the Technical Standards of Connectivity to the Grid Regulations, 2007 requires generation upto 110% of the rated capacity on continuous basis for hydro electric projects. On basis of the water availability status, the submission was made by the Project Authorities in the year 2010 (during the advanced stage construction of the project) to Central Electricity Authority to review the water availability. Considering additional data, water availability based on flow series from 1972-73 to 2008-09 was further revised by the Central Water Commission.

Considering very high silt in the river Satluj in the Monsoon period from June to September which could cause frequent shutdowns of the plant resulting in design energy not being achieved, the project was commissioned with an installed capacity of 1000 MW with a provision of 20% continuous overload operation making it capable of operating at 1200 MW (4x300 MW) continuously to make good the design energy lost due to frequent shutdowns of the plant on account of high silt during monsoon period. The Project Authorities accordingly, took up the issue for review of installed

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capacity with the Central Electricity Authority with a request to revise it on the basis of the power potential availability for the project to the best revised/deemed capacity of 1100 MW. The Government of Himachal Pradesh also communicated to the Central Electricity Authority in November, 2011 that it had no objection for installation of 300 MW turbines in place of 250 MW as per TEC accorded by Central Electricity Authority subject to examination of the safety aspects. The Central Electricity Authority communicated to the Project Authorities that the examination of safety aspects cannot be examined after the project is commissioned as required technical expertise for this is not available with CEA.

Accordingly examination of the adequacy and the safety aspects of the project for 20% overload operation (generation of 4x300 MW of power) was taken up by the Project Authorities with IIT, Roorkee, an expert body in the field of dam safety aspects. The report of the IIT, Roorkee (June 2015) provides that the project is safe for operating at 20% overload operation conditions (Report is enclosed at Annexure-1).

Further, the Power System Operation Corporation Limited (POSOCO) in May, 2012 had allowed injection of 1200 MW (300 MW from each unit) into the grid. The Central Electricity Authority during May 2013 had also allowed the Karcham Wangtoo and other projects to generate as per their full overload capacity and only in case of any problem detected during operation, NRLDC/NLDC shall curtail the overload operation.

It is to mention that the plant has continuously operated @1200 MW with generation of 300 MW of power from each generating unit during the period of three years i.e. from 2012-2015 (monsoon period) whenever requisite water in the river was available without encountering any problem and has, thus, indicated that the plant is capable of running at 20% overload operation continuously at 1200 MW (4x300 MW).



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### Techno Legal Provision

The Central Electricity Authority approved the revised design energy during March, 2015 considering the revised water flow series and the plant capacity of 1000 MW (in line with the TEC). The Central Electricity Regulatory Commission vide order dated 30<sup>th</sup> March 2017 with reference to a petition filed for determination of generation tariff maintained the installed capacity of 1000 MW with overload capacity of 10% based on the recommendation of Central Electricity Authority as against the plant capability of continuous 20% overload operation.

As per Electricity Act, 2003 generation is a de-licensed activity. However, hydro generating projects with capital cost have a thresh-hold limit, require concurrence of the Central Electricity Authority on matters as mentioned under Section 8 of the Act which inter-alia also includes the safety aspects.

It is also understood that a Standing Committee has been constituted under CEA for examining and according its concurrence for uprating, derating and retirement of the generation projects.

Considering the above and keeping in view the operational capacity of the project, the safety aspects and availability of water, this proposal is submitted before the Central Electricity Authority for uprating the project capacity from 1000 MW (4x250 MW) to 1091 MW (4x272.05 MW).

### Technical Facts

### Geology

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The project area is located in lesser Himalayan terrain having rock types belonging to Precambrian age and comprising of ortho and para gneisses of Jeori Wangtoo Gneissic complex forming basement of Rampur Group of Rocks. The project during execution has encountered tunneling problems peculiar to Himalayan geologic formations.

### Seismicity

The project site lies in seismic zone IV as per the seismic zoning map of India. The site specific design earthquake parameters study has been carried out by the Department of Earthquake Engineering, IIT, Roorkee and the National Committee of Seismic Design Parameters (NCSDP), CWC, Gol has conveyed it's clearance during August 2007 of the earthquake parameters wherein for MCE & DBE conditions, ground motion data will be multiplied by 0.38 & 0.19 respectively.

### The Project 'as executed' comprises:-

- River diversion works having a 452.74 m long Diversion Tunnel along with 40.9 m long inlet structure and 46.942 m long outlet structure constructed on the left bank (total length of Diversion Tunnel is 540.59 m).
- A 16.5 m high u/s cofferdam and a 6.5 m high d/s cofferdam provided with jet grouted cut-offs.
- A 88 m high concrete diversion dam with a sluice spillway to pass a design flood of 6744 cumecs and a stilling basin for energy dissipation.
- An intake comprising 4 bays on right bank of the dam and an underground sedimentation chamber complex to exclude sediment particles higher than +0.2 mm size. Each sedimentation chamber is 424 m (L) x 18.0 m (W) x 30.25 m (H) with 70 m long U/S & D/S transitions and a 5.25 km long flushing tunnel to flush back the entrapped sediments back into the river Satluj.

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- A 10.48 m dia 16.913 km long concrete lines head race tunnel (for a design discharge of 453 Cumecs) leading the diverted water into a 140 m high 16m/27m dia restricted orifice type surge shaft having 8 m deep open chamber at top.
- Four 5m dia penstock branch/pressure shafts taking off from surge shaft bottom to feed the water to 4 hydro generating Francis units of 272.75 MW capacity each (with 10% overload capacity) installed in an underground power house complex at Wangtoo.
- A d/s surge chamber complex & 10.48 m dia 1.25 km long tail race tunnel to discharge water back into river Satluj.

The main colony and stores etc. for the project is established at Sholtu on left bank of river Satluj which is about 8.5 km from dam site and about 10.5 km from the Power House site besides other camps constructed at Kaksthal & at Sherpa Colony. A transit camp is also constructed at Bithal located at NH-22 on way from Shimla to Sholtu.

#### Environmental Evaluation

Environment Impact studies of Karcham Wangtoo Hydro Electric Project were carried out by the National Environmental Engineering Research Institute (NEERI), Nagpur. The Environmental Clearance (EC) was accorded to the Project by the MoEF during November, 2005 wherein a provision of Rs.154.46 Crores had been made for Environmental Management & Monitoring against which the Project has incurred an expenditure of Rs.250.20 Crores. A minimum of 7.38 cumecs is all the times being released d/s of the dam for aquatic life as per the directives of the HP Govt.

#### Construction Schedule

The project had been scheduled to be executed fully in 6 years (as per TEC) by 17<sup>th</sup> November, 2011 whereas it has been commissioned on 13<sup>th</sup> September, 2011, thereby 65 days ahead of schedule. In September, 2015, the Project has been





Himachal Baspa Power Company Limited

acquired by Himachal Baspa Power Company Limited ( A Subsidiary of JSW Energy) from JP Power Ventures Ltd(JPVL) .

### Conclusion

In light of optimum utilization of the generation capacity vis-à-vis availability of natural resource of water, it is proposed that the generating capacity of the project may kindly be uprated to 1091 MW (4×272.75 MW) with continuous overload condition of 10% i.e. operation at 1200 MW (4×300 MW) as per the Central Electricity Authority Regulations 2007. Further, Design Energy based on the uprated capacity may also be approved accordingly.

We are hopeful that this proposal/submission is in line with the requirements of the Central Electricity Authority for consideration of the uprating of the capacity of the Hydro Generation Projects.

We will submit any further clarification/ information/data in this regard whenever advised.  
Thanking you,

Yours Sincerely,

for Himachal Baspa Power Company Limited

*Gyanbhadra Kumar*  
(Gyanbhadra Kumar)

**Sr. Vice-President & Head-Hydro &Renewable**

Encl: Annexure- As Above

**CC: The Chairman  
Central Electricity Authority  
Sewa Bhawan, Sector – 1  
R K Puram, New Delhi – 110066**



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**JSW Hydro Energy Limited**  
 (formerly Himachal Baspa Power Company Limited)  
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 Fax : 01786-261258

**JSWHEL/KWHEP/MOWR/19**  
**28th June 2019**

**To,**  
**Sh. Bhupesh Kumar,**  
 Sr. Joint Commissioner(PP),  
 Ministry of Water Resources, River Development & Ganga Rejuvenation,  
 Shram Shakti Bhawan, Rafi Marg,  
 New Delhi -110006.

**Sub: Uprating of Karcham-Wangtoo HEP (1000 MW), Himachal Pradesh, by  
 Enhancing the Installed Capacity from 1000 MW (4x250 MW) to 1091 MW(4x272.75  
 MW)-Constitution of Committee – Regarding**

**Ref: Your Office Letter Dtd. 10<sup>th</sup> June, 2019**

Dear Sir,

Vide the aforesaid referred letter, we have been advised to make submissions in respect of the subject matter. In pursuance thereof, we very respectfully intend to make the following submissions for your and Committee Member's kind consideration.

#### **Background**

Karcham-Wangtoo Hydro Electric Plant (a fully owned Unit of JSW Energy Limited) is the largest Hydro-Electric Plant in private space in the country. It is a run-of-the river project developed on river Satluj between Karcham and Wangtoo villages in Kinnaur district of Himachal Pradesh. The project utilises the head available between tail waters of 300 MW Baspa HEP and head waters of 1500 MW Nathpa-Jhakri HEP.

The project has been executed as per Implementation Agreement signed with Government of Himachal Pradesh in November, 1999 for 40 years from COD with a provision of further extension of maximum 20 years as per mutually agreed terms and conditions. The project was commissioned in September, 2011 and is capable of operating at 1091 MW with 10% overload.



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 2019  
 Received on 01/07/2019  
 JSC (PP)

Page 1



The project has incorporated various prudent design and operational measures such as design of Intake level/orientation, design of desilting chambers, not allowing water in water conductor system beyond 4500 ppm at Intake, hard coated runners & underwater parts of Turbines, use of blind trashracks during high discharge period to facilitate entry of less silted water etc.

It is our responsibility and also in our long term interest to operate the plant in a safe manner by following all statutory provisions/rules/codes and at the same time plan and operate in such a manner so as to ensure efficient utilization of natural resources.

However, economic operation criteria should be a call of the generating utility as all utilities are bound/mandated to follow safety /operational codes/regulations.

1. The project had been accorded Techno-Economic Clearance by Central Electricity Authority (CEA) in March 2003 for a rated capacity of 1000 MW. (**Annexure- 1**). The CEA vide the Technical Standards of Connectivity to the Grid Regulations,2007 requires generation upto 110 % of the rated capacity on continuous basis for hydro electric projects (**Annexure-2**).

On the basis of water availability status, the submission was made by the Project Authorities in the year 2010 (during advanced stage of project construction) to CEA to review the water availability. Considering additional data, water availability based on flow series from 1972-73 to 2008-09 was revised by the Central Water Commission (**Annexure-3**).

2. Considering very high silt in the river Satluj in the monsoon period from June to September which could cause frequent shutdowns of the plant resulting in design energy not being achieved, the project was commissioned with an installed capacity of 1000 MW with 20% continuous overload making it capable of operating at 1200 MW (4x 300 MW) to make good the design energy lost due to frequent shutdowns of the plant on account of high silt during monsoon period.

Lessons learnt from the experiences gained at Nathpa-Jhakri HEP have been incorporated in project design and operation parameters. These are also based on "**Report by Multi-Disciplinary Task Force on Problems of Silt Erosion &**





**Remedial Measures for NJHEP** " constituted by Ministry of Power, Govt of India.

In line with the Report's recommendations for short term and long term measures, silt monitoring system at Khab (70 kms away) has been established in collaboration with SJVNL, provision of blanking panels at lower level of the intake has been incorporated and operating protocol for shutdown of the plant at 4500 ppm at Intake has been established inter-alia.

3. The project authorities accordingly took up the issue for review of installed capacity with CEA with a request to revise it on the basis of the power potential availability for the project to the revised/deemed capacity of 1091 MW. The Government of Himachal Pradesh also communicated to CEA in November, 2011 that it had no objection for installation of 300 MW turbines in place of 250 MW as per TEC accorded by CEA subject to examination of the safety aspects (**Annexure-4**).
4. Further, the Power System Operation Corporation Limited (POSOCO) in May, 2012 had allowed Karcham Wangtoo HEP for injection of 1091 MW with 10% overload (Ex-Bus) into the grid. (**Annexure- 5**).CEA in their meeting ,during May 2013 had also allowed Karcham Wangtoo HEP to generate as per their full overload capacity with immediate effect and only in case of any problem detected during operation, NRLDC/NLDC shall curtail the overload operation.(**Annexure- 6**)
5. It is to mention that **during monsoon period**, the plant has continuously operated with 300 MW of power from each generating unit without encountering any problem during the period 2012-2015 whenever requisite water in the river was available and has, thus, established that the plant is capable of running at 1091 MW installed capacity with 10% overload continuously. Generating at 1091 MW with 10 % overload also helped to avoid spillage and corresponding natural resource/generation/revenue loss and resulted in optimum utilisation of natural resources.



6. Technical Committee constituted by GoHP during 2012 to study the deviations in technical parameters of different components of Karcham-Wangtoo HEP **recommended for further examination by expert organisation** as the project was already in operation. It also **recommended that uprating can be done after approval by the competent authority.**
- Subsequently consultants were engaged.
- Examination of the adequacy and the safety aspects of the plant for continuous operation at 4x300 MW (1091 MW installed capacity with 10% overload) was taken up by the Project Authorities with IIT, Roorkee, an expert body in the field of dam safety aspects. The report of the IIT, Roorkee (June 2015) brought out that the project is safe for operating at 1091 MW with 10% overload. (Report is enclosed at **Annexure-7**).
7. Subsequently, vide letter dtd.05/05/2016 (**Annexure-8**), GoHP decided that "...at the first instance the developer should apply for capacity enhancements beyond approved capacity of 1000 MW for which TEC/Concurrence has been granted by CEA...."
8. JSW also obtained an independent expert opinion from M/S AF-Consult, Switzerland about long term operational integrity and safety of Head Race Tunnel due to operations at 1091 MW with 10% overload. AF-Consult carried out the detailed study on the basis of As-built drawings, Construction design data and memo including geological information, Sedimentation and discharge data, Electro-Mechanical data etc under the leadership of Prof. A. Schleiss and Swiss Federal Institute of Technology, Lausanne (EPFL). They submitted the final report dtd 22nd May, 2018 which is placed as **Annexure-9**. Conclusion of the report is produced as under-
- "...the present study for the increased design discharge scenario **will not have any negative impact** on the stability of the concrete lining for all design criteria considered, either for external or internal water pressure....The increment of head losses due to increase of discharge **will unlikely produce erosion** in the



concrete lining in the head race tunnel....The effect of high velocity on the long term will **result in minimal abrasion** of the concrete lining in view of measured sediment concentrations. It is **unlikely** that the long term head losses are significantly impacted by the increase of roughness due to higher flow velocities..."

While carrying out independent study, AF-Consult /Prof. Schleiss asked for quantum of silt in Tonnes at draft tube during operation of the plant in high discharge period (May-August) from 2012 -2017.The same was duly provided (**Annexure-10A**) based on the actual ppm recorded during the period .In order to convert PPM value into silt load in Metric Tonnes the following formula was used as per SOP –

[ PPMx3600x1.4x0.4/1000000] Tonnes/MWh (**Annexure-10B**).

Here 1.4 is the average density of silt in Satluj river and 0.4 is average discharge required per MW.

Inadvertently, AF-Consult while converting back silt load from Tonnes into PPM(silt concentration in gm/litre), didn't use silt density division factor of 1.4 which resulted into higher PPM value at draft tube being shown in graph at Figure 4-2 and also captured in second para of their report [page 16(32)].This inadvertent omission was highlighted to them which they have corrected now and submitted the revised report on 24.06.2019(**Annexure-11**).

9. JSW Energy submitted the proposal for uprating the capacity of the plant from 1000 MW(4x250 MW) to 1091 MW(4x272.75 MW) to Member(Hydro),CEA on 16/04/2018.(**Annexure-12**).In response thereof, we were invited to make a presentation on 08/10/2018 in CEA for preliminary discussion on the subject matter and clarify the doubts of the designers on the issue.

10. Copy of the Presentation made by JSW to CE/CWC/NRPC on 08/10/2018 is enclosed herewith.(**Annexure-13A**).Presentation was also made by Prof. Schleiss/AF-Consult through skype from Switzerland , copy of which is enclosed as **Annexure-13B**. Minutes of the meeting were issued by CEA on 18/10/2018.(**Annexure-14**). During the aforesaid meeting, CWC representative asked Prof. Schleiss specifically to provide names of projects globally where



velocity in tunnel is close to or more than 6 m/s. In response to the above query , list of projects where velocity in HRT was in the range of 6 m/s or even more was shared by Prof. Schleiss/AF-Consult (**Annexure-15**) which was submitted to CEA on 19/10/2018 . The same has been also included in the revised report dtd 24<sup>th</sup> June'19 submitted by them.

11. As may be perused from the presentation, it will be observed that (i) the project has successfully operated at 1091 MW with 10% overload over the years 2012,2013,2014 &2015 during the monsoon period with approved schedule by NRLDC (ii) **Design discharge and Velocity in HRT while during operation at 1091 MW comes to 453 cumecs and 5.25 m/s respectively (Annexure-16)** (iii) There are number of projects wherein velocity in HRT is even more than 6 m/s (Also pls refer: Hydraulics by Prof.B.S.Thandaveswara, IIT Chennai, **Annexure-17**) (iv) There exists a signed protocol amongst NRLDC,NRPC,SJVNL &JSW for co-ordinated generation reduction and silt flushing ( Plants are shutdown once PPM level crosses 4500 threshold level) etc.

12. It is relevant to mention that as per **Civil Engineering Guidelines for Planning and Designing Hydroelectric Developments issued by American Society of Civil Engineers** “ ... Design velocities are usually in the range of **10 ft/s(3.05 m/s) to 20 ft/s(6.10m/s)....” (Annexure-18,Page-5-35)**

13. Further a meeting was convened on 27<sup>th</sup> Feb'2019 by the Ministry of Water Resources to discuss the issue of uprating of Karcham-Wangtoo HEP. Minutes are enclosed as **Annexure-19**.

14. Earlier one Committee constituted by Govt of Himachal Pradesh during the year 2012 had considered discharge through HRT while operating at 1200 MW as 543.2 cumecs and the resultant velocity in HRT as 6.3 m/s. (**Annexure-20**), [ Pls refer page 54 of 55(clause-7) ,page 46 of 55(clause-5.9.1) and page 18 of 55(clause-5.5.1.1) of the report ]

It is prudent to mention here that the above consideration by the committee was on the basis of minimum net head of 249. 80 m with reservoir level of 1807 m (it seems that the turbine parameters were taken from the assumed technical



specifications parameters at tendering stage instead of EM vendor's actual prototype data ).

As per calculations based on "as built" parameters and revised TG efficiency, revised net head corresponding to plant operation at 1091 MW with 10% overload with weighted reservoir level 1806.73 m comes to 254.40 m (Annexure-21). Corresponding to this revised net head/parameters, design discharge comes to 518 cumecs corresponding to 1091 MW with 10% overload and velocity in HRT comes to 6 m/s..

The above hydraulic parameters of discharge and velocity are also supported by the actual corresponding figures observed during operation of the plant at 1091 MW with 10% overload during the period 2012-2015 . Actual average discharge and velocity were found in the range of less than 510 cumecs and between 5.83 m/s to 5.91 m/s respectively (mentioned @Annexure-13 A) which is within average permissible velocity stipulated by IS:4880(Part-III)-1976].

**"IS: 4880 (Part III Hydraulic Design)-1976 – Indian standard Code of Practice for Design of Tunnels Conveying Water"** covers the recommendations in regard to the hydraulic design of tunnels conveying water. Most of Hydraulic Tunnels for Hydro Power Plants built and in operation for the last few decades in this country were designed as per this code.

The code mentions certain velocity restrictions for the permissible velocity inside tunnels as per below-

<b>Velocity Restriction Clauses as per IS 4880 (Part III) - 1976</b>	
Clause 0.2	With the confidence gained in the construction of a large number of tunnels and the availability of concretes of higher strengths in the country, the provisions of the code have been <b>recommended for adoption for tunnels carrying water at velocities upto 8 m/s</b> without need for model studies.
Clause 0.3.1	<b>These recommendations may be used for tunnels carrying water at velocities upto 8 m/s.</b> For tunnels carrying water at velocities more than 8 m/s ,the design based on these recommendations may have to be corroborated by hydraulic model studies.
Clause 5.1	<b>Average permissible velocity in a concrete lined tunnel may be about 6 m/s.</b> For steel lined tunnels, velocities as dictated by



	economic studies shall be chosen. In case of river diversion tunnels and tunnel spillways, there may be no such limitations on the maximum permissible velocities; however, the lining and its surface shall be designed to withstand the velocities, which will occur.
Clause 5.1.1.1	Permissible velocities in tunnels of different surfaces (unlined, concrete lined, steel lined) also depend upon the sediment load carried by the water. Where water carrying abrasive materials in suspension and as bed load is to be conveyed, the permissible velocity should be reduced. A recommendation velocity is 2.5m/s.

It may kindly be appreciated that the issue of permissible velocity in tunnel is techno-economical in nature and also linked with particle's size, shape, quality and hardness apart from concrete quality. In case of Karcham-Wangtoo HEP desilting chambers are designed to settle/flush particles more than 0.2 mm(Over the years, average observed value of particles more than 0.2 mm is only 6.33 ppm at Intake and only 1.44 ppm at draft tube as mentioned in Annexure-13 A) , discharge more than 4500 ppm is not allowed in tunnel, blind trash racks are used during monsoon to allow only clearer water in the tunnel from upper layer of the reservoir etc.

### Proposal

Karcham Wangtoo Hydro Electric Project has been commissioned with a capacity of 1000 MW (4x250 MW) with an overload capacity provision of 20% on continuous basis. To utilize the maximum capacity of the project, it is proposed that the project capacity may be uprated to 1091 MW (4x272.75 MW) with 10% provision of overload operation.

### Objective

The hydro: thermal ratio in India has deteriorated severely amounting to inadequate availability of hydro power which is the best source for balancing and meeting the peak demand of the grid in a very short time. Considering the large scale integration of renewable energy (Wind & Solar power) into the grid, requirement of balancing power can be met by additional capacity from hydro



electric projects. The hydro power utilizes the natural water resource to its maximum potential at no additional fuel cost. Also need of the day is to avoid spillage of water from dams and corresponding wastage of precious natural resources by utilizing the same for generation purposes as much as possible.

### **Techno Legal Provision**

CEA approved the revised design energy during March, 2015 considering the revised water flow series and the plant capacity of 1000 MW (in line with the TEC). (Annexure-22). Central Electricity Regulatory Commission (CERC) vide order dated 30<sup>th</sup> March 2017 with reference to a petition filed for determination of generation tariff maintained the installed capacity of 1000 MW with overload capacity of 10% based on the recommendation of CEA as against the plant capability of 1091 MW with 10% overload .

As per Electricity Act, 2003 generation is a de-licensed activity. However, hydro generating projects with capital cost above a threshold limit, require concurrence of CEA on matters as mentioned under Section 8 of the Act which inter-alia also includes the safety aspects.

Considering the above and keeping in view the operational capacity of the project, the safety aspects and availability of water, this proposal is submitted before the Expert Committee constituted by MOWR for considering uprating the plant capacity from 1000 MW (4x250 MW) to 1091 MW (4x272.75 MW).

There is also precedence for such uprating of installed capacity of Hydro-Electric Plant in the country. For example in case of Chuzachen HEP in Sikkim, installed capacity of the plant was uprated from 99 MW to 110 MW.



### Technical Facts

#### Geology

The project area is located in lesser Himalayan terrain having rock types belonging to Precambrian age and comprising of ortho and para gneisses of Jeori Wangtoo Gneissic complex forming basement of Rampur Group of Rocks.

#### Seismicity

The project site lies in seismic zone IV as per the seismic zoning map of India. The site specific design earthquake parameters study has been carried out by the Department of Earthquake Engineering, IIT, Roorkee and the National Committee of Seismic Design Parameters (NCSDP), CWC, GoI has conveyed it's clearance during August 2007 of the earthquake parameters wherein for MCE & DBE conditions, ground motion data will be multiplied by 0.38 & 0.19 respectively. (Annexure-23).

#### The Project `as executed' comprises:-

- River diversion works having a 452.74 m long Diversion Tunnel along with 40.9 m long inlet structure and 46.942 m long outlet structure constructed on the left bank (total length of Diversion Tunnel is 540.59 m).
- A 16.5 m high u/s cofferdam and a 6.5 m high d/s cofferdam provided with jet grouted cut-offs.
- A 88 m high concrete diversion dam with a sluice spillway to pass a design flood of 6744 cumecs and a stilling basin for energy dissipation.
- An intake comprising 4 bays on right bank of the dam and an underground sedimentation chamber complex to exclude sediment particles higher than +0.2





mm size. Each sedimentation chamber is 424 m (L) x 18.0 m (W) x 30.25 m (H) with 70 m long U/S & D/S transitions and a 5.25 km long flushing tunnel to flush back the entrapped sediments back into the river Satluj.

- A 10.48 m dia 16.913 km long concrete lined head race tunnel leading the diverted water into a 140 m high 16m/27m dia restricted orifice type surge shaft having 8 m deep open chamber at top.
- Four 5m dia penstock branch/pressure shafts taking off from surge shaft bottom to feed the water to 4 hydro generating Francis units of 300 MW capacity each installed in an underground power house complex at Wangtoo.
- A d/s surge chamber complex & 10.48 m dia 1.25 km long tail race tunnel to discharge water back into river Satluj.

The main colony and stores etc. for the project is established at Sholtu on left bank of river Satluj which is about 8.5 km from dam site and about 10.5 km from the Power House site besides other camps constructed at Kaksthal & at Sherpa Colony. A transit camp is also constructed at Bithal located at NH-22 on way from Shimla to Sholtu.

### **Construction Schedule**

The project had been scheduled to be executed fully in 6 years (as per TEC) by 17<sup>th</sup> November, 2011 whereas it has been commissioned on 13<sup>th</sup> September, 2011, thereby 65 days ahead of schedule. In September, 2015, the Project has been acquired by JSW Energy Ltd.

### **Conclusion**

In light of optimum utilization of the generation capacity vis-à-vis availability of natural river inflow, it is proposed that the installed capacity of the project may, kindly, be uprated from the existing 1000 MW( 4x250 MW) to 1091 MW



(4x272.75 MW) with overload provision of 10% as per the CEA Regulations 2007.

We are hopeful that the above submission is in line for consideration of the uprating of the capacity of the Hydro Electric Plants.

We will submit any clarification/additional information/data in this regard whenever advised.

Thanking you,

Yours faithfully,

For JSW Hydro Energy Ltd.

*Gyanbhadra K.*

(Authorised Signatory)

**Encl: As Below (4 Sets)**

1. Annexure -1 : Techno- Economic Clearance by CEA in March 2003.
2. Annexure -2: Technical Standards of Connectivity to the Grid Regulation, 2007 by CEA
3. Annexure-3: Copy of letter by CWC regarding revision of flow series data
4. Annexure-4:NOC by GoHP
5. Annexure-5: Letter of approval by POSCO to allow injection of 1200 MW into the grid
6. Annexure-6: Letter of Approval by CEA for projects to generate at overload capacity
7. Annexure-7: Report by IIT Roorkee on Adequacy and Safety aspect of the project for 1200 MW operation for Karcham Wangtoo
8. Annexure -8: GoHP letter advising developer to apply for capacity enhancement beyond 1000 MW
9. Annexure-9:Report of AF-Consult, Switzerland
10. Annexure-10A: Silt load in Tonnes (at draft tube) as provided to AF-Consult
11. Annexure-10B: Calculation sheet for arriving at Silt Tonnage from from measured ppm values at draft tube.



12. Annexure-11: Revised Report dtd 24.06.2019 by AF-Consult/Prof. A.Schleiss
13. Annexure-12: JSW Request to CEA for uprating of plant from 1000 MW to 1091 MW
14. Annexure-13A: JSW presentation to CEA, CWC/NRPC on 08.10.2018
15. Annexure-13B: Presentation by Prof. A. Schleiss/AF-Consult
16. Annexure-14: MOM of the above meeting
17. Annexure-15: JSW clarifications to CEA against the above MoM
18. Annexure-16: Design discharge and velocity in HRT @1091 MW
19. Annexure-17: Hydraulics by Prof.B.S.Thandaveswara, IIT Chennai
20. Annexure-18: Civil Engineering Guidelines for Planning and Designing Hydroelectric Developments issued by American Society of Civil Engineers
21. Annexure-19: Minutes of the Meeting dtd 27.02.2019 convened by MOWR
22. Annexure-20: Report of Technical Committee formed by GoHP during 2012 on Karchanm Wangtoo Project
23. Annexure-21: Head Loss calculation for 1200 MW Operation
24. Annexure-22: CEA letter for revised design energy
25. Annexure-23: CWC Letter of approval of seismic parameters by National Committee of Seismic Design Parameters





HBPCL/KWHEP/  
29<sup>th</sup> June 2018

Member (Hydro)  
Central Electricity Authority  
SewaBhawan, Sector - 1  
R K Puram, New Delhi - 110066

Website: www.jsw.in

Himachal Baspa Power Company Limited

Karcham-Wangtoo H. E. Project  
Sholli Colony, P.O. Tapri - 172104  
District Kinnaur (Himachal Pradesh)  
Phone : 01786-261253/254/255  
Fax : 01786-261258  
CIN : U40101HP2014PLC000681

29/6/18  
21/7/18  
26/7/18  
20/8

**Sub : Uprating of Karcham Wangtoo Hydro Electricity Project (1000 MW) by enhancing the Installed Capacity from 1000 MW (4X250 MW) to 1091 MW (4X272.75 MW) – Regarding**

**Ref : Our letter no. HBPCL/KWHEP/18 dated 16<sup>th</sup> April 2018**

Sir,

This is in continuation to our above referred letter regarding our request for uprating of Karcham Wangtoo HEP installed capacity from 1000(4x250) MW to 1091 (4x272.75)MW.

Vide the aforesaid letter, we have submitted that earlier, examination of the adequacy and safety aspects of the project for 20% overload operation (generation of 4x300 MW) was taken up by the then Project Authorities with IIT Roorkee, an expert body in the field of dam safety aspects. The report of IIT, Roorkee provided that the project is safe for operating at 20% overload conditions. Copy of the Report was also enclosed.

It is to bring to your kind notice that in order to be doubly sure about long term operational integrity and safety of Head Race Tunnel due to 20% continuous overload conditions (4x300 MW operation), HBPCL has appointed AF Consult, Switzerland Ltd to carry out the independent study who under the leadership of Professor Anton Schleiss and Swiss Federal Institute of Technology, Lausanne (EPFL).

The independent study by Prof.Schleiss, EPFL,Lausanne and AF-Consult Switzerland has concluded that -

**“the present study for the increased design discharge scenario will not have any negative impact on the stability of the concrete lining for all design criteria considered, either for internal or external water pressure. Furthermore, during oscillation of the surge tank, no washing out of joint fillings in the weak rock zone has to be feared, since the crack width in the reinforced concrete lining remaining well below 0.3 mm even under conservative assumptions”**

The study further establishes the fact that-

**“The increment of head losses due to the increase of discharge will unlikely produce erosion in the concrete lining in the headrace tunnel”**

A copy of the study is enclosed herewith for your ready reference.



Part of O.P. Jindal Group

Corporate Office : JSW Centre,  
Bandrakurla Complex, Bandra (E),  
Mumbai - 400 051.





Himachal Baspa Power Company Limited

Karcham-Wangtoo H. E. Project  
Sholku Colony, P.O. Tapri - 172104  
District Kinnaur (Himachal Pradesh)  
Phone : 01786-261253/254/255  
Fax : 01786-261258  
CIN : U40101HP2014PLC000681

Website: [www.jsw.in](http://www.jsw.in)

The aforesaid conclusions from the independent study by the world renowned international hydro expert, institute and the consultant are convincing and establishes the fact that the project is safe for continuous operation @20 % overload conditions (ie 4x300 MW) .

In view of the above submissions, it is once again proposed that the generating capacity of the project may kindly be uprated to 1091 MW(4x272.75 MW) with continuous overload condition of 10% ie. operation at 1200 MW(4x300 MW) as per Central Electricity Authority, Regulations, 2007.

We will submit any further clarification / information / data in this regard whenever advised.

Thanking

Yours Sincerely,  
For Himachal Baspa Power Company Limited

*Gyanbhadra K*

(Gyanbhadra Kumar)  
Sr. Vice-President & Head-Hydro & Renewable

Encl: Study Report by Prof. Anton Schleiss, EPFL Lausanne & AF-Consult, Switzerland

CC

The Chairman  
Central Electricity Authority  
SewaBhawan, Sector - 1  
R K Puram, New Delhi - 110066



Part of O.P. - Jindal Group

Corporate Office : JSW Centre,  
BandraKurla Complex, Bandra (E),  
Mumbai - 400 051.





**R. NAGPAL ASSOCIATES**  
CHARTERED ACCOUNTANTS

CERTIFICATE

B-1/1018, VASANT KUNJ,  
NEW DELHI - 110 070  
TELEPHONE : 41082626  
FAX : 26148150  
EMAIL : ravinagpal@vsnl.net  
ravinagpal@rnaca.in


Reg: Closing balance of advances as on 31.3.2014 included in Form 9E of the Tariff petition no. 434/GT/2014 pertaining to Karcham Wangtoo HEP

We M/s R. Nagpal Associates, Chartered Accountants, the statutory auditors of erstwhile Karcham Wangtoo HEP Unit of Jaiprakash Power Ventures Limited having its plant located at Karcham Wangtoo HEP, Sholtu Colony, P.O. Tapri, Dist. Kinnaur, HP; do hereby certify that as per information and explanation given to us and records produced before us, the closing balance of advances as on 31.3.2014 in the books of Karcham Wangtoo HEP, formerly a unit of Jaiprakash Power Ventures Limited, includes following:

	Amount- Rs.
a. Entry tax advance paid,	17,87,21,946
b. Advance tax (Income tax) paid	<u>3,16,90,934</u>
Total	<u>21,04,12,880</u>

This certificate is being issued on the sole request of the Karcham Wangtoo HEP Unit now a Unit of JSW Hydro Energy Limited, towards making compliance as per para 70 of the Hon'ble CERC order dated 30.3.2017.

For **R. Nagpal Associates**  
Chartered Accountants  
Firm Regn. No. 002626N

  
Place: New Delhi  
Date: 25/02/2019  
UDIN: 19081594AAAAAK3322



***Karcham Wangtoo HEP  
(Formerly a unit of Jaiprakash Power Ventures Limited)***

**BALANCE SHEET AS AT 25.05.2011**



**Karcham Wangtoo HEP**  
(Formerly a unit of Jaiprakash Power Ventures Limited)

BALANCE SHEET AS AT 25TH MAY - 2011

PARTICULARS	SCH	AS AT 25.05.2011		AS AT 31.03.2011	
		RUPEES		RUPEES	
<b>SOURCES OF FUNDS</b>					
<b>SHARE HOLDERS' FUNDS</b>					
Promoters fund / Equity	A		20,100,000,000		20,100,000,000
Share Application Money			1,350,000,000		1,350,000,000
<b>LOAN FUNDS</b>					
SECURED LOANS	B		42,787,889,909		41,891,926,589
<b>TOTAL SOURCES OF FUNDS</b>			64,237,889,909		63,341,926,589
<b>APPLICATION OF FUNDS</b>					
<b>FIXED ASSETS</b>					
Gross Block	C	46,306,417,353		46,008,474	
Less: Depreciation		36,113,294		31,132,865	
Net Block		10,193,123		14,875,610	
Capital Work in Progress	D	15,125,529,895		49,470,044,703	
Incidental Expenditure during implementation pending allocation		3,477,374,684	64,853,508,637	11,167,804,546	61,043,421,868
<b>CURRENT ASSETS, LOANS &amp; ADVANCES</b>					
Inventories	E	564,335		560,999	
Sundry Debtors		36,082,762			
Cash & Bank Balances		2,893,065,745		3,488,264,032	
Other Current Assets		15,565,195		23,203,053	
Loans & Advances		891,495,485		596,541,007	
		3,836,773,522		4,108,569,091	
Less: <b>Current Liabilities &amp; Provisions</b>	F				
Current Liabilities		1,466,757,298		1,377,942,983	
Provisions		6,834,633		7,339,067	
		1,473,591,931		1,830,162,050	
<b>NET CURRENT ASSETS</b>			(636,818,409)		2,278,107,041
<b>PROFIT AND LOSS ACCOUNT</b>			21,199,580		20,094,620
<b>TOTAL APPLICATION OF FUNDS</b>			64,237,889,909		63,341,926,589

Compiled from Books of accounts & found to be true & correct.

For R NAGPAL ASSOCIATES  
Chartered Accountants  
Firm Regn. No. 002626N



( R. NAGPAL  
Partner  
M.No. 81594



For and on Behalf of the Karcham Wangtoo HEP Unit





Sanjeev Kango  
Chief Financial Officer

Place: New Delhi  
Date: 25.07.2019





**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

PROFIT AND LOSS ACCOUNT FOR THE PERIOD FROM 1.4 2011 TO 25.5.2011

PARTICULARS	SCH	CURRENT YEAR		PREVIOUS YEAR	
		RUPEES		RUPEES	
<b>INCOME</b>					
<b>EXPENDITURE</b>					
Other Expenses	G		1,105,000		
			1,105,000		
Profit/(Loss) for the period			(1,105,000)		
Profit/(Loss) brought forwarded from previous year			(20,094,680)		(20,094,680)
<b>Profit / (loss) carried to Balance Sheet</b>			<b>(21,199,680)</b>		<b>(20,094,680)</b>

Compiled from Books of accounts & found to be true & correct.

For R NAGPAL ASSOCIATES  
Chartered Accountants  
Firm Regn. No.002626N



( R. NAGPAL )  
Partner  
M.No.81594

Place: New Delhi

Date: 25.5.2011

For and on Behalf of the Karcham Wangtoo HEP Unit





Sanjeev Kango  
Chief Financial Officer



**Karcham Wangtoo HEP  
(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULES TO BALANCE SHEET**

AS AT 25.05.2011 RUPEES	AS AT 31.03.2011 RUPEES
----------------------------	----------------------------

**SCHEDULE 'A'**

**SHARE HOLDERS' FUNDS**

Promoters fund / Equity	20,10,00,00,000	13,25,00,00,000
	20,10,00,00,000	13,25,00,00,000

**SCHEDULE 'B'**

**SECURED LOANS**

(including Interest accrued and due thereon)

**TERM LOANS FROM :**

Financial Institutions  
Banks

13,58,72,00,000		13,58,72,00,000
29,20,06,89,909		28,30,47,26,589
	42,78,78,89,909	41,89,19,26,589



**Karcham Wangtoo HEP  
(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULE 'C'**

**FIXED ASSETS**

Particulars	GROSS BLOCK		DEPRECIATION		NET BLOCK	
	Opening balance as on 01.04.2011	Additions during the period	Deductions during the period	As at 25th May, 2011	Upto 25th May 2011	As at 25th May, 2011
<b>LAND -</b>						
-Free hold Land	24,88,44,269	0	24,88,44,269	-	24,88,44,269	24,88,44,269
-Lease hold Land	17,87,31,964	0	17,87,31,964	14,18,677	5,22,64,318	12,64,67,646
Buildings	28,71,73,112	-	28,71,73,112	0	28,71,73,112	-
Plant & Machinery	45,55,95,65,766	-	45,55,95,65,766	-	45,55,95,65,766	-
Furniture & Fixture	16,92,501	-	16,92,501	2,04,673	2,18,864	14,87,828
Office Equipment	2,18,31,282	-	2,18,31,282	15,91,481	18,18,109	2,02,39,801
Light Vehicles	89,08,458	-	89,08,458	17,91,060	18,42,003	71,17,398
<b>Total</b>	<b>46,00,08,474</b>	<b>45,84,67,38,878</b>	<b>46,30,67,47,352</b>	<b>5,44,32,855</b>	<b>5,61,43,294</b>	<b>40,55,75,619</b>
Previous Year	44,16,61,941	1,83,46,533	46,00,08,474	18,85,762	5,25,47,093	40,55,75,619



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULES TO BALANCE SHEET**

**SCHEDULE 'D'**

**CAPITAL WORK IN PROGRESS AND INCIDENTAL EXPENDITURE DURING CONSTRUCTION PENDING ALLOCATION**

PARTICULARS	SCH	AS AT 25.05.2011 RUPEES	AS AT 31.03.2011 RUPEES
A Direct cost of project under construction			
Opening Balance		49,47,00,44,703	37,17,60,18,779
Add: Addition during the year		3,02,03,95,047	12,29,40,25,924
Less: Capitalisation during the year		37,36,49,09,855	-
Balance Capital Work in Progress		<b>15,12,55,29,895</b>	<b>49,47,00,44,703</b>
B Incidental Expenditure During Construction Pending Allocation			
Opening Balance		11,16,78,04,546	6,51,16,59,415
Add : Addition during the year		1,69,27,663	11,66,31,788
Employee Benefit Expense		77,03,86,152	4,33,52,79,450
Interest & Finance Charges		17,10,439	5,25,47,093
Depreciation		3,63,92,592	23,38,11,547
Other Expenses		(3,45,58,362)	(8,21,24,747)
Less : Other income		79,08,58,484	4,65,61,45,131
Less : Capitalisation during the year		8,48,12,88,346	-
Balance Incidental expenditure during construction pending allocation		<b>3,47,73,74,684</b>	<b>11,16,78,04,546</b>
<b>Total ( A + B )</b>		<b>18,60,29,04,579</b>	<b>60,63,78,49,249</b>



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

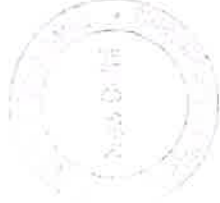
**SCHEDULES TO BALANCE SHEET**AS AT 31.03.2011  
RUPEESAS AT 25.05.2011  
RUPEES**SCHEDULE 'E'****CURRENT ASSETS, LOANS & ADVANCES****A CURRENT ASSETS**

i) Inventories (As per Inventories taken, valued and certified by the management)			
Stores and spares	5,64,335		5,60,999
ii) Sundry Debtor	3,60,82,762		
iii) Cash & Bank Balances			
a) Cash	8,10,429		4,23,603
b) Balances with Scheduled Banks			
- in Current Accounts	5,96,12,326		7,26,35,336
- in Fixed Deposit Account- (Pledged with Govt. Deptt. - 56,260/-)	8,91,89,201		8,82,01,046
( Previous year 55,760/- pledged with Govt. Deptt.)			
c) Trust & Retention Account			
i) - Current Account	8,31,53,789		1,02,69,04,047
ii) - Fixed Deposit Account	2,66,03,00,000	2,89,30,65,745	2,30,01,00,000
iv) Other Current Assets			
- Interest Accrued on Fixed Deposit with Banks	1,55,65,195		2,32,03,053
	<b>A</b>	<b>2,94,52,78,037</b>	<b>3,51,20,28,084</b>

**B LOANS AND ADVANCES**

(Unsecured, considered good)

Advance Recoverable in Cash or in kind for value to be received.	61,37,55,464		41,15,01,170
Security Deposit with Govt. Deptt.	12,41,75,432		2,01,30,000
Staff Imprest and advances	8,56,486		3,81,399
Prepaid Expenses	9,19,41,168		10,94,01,280
Advance Tax Deposit & Tax Deducted at Source	6,07,66,935		5,51,27,158
	<b>B</b>	<b>89,14,95,485</b>	<b>59,65,41,007</b>
<b>TOTAL A+B</b>	<b>3,83,67,73,522</b>		<b>4,10,85,69,091</b>





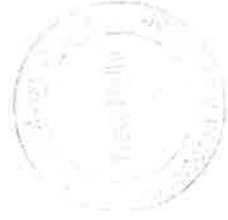
**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULE TO THE STATEMENT OF PROFIT & LOSS ACCOUNT**

**SCHEDULE 'G'**

**OTHER EXPENSES**

<b>PARTICULARS</b>	<b>FOR THE PERIOD FROM 1.4.2011 TO 25.5.2011</b>
	<b>RUPEES</b>
Miscellaneous Expense	11,05,000
<b>Total</b>	<b>11,05,000</b>



***Karcham Wangtoo HEP  
(Formerly a unit of Jaiprakash Power Ventures Limited)***

**BALANCE SHEET AS AT 22.06.2011**





**Karcham Wangtoo HEP**  
*(Formerly a unit of Jaiprakash Power Ventures Limited)*

BALANCE SHEET AS AT 22ND JUNE - 2011

PARTICULARS	SCH	AS AT 22.06.2011		AS AT 31.03.2011	
		RUPEES		RUPEES	
<b>SOURCES OF FUNDS</b>					
<b>SHARE HOLDERS' FUNDS</b>					
Shareholders' Fund / Equity	A		20,100,000,000		20,100,000,000
Share Application Money					1,350,000,000
<b>LOAN FUNDS</b>					
SECURED LOANS	B		43,553,668,623		41,891,926,589
<b>TOTAL SOURCES OF FUNDS</b>			<b>63,653,668,623</b>		<b>63,341,926,589</b>
<b>APPLICATION OF FUNDS</b>					
<b>FIXED ASSETS</b>					
Gross Block	C	51,381,366,800		460,008,474	
Less: Depreciation		56,989,774		54,432,855	
Net Block		51,324,377,027		405,575,619	
Capital Work in Progress including Incidental Expenditure during implementation pending allocation	D	12,350,820,121		49,170,044,703	
		2,662,120,880	66,337,618,027	11,167,804,540	61,013,124,868
<b>CURRENT ASSETS, LOANS &amp; ADVANCES</b>					
Inventories	E	577,177		560,999	
Sundry Debtors		75,356,595		3,188,261,032	
Cash & Bank Balances		594,067,135		23,203,053	
Other Current Assets		6,122,298		596,511,007	
Loans & Advances		891,179,528		1,325,341,924	
Less: Current Liabilities & Provisions	F				
Current Liabilities		4,565,186,634		1,822,922,983	
Provisions		6,798,095		7,239,067	
<b>NET CURRENT ASSETS</b>		<b>4,571,984,729</b>	<b>(3,004,681,995)</b>	<b>1,830,162,050</b>	<b>2,278,407,041</b>
<b>MISCELLANEOUS EXPENDITURE</b> (to the extent not written off or adjusted)					
<b>PROFIT AND LOSS ACCOUNT</b>			320,732,592		20,094,680
<b>TOTAL APPLICATION OF FUNDS</b>			<b>63,653,668,623</b>		<b>63,341,926,589</b>

Compiled from Books of accounts & found to be true & correct.

For R NAGPAL ASSOCIATES  
Chartered Accountants

Firm Regn. No. 0026240

( R. NAGPAL )  
Partner  
M.No.81594

Place: New Delhi

Date: 25.06.2011

For and on Behalf of the Karcham Wangtoo HEP Unit

  
Sanjeev Kango  
Chief Financial Officer



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

PROFIT AND LOSS ACCOUNT FOR THE PERIOD FROM 1.4.2011 TO 22.6.2011

PARTICULARS	SCH	CURRENT YEAR		PREVIOUS YEAR	
		RUPEES		RUPEES	
<b>INCOME</b>					
Interest Earned on Deposits		6,004,902			
		<b>6,004,902</b>			
<b>EXPENDITURE</b>					
Other Expenses		305,796,332			
Depreciation	G	816,180			
		<b>306,642,813</b>			
Profit/(Loss) for the period		(300,637,912)			
Profit/(Loss) brought forward from previous year		(20,094,680)			(20,094,680)
<b>Profit / (loss) carried to Balance Sheet</b>		<b>(320,732,592)</b>			<b>(20,094,680)</b>

Compiled from Books of accounts & found to be true & correct.

**For R NAGPAL ASSOCIATES**  
Chartered Accountants  
Firm Regn. No.002626N



( R. NAGPAL )  
Partner  
M.No.81594

Place: New Delhi  
Date: 25.01.2019

For and on Behalf of the Karcham Wangtoo HEP Unit





Sanjeev Kango  
Chief Financial Officer



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULES TO BALANCE SHEET**

<b>AS AT 22.06.2011</b>	<b>AS AT 31.03.2011</b>
<b>RUPEES</b>	<b>RUPEES</b>

**SCHEDULE 'A'**

**SHARE HOLDERS' FUNDS**

Promotors fund / Equity	20,10,00,00,000	20,10,00,00,000
	<b>20,10,00,00,000</b>	<b>20,10,00,00,000</b>

**SCHEDULE 'B'**

**SECURED LOANS**

(Including Interest accrued and due thereon)

**TERM LOANS FROM:**

Financial Institutions	13,58,72,00,000	13,58,72,00,000
Banks	29,96,64,68,623	28,30,47,26,589
	<b>43,55,36,68,623</b>	<b>41,89,19,26,589</b>



**Karham Wangtoo HEP  
(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULE 'C'**

**FIXED ASSETS**

Particulars	GROSS BLOCK		DEPRECIATION		NET BLOCK	
	Opening balance as on 01.04.2011	Additions during the period	Deductions during the period	As at 22nd June, 2011	Opening balance as on 01.04.2011	For the Period
LAND -						
-Free hold Land	24,88,44,269	-	-	24,88,44,269	-	24,88,44,269
-Lease hold Land	17,87,31,964	-	-	17,87,31,964	5,08,45,641	12,78,86,323
Buildings	-	28,71,73,112	-	28,71,73,112	-	28,71,73,112
Plant & Machinery	-	50,63,34,98,633	-	50,63,34,98,633	-	50,63,34,98,633
Furniture & Fixture	16,92,501	1,45,903	-	18,38,404	2,04,673	14,87,828
Office Equipment	2,18,31,282	5,40,678	-	2,23,71,960	15,91,481	2,02,39,801
Light Vehicles	89,08,458	-	-	89,08,458	17,91,060	71,17,398
<b>Total</b>	<b>46,00,08,474</b>	<b>50,92,13,58,326</b>	<b>-</b>	<b>51,38,13,66,800</b>	<b>5,44,32,855</b>	<b>40,55,75,619</b>
Previous Year	44,16,61,941	1,83,46,533	-	46,00,08,474	18,85,762	40,55,75,619



2011

**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULES TO BALANCE SHEET**

**SCHEDULE 'D'**

**CAPITAL WORK IN PROGRESS AND INCIDENTAL EXPENDITURE DURING CONSTRUCTION PENDING ALLOCATION**

PARTICULARS	AS AT 22.06.2011 RUPEES	AS AT 31.03.2011 RUPEES
<b>A</b> Direct cost of project under construction		
Opening Balance	49,47,00,44,703	37,17,60,18,779
Add: Addition during the year	4,34,50,08,540	12,29,40,25,924
Less: Capitalisation during the year	41,46,42,33,122	-
Balance Capital Work in Progress	<b>12,35,08,20,121</b>	<b>49,47,00,44,703</b>
<b>B</b> Incidental Expenditure During Construction Pending Allocation		
Opening Balance	11,16,78,04,546	6,51,16,59,415
Add : Addition during the year	1,94,95,664	11,66,31,788
Employee Benefit Expense	88,89,77,316	4,33,52,79,450
Interest & Finance Charges	17,10,439	5,25,47,093
Depreciation	7,78,45,092	23,38,11,547
Other Expenses	(3,69,73,554)	(8,21,24,747)
Less : Other income	95,10,54,957	4,65,61,45,131
Less : Capitalisation during the year	9,45,64,38,623	-
Balance Incidental expenditure during construction pending allocation	<b>2,66,24,20,880</b>	<b>11,16,78,04,546</b>
<b>Total ( A + B )</b>	<b>15,01,32,41,001</b>	<b>60,63,78,49,249</b>



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULES TO BALANCE SHEET**

SCHEDULE 'E'	AS AT 22.06.2011 RUPEES	AS AT 31.03.2011 RUPEES
--------------	----------------------------	----------------------------

**CURRENT ASSETS, LOANS & ADVANCES**

**A CURRENT ASSETS**

i) Inventories (As per Inventories taken, valued and certified by the management)	5,77,177	5,60,999
Stores and spares		
ii) Sundry Debtor	7,53,56,595	
iii) Cash & Bank Balances		
a) Cash	9,77,480	4,23,603
b) Balances with Scheduled Banks		
- in Current Accounts	3,00,07,778	7,26,35,336
- in Fixed Deposit Account- (Pledged (Pledged with Govt. Deptt.- 56,260/-)	14,37,58,802	8,82,01,046
( Previous year 55,760/- pledged with Govt. Deptt.)		
c) <u>Trust &amp; Retention Account</u>		
i) - Current Account	4,93,23,075	1,02,69,04,047
ii) - Fixed Deposit Account	37,00,00,000	2,30,01,00,000
iv) Other Current Assets		
- Interest Accrued on Fixed Deposit with Banks	61,22,298	2,32,03,053
	<b>67,61,23,205</b>	<b>3,51,20,28,084</b>

**B LOANS AND ADVANCES**

(Unsecured, considered good)

Advance Recoverable in Cash or in kind for value to be received.	65,02,83,929	41,15,01,170
Security Deposit with Govt. Deptt.	7,01,76,953	2,01,30,000
Staff Imprest and advances	12,54,391	3,81,399
Prepaid Expenses	8,28,95,686	10,94,01,280
Advance Tax Deposit & Tax Deducted at Source	8,65,68,569	5,51,27,158
	<b>89,11,79,528</b>	<b>59,65,41,007</b>
<b>TOTAL A+B</b>	<b>1,56,73,02,733</b>	<b>4,10,85,69,091</b>



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULES TO BALANCE SHEET**

AS AT 31.03.2011  
RUPEES

AS AT 22.06.2011  
RUPEES

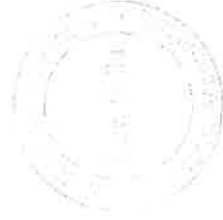
**SCHEDULE 'F'**

**CURRENT LIABILITIES & PROVISIONS**

	AS AT 22.06.2011 RUPEES	AS AT 31.03.2011 RUPEES
<b>A CURRENT LIABILITIES</b>		
i) Sundry Creditors		
--Due to Micro, Small Scale, Medium Scale Enterprises	4,19,18,13,117	1,70,37,20,215
--Other Creditors	1,33,70,673	95,61,636
ii) Due to Staff	23,97,11,864	7,41,32,067
iii) Interest accrued but not due on loans	12,02,90,979	3,55,09,065
iv) Other Liabilities	4,56,51,86,634	1,82,29,22,983
<b>A</b>		

**B PROVISIONS**

a. Provision for Staff benefits		
Provision for Gratuity	18,18,528	18,18,528
Provision for Leave Encashment	45,43,720	44,51,755
Provision for Provident Fund	3,95,263	9,28,200
b. Others		
Provision for Wealth Tax	40,584	40,584
<b>B</b>	<b>67,98,095</b>	<b>72,39,067</b>
<b>TOTAL A+B</b>	<b>4,57,19,84,729</b>	<b>1,83,01,62,050</b>



**Karcham Wangtoo HEP**  
**(Formerly a unit of Jaiprakash Power Ventures Limited)**

**SCHEDULE TO THE STATEMENT OF PROFIT & LOSS ACCOUNT**

**SCHEDULE 'G'**

**OTHER EXPENSES**

PARTICULARS	FOR THE PERIOD FROM 1.4.2011 TO 22.6.2011
	RUPEES
Salaries & Wages	63,84,831
Rent	3,30,021
Postage & Couriers Expense	528
Legal & Professional & Consultancy Charges	12,700
Advertisement Expenses	31,876
Travelling Expenses	10,54,507
Vehicle Running & Maintenance Expenses	43,203
Printing & Stationery Expenses	39,993
Telephone Expenses	7,531
Bank Charges & Guarantee Commission	382
Interest on Term Loan	27,95,16,405
Finance Charges	1,53,36,983
Directors' Sitting Fee	85,580
Miscellaneous Expense	29,51,793
<b>Total</b>	<b>30,57,96,333</b>





Karcham Wangtoo HEP

Annexure T 7

Reconciliation of loans drawn as per Form 14 with books of accounts

	Rs. Lakh					
	As on 31.3.2007	As on 31.3.2008	As on 31.3.2009	As on 31.3.2010	As on 31.3.2011	As on 12.09.2011
<u>Borrowings as per Balance sheet</u>						
Long term						
		<b>Schedule B</b>			<b>Note 3</b>	
Financial Institutions	6,776	12,737	45,824	58,589	1,35,872	1,34,061
Banks	18,062	45,545	1,45,150	2,29,038	2,83,047	3,03,228
Short term						<b>Note 6</b>
Financial Institutions						1,811
Banks						4,269
<b>Total</b>	<b>24,838</b>	<b>58,283</b>	<b>1,90,975</b>	<b>2,87,628</b>	<b>4,18,919</b>	<b>4,43,369</b>
Less: Short term loan - IDBI bank - repayable in 12 months (not considered for tariff purpose)				-25,000		
<b>Net Loans</b>	<b>24,838</b>	<b>58,283</b>	<b>1,90,975</b>	<b>2,62,628</b>	<b>4,18,919</b>	<b>4,43,369</b>
As per Form 14						
Loan drawn for the year	24,838	33,445	1,32,692	71,653	1,56,291	24,450
<b>Cumulative loans drawn</b>	<b>24,838</b>	<b>58,283</b>	<b>1,90,975</b>	<b>2,62,628</b>	<b>4,18,919</b>	<b>4,43,369</b>



**JAYPEE KARCHAM HYDRO CORPORATION LIMITED**

BALANCE SHEET AS AT 31ST MARCH, 2008

PARTICULARS	SCH	AS AT 31.03.2008		AS AT 31.03.2007	
		RUPEES		RUPEES	
<b>SOURCES OF FUNDS</b>					
SHARE HOLDERS' FUNDS					
SHARE CAPITAL	A		7,500,000,000		7,500,000,000
LOAN FUNDS					
SECURED LOANS	B		5,828,200,000		2,483,800,000
<b>TOTAL SOURCES OF FUNDS</b>			13,328,200,000		9,983,800,000
<b>APPLICATION OF FUNDS</b>					
<b>FIXED ASSETS</b>					
Gross Block	C	35,382,702		35,231,236	
Less: Depreciation		714,729		360,147	
Net Block		34,667,973		34,871,089	
Capital Work in Progress		5,536,061,696		1,099,242,003	
Incidental Expenditure during construction pending allocation		1,659,038,666	7,239,768,335	1,109,456,722	2,243,569,814
<b>CURRENT ASSETS, LOANS &amp; ADVANCES</b>					
Cash & Bank Balances	D	1,053,591,190		1,865,065,940	
Other Current Assets		11,336,367		18,631,269	
Loans & Advances		5,193,113,225		5,961,400,076	₹
		6,258,040,782		7,845,097,285	
Less: Current Liabilities & Provisions	E				
Current Liabilities		90,950,480		60,994,370	
Provisions		98,753,317		63,967,409	
		189,703,797		124,961,779	
<b>NET CURRENT ASSETS</b>			6,068,336,985		7,720,135,506
<b>MISCELLANEOUS EXPENDITURE</b> (to the extent not written off or adjusted)	F		20,094,680		20,094,680
<b>TOTAL APPLICATION OF FUNDS</b>			13,328,200,000		9,983,800,000

Accounting Policies and Notes to the Accounts G

As per our report of even date attached to the Balance Sheet

For M.P. SINGH & ASSOCIATES  
Chartered Accountants

(R. NAGPAL)  
Partner  
M.No.81594



Place: New Delhi

Date: 26-04-2008

For and on Behalf of the Board

*(Signature)*  
Managing Director

*(Signature)*  
Director

*(Signature)*  
Company Secretary



**JAYPEE KARCHAM HYDRO CORPORATION LIMITED**

**SCHEDULES TO BALANCE SHEET**

	AS AT 31.03.2008 RUPEES	AS AT 31.03.2007 RUPEES
<b>SCHEDULE 'A'</b>		
<b>SHARE CAPITAL</b>		
<u>Authorised</u>		
200,00,00,000 Equity Shares of Rs.10 each	20,000,000,000	20,000,000,000
(Previous Year 200,00,00,000 Equity Shares of Rs. 10 each)		
<u>Issued, Subscribed and Paid up</u>		
75,00,00,000 Equity Shares of Rs. 10 each	7,500,000,000.00	7,500,000,000
(Previous Year 75,00,00,000 Equity Shares of Rs.10 each fully paid up in cash)		
	<u>7,500,000,000.00</u>	<u>7,500,000,000</u>
The entire paid up Equity Share Capital is held by Jaiprakash Associates Limited, the Holding Company.		
<b>SCHEDULE 'B'</b>		
<b>SECURED LOANS</b>		
(Including Interest accrued and due thereon)		
<u>TERM LOANS FROM:</u>		
Financial Institutions	1,273,700,000.00	677,600,000
Banks	4,554,500,000.00	1,806,200,000
	<u>5,828,200,000.00</u>	<u>2,483,800,000</u>

d  
h  
m



## JAYPEE KARCHAM HYDRO CORPORATION LIMITED

BALANCE SHEET AS AT 31ST MARCH - 2010

PARTICULARS	SCH	AS AT 31.03.2010		AS AT 31.03.2009	
		RUPEES		RUPEES	
<b>SOURCES OF FUNDS</b>					
SHARE HOLDERS' FUNDS	A	13,250,000,000		9,250,000,000	
LOAN FUNDS SECURED LOANS	B	28,762,730,013		19,097,407,983	
<b>TOTAL SOURCES OF FUNDS</b>		<b>42,012,730,013</b>		<b>28,347,407,983</b>	
<b>APPLICATION OF FUNDS</b>					
<b>FIXED ASSETS</b>	C	441,661,941		409,217,883	
Gross Block		1,885,762		1,125,164	
Less: Depreciation		439,776,179		408,092,719	
Net Block					
Capital Work in Progress	D	37,176,018,779		18,091,062,602	
Incidental Expenditure during implementation pending allocation		6,511,659,415	44,127,454,373	3,072,518,162	21,571,673,483
<b>CURRENT ASSETS, LOANS &amp; ADVANCES</b>	E				
Inventories		2,028,242		2,794,559	
Cash & Bank Balances		608,934,356		3,742,896,537	
Other Current Assets		935,755		3,407,689	
Loans & Advances		2,171,734,686		7,032,712,124	
		2,783,633,039		10,781,810,909	
Less: Current Liabilities & Provisions	F				
Current Liabilities		4,781,105,386		3,904,645,238	
Provisions		137,346,693		121,525,851	
		4,918,452,079	(2,134,819,040)	4,026,171,089	6,755,639,820
<b>NET CURRENT ASSETS</b>					
<b>MISCELLANEOUS EXPENDITURE</b> (to the extent not written off or adjusted)	G		20,094,680		20,094,680
<b>PROFIT AND LOSS ACCOUNT</b>					
<b>TOTAL APPLICATION OF FUNDS</b>		<b>42,012,730,013</b>		<b>28,347,407,983</b>	

Accounting Policies and Notes to the Accounts H

As per our report of even date attached to the Balance Sheet

For M.P. SINGH & ASSOCIATES  
Chartered Accountants(R. NAGRAL)  
Partner  
M.No. 81594  
Firm Regn. No. 002183CPlace: Noida  
Date: 28th May, 2010

For and on Behalf of the Board

Managing Director

Chairman

Company Secretary



**JAYPEE KARCHAM HYDRO CORPORATION LIMITED**

**SCHEDULES TO BALANCE SHEET**

AS AT 31.03.2010 RUPEES	AS AT 31.03.2009 RUPEES
----------------------------	----------------------------

**SCHEDULE 'A'**  
**SHARE CAPITAL**

Authorised  
220,00,00,000 Equity Shares of Rs.10 each  
(Previous Year 200,00,00,000 Equity Shares of Rs. 10 each)

22,000,000,000	20,000,000,000
----------------	----------------

Issued, Subscribed and Paid up  
1325,000,000 Equity Shares of Rs. 10 each  
(Previous Year 9250,00,000 Equity Shares of Rs. 10 each fully paid up in cash)

13,250,000,000	9,250,000,000
----------------	---------------

13,250,000,000	9,250,000,000
----------------	---------------

Paid up Equity Share Capital for Rs.925 Crore is held by Jaiprakash Associates Limited,the Holding Company & Rs.400 Crore is held by Jaiprakash Power Ventures Limited.

**SCHEDULE 'B'**  
**SECURED LOANS**

TERM LOANS FROM :

Financial Institutions  
Banks

5,858,900,000	4,582,400,000
22,903,830,013	14,515,007,983


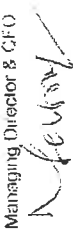

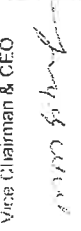


(Repayable within next 12 Months - Rs.250,00,00,000/-)

28,762,730,013	19,097,407,983
----------------	----------------

*Bales*      *W. M. J.*      *SZ*



JAYSHREE KARCHHAM WANGTOO HYDRO ELECTRIC PLANT  
(A DIVISION OF JAIPRAKASH POWER VENTURES LIMITED)  
BALANCE SHEET AS AT 12th SEPTEMBER 2011

		(Amount in Rupees)	
Particulars	Note No.	Figures as at the end of current reporting period, September 12, 2011	Figures as at the end of previous reporting period, March 31, 2011
<b>I. EQUITY AND LIABILITIES</b>			
(1) Shareholders' Funds			
(a) Share Capital	2	1,450,664,929	(20,094,600)
(b) Reserves and Surplus			1,350,000,000
(c) Money received against share warrants			
(2) Share application money pending allotment			
(3) Deferred Revenue			
(4) Non Current Liabilities	3	43,728,906,169	41,891,926,589
(a) Long term borrowings			
(b) Deferred tax liabilities (net)			
(c) Other Long-term liabilities			
(d) Long-term provisions	4	6,310,867	6,310,867
(5) Current Liabilities			
(a) Short-term borrowings	5	4,794,603,879	1,739,229,280
(b) Trade payables	6	871,831,993	74,132,067
(c) Other current liabilities	7	371,083,832	10,489,836
(d) Short-term provisions			
Inter Unit Balance		20,100,000,000	20,100,000,000
<b>TOTAL</b>		<b>71,323,401,669</b>	<b>65,151,993,959</b>
<b>II. ASSETS</b>			
(1) Non-current assets			
(a) Fixed assets			
(i) Tangible assets	8	67,765,793,148	405,575,619
(ii) Intangible assets			
(iii) Capital work in-progress	9	16,370,601	60,637,849,249
(iv) Intangible assets under development			
(b) Non-current investments			
(c) Deferred tax assets (net)			
(d) Long-term loans and advances	10	67,802,163,749	61,043,424,868
(e) Other non current assets			
(2) Current assets			
(a) Current investments	11	4,281,651	560,999
(b) Inventories	12	1,564,313,102	3,488,264,032
(c) Trade receivables	13	1,460,873,443	467,009,727
(d) Cash and cash equivalents	14	181,936,574	132,604,333
(e) Short term loans and advances			
(f) Other current assets	15	15,601,513	4,088,439,091
<b>TOTAL</b>		<b>71,323,401,669</b>	<b>65,151,993,959</b>
Summary of significant accounting policies			
1 (ii)			
The note nos. 1 to 36 are integral part of the financial statements			
FOR R. NAGPAL ASSOCIATES CHARTERED ACCOUNTANTS Firm Registration No. 002626N		 R.K. Narang Director  Y. K. Sharma Vice President (F & A)	
 R. NAGPAL Partner M.No. 81584		 M. M. Sibbal Sr. General Manager & Company Secretary	
Place: Noida Dated: 26.09.2014		 Manoj Gaur Chairman  Sunil Kumar Sharma Vice Chairman & CEO	



## Note "2" - Reserves and Surplus

Particulars	Figures as at the end of current reporting period, September 12, 2011	Figures as at the end of previous reporting period, March 31, 2011
<b>1. Surplus</b>		
Opening Balance	(20,094,680)	(20,094,680)
Add: Profit After Tax during the year	1,470,759,609	1,450,664,929
<b>Total</b>	<b>1,450,664,929</b>	<b>(20,094,680)</b>

## Non Current Liabilities

## Note "3" - Long-term borrowings

Particulars	Figures as at the end of current reporting period, September 12, 2011	Figures as at the end of previous reporting period, March 31, 2011
<b>"A" Secured Loans</b>		
<b>Term Loans</b>		
Rupee Loan		
- from Financial Institutions	13,406,082,624	13,587,200,000
- from Banks	30,322,823,545	28,304,726,589
Foreign Currency Loan		
- from Banks		
- from Financial Institutions	43,728,906,169	41,891,926,589
<b>Total "A"</b>	<b>43,728,906,169</b>	<b>41,891,926,589</b>
<b>"B" Unsecured Loans</b>		
<b>Total "B"</b>		
<b>Total "A + B"</b>	<b>43,728,906,169</b>	<b>41,891,926,589</b>

## Security for Term Loans

3.1(a) The Rupee Term Loan assistance of Rs. 44,336,917,895 (Previous Year-Rs.41,891,926,589) by financial institutions and banks together with all interest, cost and other charges/dues are secured by:

(i) First ranking pari-passu mortgage and hypothecation of all the immovable and movables assets both present and future, all intangible assets, uncalled capital and all revenues and receivables pertaining to Jaypee Karcham Wangloo HEP and English mortgage on immovable property at Vadgaon, Taluka Mawal, District Pune, Maharashtra .

(ii) Pledge of 120,600,000 equity shares of the Company held by JAL on pari passu basis with the lenders.

In the Previous year 325,500,000 equity shares of erstwhile Jaypee Karcham Hydro Corporation Limited (JKHCL) held by Jaiprakash Power Ventures Ltd (JPVL), earlier Holding Company of JKHCL and 277,500,000 equity shares of JKHCL held by Jaiprakash Associates Limited (JAL) were pledged with lenders on pari passu basis. Consequent to amalgamation, of JKHCL with JPVL 603,000,000 equity shares were converted into 120,600,000 equity shares of JPVL (65,100,000 equity shares held by JPVL and 55,500,000 equity shares held by JAL). 65,100,000 equity shares held by JPVL were released and replaced by JAL. Thus total 120,600,000 equity shares held by JAL were pledged

3.1(b)

The aforesaid Security ranks pari-passu with working capital lender (i.e. IDBI Bank Limited) for Working Capital limit of Rs 3,050,000,000





**R. NAGPAL ASSOCIATES**  
CHARTERED ACCOUNTANTS CERTIFICATE

B-1/1018, VASANT KUNJ,  
NEW DELHI - 110 070  
TELEPHONE : 41082626  
FAX : 26148150  
EMAIL : ravinagpal@vsnl.net  
ravinagpal@rmaca.in

Reg: Financing charges and Syndication fee included in Form 14 of the Tariff petition no. 434/GT/2014 pertaining to Karcham Wangtoo HEP

We M/s R. Nagpal Associates, Chartered Accountants, the statutory auditors of erstwhile Karcham Wangtoo HEP Unit of Jaiprakash Power Ventures Limited having its plant located at Karcham Wangtoo HEP, Sholtu Colony, P.O. Tapri, Dist. Kinnaur, HP; do hereby certify that as per information and explanation given to us and records produced before us, the details of financing charges and syndication fee appearing in the books of Karcham Wangtoo HEP, formerly a unit of Jaiprakash Power Ventures Limited, are as under:

Rs. Lakh

Particulars	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	Total
Facility Agent Fees	-	12.01	43.31	106.03	247.56	355.04	-	763.96
Up-Front Fees	-	2,132.56	39.33	14.05	206.81	441.20	-	2,833.94
Lender Engineer	-	147.75	0.58	-	-	-	16.38	164.71
Processing fee	16.53	5.00	-	-	2.76	-	-	24.29
Trusteeship	-	5.61	11.24	11.13	11.03	13.24	11.03	63.28
Syndication fee	-	2,020.32	-	-	-	-	-	2,020.32
Management fee	-	-	-	20.80	52.84	118.78	266.37	458.79
Others	-	746.48	0.87	0.11	8.27	12.68	0.30	768.71
<b>Total</b>	<b>16.53</b>	<b>5,069.73</b>	<b>95.32</b>	<b>152.12</b>	<b>529.27</b>	<b>940.94</b>	<b>294.08</b>	<b>7,098.00</b>

This certificate is being issued on the sole request of the Karcham Wangtoo HEP Unit now a Unit of JSW Hydro Energy Limited, towards making compliance as per para 70 of the Hon'ble CERC order dated 30.3.2017.

For **R. Nagpal Associates**  
Chartered Accountants  
Firm Regn. No. 002626N



Place: New Delhi  
Date: 25/02/2019  
UDIN: 19815941111119751





## JAYPEE KARCHAM HYDRO CORPORATION LIMITED

STATEMENT OF INCIDENTAL EXPENDITURE DURING CONSTRUCTION PENDING ALLOCATION  
FOR THE PERIOD FROM 1ST APRIL, 2005 TO 31ST MARCH, 2006

PARTICULARS	SCH	AS AT 31.03.2006 RUPEES	AS AT 31.03.2005 RUPEES
OPENING BALANCE			7,442,656
Salary,Wages and Bonus and other benefit		15,395,278	833,947
Gratuity		5,669,582	18,927
Remuneration in lieu of P F		104,257	53,812
Staff Welfare Expenses		385,519	78,500
Rent		214,134	182,903
Rates & Taxes		235,594	8,500
Legal & Professional Expenses		1,180,560	80,500
Insurance		649,260	-
Consultancy Charges		8,952	-
Filing Fee		3,357,905	-
Travelling Expenses		12,724	-
Telephone Expenses		404,830	123,632
Bank Charges & Guarantee Commission		46,795	21,510
Finance Charges		578,343	602,412
Compensatory Afforestation		1,653,000	5,923,250
Survey Investigation and Infrastructural Works		25,450,041	-
Catchment Area Treatment Plan		13,466,696	-
Compensation of Trees		169,344,347	-
Compensation for Building		6,409,239	-
Environmental Management Plan Monitoring Cost		17,385,838	-
Depreciation		2,500,000	-
Miscellaneous Expenses		64,984	-
Auditor's Remuneration		128,633	23,468
- For Audit		28,060	27,550
Interest Earned on Deposits		(51,850,986)	(41,460)
Less :Provision for Taxation		17,624,000	15,171
:Provision for Fringe Benefit Tax		99,813	-
Amount Carried Forward		(34,127,173)	(26,289)
		230,547,398	15,395,278

Accounting Policies and Notes to the Accounts F

As per our report of even date attached  
to the annual accounts.For M.P. SINGH & ASSOCIATES  
Chartered Accountants(R. NAGPAL)  
Partner  
M.No.81594

For and on Behalf of the Board

Director

Managing Director

Place: New Delhi

Date: 3rd June, 2006



**JAYPEE KARCHAM HYDRO CORPORATION LIMITED**

**STATEMENT OF INCIDENTAL EXPENDITURE DURING CONSTRUCTION PENDING ALLOCATION  
FOR THE YEAR ENDED 31ST MARCH, 2008**

PARTICULARS	SCH	AS AT 31.03.2008 RUPEES	AS AT 31.03.2007 RUPEES
OPENING BALANCE		1,109,456,722	230,547,398
Salary, Wages, Bonus and other benefit		36,625,050	18,097,110
Gratuity		569,617	229,587
Provident Fund/Remuneration in lieu of P F		2,519,842	1,283,779
Staff Welfare Expenses		3,220,354	1,672,831
Lease Rent		729,657	11,520,784
Rates & Taxes		5,010	682,560
Legal & Professional Expenses		305,698	6,065,666
Network Expense		7,444	-
Insurance - Others		40,278,460	80,484,638
Consultancy Charges		25,920,731	14,487,935
Filing Fee		8,907	11,348
Travelling Expenses		4,463,901	3,757,017
Telephone Expenses		383,791	257,322
Entry Tax paid		2,550	-
Bank Charges & Guarantee Commission		190,400	192,709
Interest on Term Loan		398,741,578	147,546,481
Finance Charges		9,532,407	304,940,545
Syndication Fee		-	202,032,000
Compensatory Afforestation		1,850,400	3,851,200
Catchment Area Treatment Plan		48,210,000	57,079,750
Compensation for Trees and Buildings		5,285,977	42,122,854
Compensation for Land		8,880,974	8,275,589
Environmental Management Plan Monitoring Cost		21,040,186	9,524,422
Local Area Development		25,711,141	58,057,529
Rehabilitation and Resettlement		-	4,330,000
Miscellaneous Expenses		1,704,270	4,105,955
Directors' Sitting Fee		620,000	20,000
Depreciation		354,582	295,163
Auditor's Remuneration		-	-
- Audit Fee		224,720	112,240
Interest Earned on Deposits		(118,668,903)	(134,268,377)
Less: Provision for Taxation		40,337,200	45,242,383
: Provision for Fringe Benefit Tax		526,000	365,000
Less: Recovered from EPC Contractor		(77,805,703)	(98,660,994)
Amount Carried Forward		1,669,038,666	1,109,456,722

Accounting Policies and Notes to the Accounts G

As per our report of even date attached  
to the Balance Sheet

For M.P.SINGH & ASSOCIATES  
Chartered Accountants

( R. NAGPAL )  
Partner  
M.No.81594



*[Signature]*  
Managing Director

For and on Behalf of the Board

*[Signature]*  
Director

Place: New Delhi

Date: 26-04-2008



**JAYPEE KARCHAM HYDRO CORPORATION LIMITED**

**STATEMENT OF INCIDENTAL EXPENDITURE DURING IMPLEMENTATION PENDING ALLOCATION FOR THE YEAR ENDED 31ST MARCH, 2009**

PARTICULARS	SCH	AS AT 31.03.2009		AS AT 31.03.2008	
		RUPEES		RUPEES	
OPENING BALANCE					
Salary, Wages, Bonus and other benefit			1,669,038,666		1,109,456,722
Gratuity			58,403,483		36,625,050
Provident Fund/Remuneration in lieu of P F			632,150		569,617
Staff Welfare Expenses			3,210,432		2,519,842
Lease Rent			4,899,219		3,220,354
Rent Other			1,331,000		729,657
Legal & Professional Expenses			3,093,840		5,010
Network Expense			2,320,899		305,698
Insurance - Others			39,774,166		7,444
Consultancy Charges			8,469,133		40,278,460
Filing Fee			11,296		25,920,731
Travelling Expenses			2,808,284		8,907
Telephone Expenses			237,395		4,463,901
Entry Tax paid			47,840		383,791
Bank Charges & Guarantee Commission			229,374		2,550
Interest on Term Loan			1,290,112,136		190,400
Finance Charges			15,211,848		398,741,578
Compensatory Afforestation			240,316		9,532,407
Catchment Area Treatment Plan			44,346,893		1,850,400
Compensation for Trees and Buildings			2,478,692		48,210,000
Compensation for Land			93,143,605		5,285,977
Environmental Management Plan Monitoring Cost			10,148,403		8,880,974
Local Area Development			76,185,796		21,040,186
Miscellaneous Expenses			1,434,279		25,711,141
Directors' Sitting Fee			800,000		1,704,270
Depreciation			410,435		620,000
Auditor's Remuneration					354,582
- Audit Fee			551,500		224,720
Interest Earned on Deposits					
Less: Provision for Taxation		(92,942,412)		(118,668,903)	
: Provision for Fringe Benefit Tax		31,725,000		40,337,200	
: Provision for Wealth Tax		558,000		526,000	
		37,481	(60,621,931)		(77,805,703)
<b>Total :</b>			3,268,889,148		
Less: Amount Capitalised - Land			(196,370,986)		
<b>Amount Carried Forward</b>			<b>3,072,518,162</b>		<b>1,669,038,666</b>

Accounting Policies and Notes to the Accounts G

As per our report of even date attached to the Balance Sheet

For M.P.SINGH & ASSOCIATES  
Chartered Accountants

( R. NAGPAL )

Partner

M.No.81594



Director

For and on Behalf of the Board

*S.K. Sharma*  
Managing Director

Chairman

*S.K. Sharma*  
Company Secretary

Place: New Delhi

Date: 30th May, 2009



## JAYPEE KARCHAM HYDRO CORPORATION LIMITED

## SCHEDULES TO BALANCE SHEET

SCHEDULE 'D'STATEMENT OF INCIDENTAL EXPENDITURE DURING IMPLEMENTATION PENDING ALLOCATION  
FOR THE YEAR ENDED 31ST MARCH, 2010

PARTICULARS	SCH	AS AT 31.03.2010		AS AT 31.03.2009	
		RUPEES		RUPEES	
OPENING BALANCE			3,072,518,162		1,669,038,666
Salary, Wages, Bonus and other benefit			75,927,732		58,403,483
Gratuity			2,523,057		632,150
Provident Fund			4,724,048		3,210,432
Staff Welfare Expenses			5,450,260		4,839,219
Lease Rent			859,801		1,331,000
Rent Other			4,610,504		3,093,840
Legal & Professional Expenses			12,034,103		2,320,899
Insurance - Others			281,805,176		39,774,166
Consultancy Charges			14,418,270		8,469,133
Filing Fee			55,255		11,296
Travelling Expenses			6,086,984		2,808,284
Telephone Expenses			322,764		237,395
Entry Tax paid			43,000		47,840
Bank Charges & Guarantee Commission			1,436,291		229,374
Interest on Term Loan			2,599,907,284		1,290,112,136
Finance Charges			52,927,380		15,211,848
Compensatory Afforestation					240,316
Catchment Area Treatment Plan			41,665,618		44,346,893
Compensation for Land			785,214		93,143,605
Environmental Management Plan Monitoring Cost			176,101,177		10,148,403
Local Area Development			177,851,802		76,185,796
Miscellaneous Expenses			2,324,182		3,912,971
Directors' Sitting Fee			760,000		800,000
Depreciation			760,598		410,435
Auditor's Remuneration :-					551,500
- Audit Fee			827,250		
- Reimbursement of expenses			1,630		
Interest Earned on Deposits		(38,092,227)		(92,942,412)	
Less :Provision for Taxation		13,010,100		31,725,000	
:Provision for Fringe Benefit Tax				558,000	
:Provision for Wealth Tax		14,000	(25,068,127)	37,481	(60,621,931)
Total :			6,511,659,415		3,268,889,148
Less: Amount Capitalised - Land					(196,370,986)
Amount Carried Forward			6,511,659,415		3,072,518,162



*Qaly* *30/3/10* *SS*



## JAYPEE KARCHAM HYDRO CORPORATION LIMITED

01142

## SCHEDULES TO BALANCE SHEET

## SCHEDULE 'D'

## STATEMENT OF INCIDENTAL EXPENDITURE DURING IMPLEMENTATION PENDING ALLOCATION FOR THE YEAR ENDED 31ST MARCH, 2011

PARTICULARS	SCH	AS AT 31.03.2011		AS AT 31.03.2010	
		RUPEES		RUPEES	
OPENING BALANCE		6,511,659,415		3,072,518,162	
Salary, Wages, Bonus and other benefit		91,486,559		64,256,292	
Gratuity		1,780,386		2,523,057	
Provident Fund and other expenses		4,964,389		4,724,048	
Directors Remuneration		17,055,570		14,968,331	
Staff Welfare Expenses		264,884		216,532	
Rent		5,312,249		5,470,305	
Postage & Couriers Expense		53,888		36,283	
Legal & Professional & Consultancy Charges		44,724,177		26,452,373	
Advertisement Expenses		483,191		518,728	
Insurance - Others		98,579,145		281,805,175	
Rates & Taxes		50,338		101,292	
Freight & Octroi Charges: Freight		23,036		411,415	
Power, Water & Electricity Charges		249,135		69,860	
Travelling Expenses		12,853,966		7,039,321	
Vehicle Running & Maintenance Expenses		1,080,240		1,094,000	
Printing & Stationery Expenses		321,785		149,540	
Telephone Expenses		217,564		322,764	
Entry Tax paid				53,000	
Bank Charges & Guarantee Commission		891,887		1,436,291	
Interest on Term Loan		4,240,293,059		2,599,907,384	
Finance Charges		94,094,494		52,927,380	
Catchment Area Treatment Plant		47,416,083		41,665,518	
Compensation for Trees and Buildings		2,048,210		785,214	
Compensation for Land		1,819,199			
Local Area Development & Environmental Management Plan Monitoring Cost		56,771,656		353,952,979	
Miscellaneous Expenses		5,159,084		1,062,309	
Directors' Sitting Fee		1,080,000		760,000	
Depreciation		52,547,093		760,598	
Internal Auditors Fee		441,200			
Auditor's Remuneration :-				827,250	
- Audit Fee				9,900	
- Reimbursement of expenses					
Interest Earned on Deposits (TDS- 60,96,805/-)			(82,124,747)		(38,092,227)
(Previous Year TDS 55,79,199/-)					
Less : Provision for Taxation					13,010,100
: Provision for Wealth Tax - Current Year		40,584			
- Previous Year		27,481			14,000
Less : Income Tax of Earlier Year Written Back			(44,456,059)		
Less : Excess Provision of EBT Written Back			(232,113)		
Amount Carried Forward		11,167,804,546		6,511,659,415	



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Note "9": Capital work in progress and incidental expenditure during construction pending allocation  
(Amount in Rupees)

Sl. No.	Particulars	Figures as at the end of current reporting period, September 12, 2011	Figures as at the end of previous reporting period, March 31, 2011
A	Direct cost of project under construction Opening Balance	49,470,044,703	37,176,018,779
	Add : Addition during the year	4,264,449,549	12,294,025,924
	Less : Capitalisation during the year	(53,718,123,651)	
	Balance Capital Work in Progress	16,370,601	49,470,044,703
B	Incidental Expenditure During Construction pending allocation		
	Opening Balance	11,167,804,546	6,511,650,415
	Add : Accrual during the year	25,524,812	116,631,788
	Employee Benefit Expense	1,186,249,240	4,335,279,450
	Interest & Finance Charges	1,710,439	52,547,093
	Depreciation	1,701,182,448	233,811,547
	Other Expenses	(41,006,982)	(82,124,747)
	Less : Other income		
	Less : Capitalisation during the year	2,873,659,957	4,656,145,131
	Balance Incidental expenditure during construction pending allocation	(14,041,464,503)	
	Total A + B	16,370,601	50,637,849,249

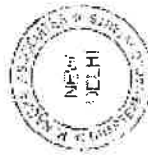
Note "10" : Long-term loans and advances

Particulars	Figures as at the end of current reporting period, September 12, 2011	Figures as at the end of previous reporting period, March 31, 2011
Secured Considered Good		
Unsecured considered good		
Security Deposits		
a) With Govt. Deptl.	132,959,347	20,130,000
b) With Jaiprakash Associates Ltd. - the holding company		
b) With Others	132,959,347	20,130,000
Other Loans & Advances	161,272,290	
Total	294,231,637	20,130,000

Current Assets

Note "11" - Inventories

Particulars	Figures as at the end of current reporting period, September 12, 2011	Figures as at the end of previous reporting period, March 31, 2011
Raw Material		
Work-in-progress		
Stores and Spares - at weighted average cost	4,281,651	560,989
Others		
Total	4,281,651	560,989



Handwritten signature and initials.





JSW Hydro Energy Limited (formerly known as Himachal Baspa Power Company Limited)

Details of Financing charges / Syndication fee

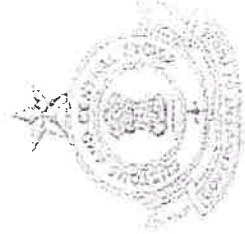
Year	Claimed in petition	Date of payment	Nature of expense	Lender	Amount	Remarks	Loan amount
2005-06	Finance charges	30.11.2005	Processing fee	HUDCO	5,51,000	Appl. fee on TL of Rs. 500 crore	
			Processing fee	REC	11,02,000	50% of appl. fee on TL	
2006-07	Finance charges	22.04.2006	Processing fee	BOB	5,00,000	Processing charges for term loan	
		24.4.2006	Lender's engineer fee	AZB Partners	18,96,198	Lender engineer 50% fee + out of pocket exp.	
		8.5.2006	Lender's engineer fee	Acres intl. Ltd	54,55,983	60% Mobilisation payment (in Candian dollars)	
		22.05.2006	Upront fee	IDBI	75,00,000	0.5% uprnt fee	1,50,00,00,000
		12.06.2006	Upront fee	IDBI	9,18,000	Ser. tax on 0.5% uprnt fee	
		12.06.2006	Lender's engineer fee	AZB Partners	18,05,000	Lender engineer 50% fee + out of pocket exp.	
		26.06.2006	Upront fee	ICICI	3,36,72,000	0.5% uprnt fee	6,00,00,00,000
		26.06.2006	Upront fee	Allahabad Bank	2,24,48,000	0.5% uprnt fee	4,00,00,00,000
		26.06.2006	Upront fee	PNB	3,92,84,000	0.5% uprnt fee	7,00,00,00,000
		26.06.2006	Upront fee	UBI	56,12,000	0.5% uprnt fee	1,00,00,00,000
		26.06.2006	Upront fee	Indian Bank	2,24,48,000	0.5% uprnt fee	4,00,00,00,000
		26.06.2006	Upront fee	SIDBI	84,18,000	0.5% uprnt fee	1,50,00,00,000
		26.06.2006	Upront fee	BOI	56,12,000	0.5% uprnt fee	1,00,00,00,000
		26.06.2006	Upront fee	J & K bank	56,12,000	0.5% uprnt fee	1,00,00,00,000
		26.06.2006	Upront fee	CBI	1,12,24,000	0.5% uprnt fee	2,00,00,00,000
		15.07.2006	Facility agent fee	ICICI	2,66,623	16 days' @ 1.05% on loan o/s of	51,61,00,00,000
		18.07.2006	Misc. exp.	BOI	20,697	Documentation and inspection charges	
		9.11.2006	Lender's engineer fee	Acres intl. Ltd	45,14,164	10% fee of phase 1 & 2 + out of pocket exp (in Candian dollars)	
		02.01.2007	Facility agent fee/uprnt fee	ICICI	4,48,96,000	Completion of assignment	8,00,00,00,000
		06.01.2007	Misc. exp.	CBI	9,000	Documentation and inspection charges	
		15.01.2007	Facility agent fee	ICICI	2,70,590	31 days' @ 0.55% on loan o/s of	51,61,00,00,000
		22.1.2007	Misc. exp.	ICICI	2,52,394	Security creation charges	
		7.2.2007	Lender's engineer fee	AZB Partners	80,000	additional matters	
		12.02.2007	Facility agent fee	ICICI	2,70,590	31 days' @ 0.55% on loan o/s of	51,61,00,00,000
		7.3.2007	Lender's engineer fee	Acres intl. Ltd	9,97,230	Consultant's visit fee	
		09.03.2007	Misc. exp.	Jaypee Siddharth	55,026	Hotel stay of bank officials	
		15.03.2007	Facility agent fee	ICICI	2,44,405	28 days' @ 0.55% on loan o/s of	51,61,00,00,000
		22.3.2007	Consutancy charges	Barclays capital	12,41,666	Review of EIA report	
		22.03.2007	Lender's engineer fee	Jaypee Vasant	26,275	Hotel stay of lender engineer	
		22.03.2007	Misc. exp.	Major DP dixit	13,150	Travelling exp.- train tkt. lending banker	
		26.03.2007	Security Trusteeship fee	IDBI	5,61,200	Security Trusteeship assignment service charges	
		31.03.2007	Misc. exp.	-	48,718	Hotel stay of bank officials	
		31.03.2007	Facility agent fee	ICICI	1,48,388	17 days' @ 0.55% (accrued) on loan o/s of	51,61,00,00,000
		31.03.2007	Uprnt fee	BOI	56,12,000	0.5% uprnt fee	1,00,00,00,000
		Jun2006	Syndication fee	ICICI		Syndication fee Rs. 18 cr + service tax @ 10.20%	
		20.20.32.000			20,20,32,000		
		30.49.41.430			30,49,41,430		



Year	Claimed in petition	Date of payment	Nature of expense	Lender	Amount	Remarks	Loan amount
2007-08	Finance charges	Refer	Facility agent fee	ICICI	43,31,286	Extracts from ledger	
		Annexure	Security Trusteeship fee	IDBI	11,23,600	Extracts from ledger	
			Lender's engineer fee	--	58,129	Extracts from ledger	
			Misc. exp.	--	86,792	Extracts from ledger	
			Uprfront fee	CBI	39,32,600	0.5% uprfront fee	70,00,00,000
2008-09							
		Refer	Facility agent fee	ICICI	1,06,03,113	Extracts from ledger	
		Annexure	Management fee	PNB	15,98,645	0.25% of loan amount -Extracts from ledger	98,21,00,000
			Management fee	IDBI	4,81,055	Extracts from ledger	19,13,00,000
			Security Trusteeship fee	IDBI	11,13,300	Extracts from ledger	
			Misc. exp.	--	11,236	Extracts from ledger	
			Uprfront fee	CBI	14,04,500	0.25% uprfront fee	50,00,00,000
2009-10							
		Refer	Facility agent fee	ICICI	2,47,56,337	Extracts from ledger	
		Annexure	Management fee	PNB	37,01,261	0.25% of loan amount -Extracts from ledger	98,21,00,000
			Management fee	IDBI	15,82,532	Extracts from ledger	19,13,00,000
			Processing fee	Allahabad Bank	2,75,750	Time line extension charges	
			Security Trusteeship fee	IDBI	11,03,000	Extracts from ledger	
			Misc. exp.	--	8,27,250	Extracts from ledger	
			Uprfront fee	IDBI	2,06,81,250	0.75% uprfront fee	2,50,00,00,000
2010-11							
		Refer	Facility agent fee	ICICI	3,55,04,308	Extracts from ledger	
		Annexure	Management fee	PNB	1,02,95,603	0.25% of loan amount -Extracts from ledger	98,21,00,000
			Management fee	IDBI	15,82,533	Extracts from ledger	19,13,00,000
			Security Trusteeship fee	IDBI	13,23,600	Extracts from ledger	
			Misc. exp.	--	12,68,450	Extracts from ledger	
			Uprfront fee	ICICI	1,10,30,000	0.5% uprfront fee	2,00,00,00,000
			Uprfront fee	IDFC	2,20,60,000	0.5% uprfront fee	4,00,00,00,000
			Uprfront fee	IDFC	1,10,30,000	0.5% uprfront fee	2,00,00,00,000
Upto 12-9-11							
		Refer	Management fee	PNB	95,32,441	0.25% of loan amount -Extracts from ledger	2,10,21,00,000
		Annexure	Management fee	IDBI	98,25,199	Extracts from ledger (incl processing charge)	60,13,00,000
			Management fee	UBI	27,57,500	Extracts from ledger	50,00,00,000
			Management fee	BOI	30,33,250	Extracts from ledger	55,00,00,000
			Management fee	J&K bank	14,89,050	Extracts from ledger	27,00,00,000
			Security Trusteeship fee	IDBI	11,03,000	Extracts from ledger	
			Lender's engineer fee	--	16,37,955	Extracts from ledger	
			Misc. exp.	--	13,293	Extracts from ledger	
			Grand total		70,97,84,248		



ANNEXURE Tg.



OFFICE OF THE COMMISSIONER OF SERVICE TAX, DELHI  
17-B, IAEA HOUSE, ESTATE, NEW DELHI

C.No.DL-II/ST/R-12/SCN/Jai Prakash/93/11 ~~24369~~ Date: 20-10-2011

SHOW CAUSE NOTICE No. 130/ST/Div-II/2011

M/s JaiPrakash Associates Limited, JA House, 63, Basant Lok, Vasant Vihar, New Delhi-110057 (hereinafter referred to as the "noticee") are registered with the Service Tax Department vide Registration Certificate No. DL-II/ST/CS/304/JPAL/2004 dated 27.12.2004 and SIC No. AABCB1562AST003 for providing Advertising Agency Service, Consulting Engineer's Service, Real Estate Agent Service, Credit Rating Agency Service, Convention Service, Banking & Financial Services, Commercial Training & Coaching Service, Management, Maintenance or Repair Service, Erection Commissioning or Installation Service, Business Auxiliary Services, Business Exhibition Services, Construction Services in respect of commercial and industrial building & civil structure, Transport of Goods by Road Service, Membership of club service, Construction of Residential Complex Service, Internet and Telecommunication Service, Renting of Immovable property, Works Contract Service, Information Technology & Software Service, Legal Consultancy Service and preferential Location and External/ Internal Development of Complexes service as defined under Section 65 of the Finance Act, 1994 as amended (hereinafter referred as "the said Act").

The noticee is obliged to comply with the provisions of the Finance Act, 1994 as amended and Rules and notifications issued there under



'Commercial or industrial construction service' was only available to 'dams' and not to the Hydroelectric projects' or any work related thereto. The Hydro electric projects executed by the noticee were of large and specialized form and the civil work for hydroelectric projects and the tunnels to hydroelectric projects were not covered in the exclusion clause. Thus, the noticee has inadvertently taken the exemption from payment of service tax on some portion of work executed in respect of Karchim Wangtoo during the period April, 2010 to March, 2011 whereas they were liable to pay service tax on the full payment received in respect of these projects. Further, the noticee vide their letter dated 19/10/2011 (RUD-VII) provided details of service tax paid in respect of Hydroelectric power project. On perusal of detail, it has been observed that the noticee has received Rs. 3,65,85,31,505/- against Civil work, Rs. 36,02,91,528/- against erection value of Hydro Mechanical Works and Rs. 1,50,71,65,480/- against erection value of Electro Mechanical Works. Thus, noticee is liable to pay Service Tax amounting to Rs. 56,91,76,817/- (including Cesses) on total payment of Rs. 5,52,59,88,513/- received against the services provided in respect of Hydroelectric power project during the period April, 2010 to March, 2011. Further, the noticee has paid Service Tax amounting to Rs. 15,71,36,772/- in respect of payment so received and taken exemption on the service portion that is related to Dams or Tunnel. Whereas such exemption is not admissible to the noticee on the grounds discussed above. Thus, Service Tax amounting to Rs. 41,20,40,045/- (including Cesses) short paid by the noticee for the period April, 2010 to September, 2011 is recoverable under Section 73(1) of the Act *ibid*.

6.2 Whereas, the noticee are not paying their service tax liability in respect of Construction service provided to educational institutes during the period April, 2010 to March, 2011 claiming them as exempted. Whereas the contention of the noticee that the construction service provided to educational institutes is not for commercial purpose as clarified in CBEC Circular F.No. 80/10/2004-ST dated




with the provisions of Section 68 of the said Act read with Rule 6 of Service Tax Rules, 1994.

(iv) Penalty under Section 77 should not be imposed upon the assessee for contravening the various provisions of Finance Act, 1994 and Service Tax Rules, 1994.

16. The noticee is further directed to submit a written reply incorporating all the evidence upon which they intend to reply in support of their defence. They must also indicate whether or not they would like to be heard in person before the case is finally adjudicated.

17. The noticee is further informed that if no cause is shown against the action proposed to be taken within the stipulated period of 30 days of the receipt of this notice and they do not appear for personal hearing on the date and time fixed for personal hearing, the case will be decided ex-parte, on the basis of the evidence on records without any further reference.

18. This demand-cum-show cause notice is issued without prejudice to any other action that may be taken against them or any other person concerned with acts, or omissions mentioned in this notice or not under the Service Tax law or any other law for the time being in force.

  
 (GAUTAM BHATTACHARYA)  
 COMMISSIONER

Encl: RUD-1 to RUD-VII

M/s JaiPrakash Associates Limited,  
 JA House, 63, Basant Lok,  
 Vasant Vihar, New Delhi-110057.

Page 12 of 13



FOR GENERAL USE

Section Officer (General)  
High Court of Himachal Pradesh  
Dehra

Copy of Order/Judgment/ Statement/ passed/ delivered/ recorded  
on 22-09-2010 by the Division Bench  
consisting of Hon'ble Mr. Justice Kuldeep Singh  
Hon'ble Mr. Justice Kuldeep Singh Judge.

In C. W. P. No. 5784/2010 Titled: State of Himachal Pradesh vs. M/s. Jai Prakash Power Ventures Ltd.

- 1. M/s Jai Prakash Power Ventures Ltd.,  
registered office at Juit Complex, Wahnaghat  
P.O. Dumehar Bani, Kandaghat  
Solan (H.P.)  
Through Mr.D.K. Malhotra  
Power Attorney Holder

.... Petitioner

Versus

- 1. State of Himachal Pradesh,  
Through Secretary, Excise & Taxation,  
Shimla-171002
- 2. Commissioner, Excise & Taxation,  
Govt. of Himachal Pradesh, Block No.30,  
Kasumptati, Shimla
- 3. Incharge, Multipurpose Barrer-cum-  
Excise & Taxation Officer, Parwahnoo,  
Distt. Solan,  
Himachal Pradesh

.... Respondents

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ATTESTED

*[Signature]*

Section Officer (Judicial)  
High Court of Himachal Pradesh



## CONTINUED ORDER SHEET

CWP No. 5934 of 2010.

Date

22.9.2010

Order

Present: Mr. M.M. Kiranna, Senior Advocate with Mr. Goverdhan Sharma, Advocate, for the petitioner.

Mr. R.K. Bawa, Advocate General with Mr. Ankush Sood Additional Advocate General, for the respondents.

The constitutional validity of the Himachal Pradesh Tax on Entry of Goods into Local Area Act, 2010 is under challenge. We find that several similar matters are pending before the Supreme Court and hence we feel it only appropriate to defer the final hearing. In SLP ( c) No. 14454-14778/2008, State of Orissa & others versus M/s Reliance Industries Ltd. & ors, the Supreme Court has passed an interim order on 3.2.2010 to the effect that the assessee will pay 1/3<sup>rd</sup> of the liability as assessed under the Act. There will hence be an interim order that the petitioner need pay only 1/3<sup>rd</sup> of the assessed amount for the time being. As far as the balance 2/3<sup>rd</sup> is concerned, the assessee will furnish security. It is made clear that the amount, thus paid by the assessee, shall be treated as deposit and not as tax till the final disposal of the matter. It is also made clear that in the event of the State losing its case, it shall be liable to refund the amount with interest to be fixed at the time of final hearing. Equally, in case the assessee loses its case in the High Court, it shall be liable to pay the balance amount with interest to be fixed at the time of the final hearing. It is also made clear that this order shall be applicable in the case of the petitioner only. Needless to say the deposit of 1/3<sup>rd</sup> of the assessed amount will only be after the assessment order is served on the assessee.

Copy dastl.

Self Karan Joseph, C.J.  
Self Kuldip Singh, J.

September 22, 2010

तारीख शुक्रवार, २२ सितंबर, २०१०, हिमाचल प्रदेश—1324450 एच सी ०/2009-21578/2010

*[Handwritten signature]*  
22/09/10

Session Officer (Judicial)  
High Court of Himachal Pradesh



PROFORMA USE  
Section Officer (Judicial)  
High Court of Himachal Pradesh  
Date: 23-5-18

Copy of Order/ Judgment/ Statement/ passed/ delivered/ recorded on 22-05-2018 by the Division Bench consisting of Hon'ble Mr. Justice Kuldip Singh Judge, Hon'ble Mr. Justice Kuldip Singh Judge, in Case No. 57357/2018 Filed:

1. M/s Jay Pee Karcham Hydro Corporation Ltd. registered office at Juit Complex, Wagnaghat P.O. Dumehar Bani, Kandaghat Solan (H.P) Through Mr.D.K. Malhotra Power Attorney Holder ..... Petitioner

Versus

- 1. State of Himachal Pradesh, Through Secretary, Excise & Taxation, Shimla-171002
- 2. Commissioner, Excise & Taxation, Govt. of Himachal Pradesh, Block No.30, Kasumptali, Shimla
- 3. Incharge, Multipurpose Barrier cum Excise & Taxation Officer, Parwanoo Distt. Solan, Himachal Pradesh

... Respondents

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ATTESTED  
Section Officer (Judicial)  
High Court of Himachal Pradesh



CONTINUED ORDER SHEET

CWP No. 5935 of 2010.

Date

22.9.2010

Order

Present: Mr. M.M. Khanna, Senior Advocate with Mr. Goverdhan Sharma, Advocate, for the petitioner.

Mr. R.K. Bawa, Advocate General with Mr. Ankush Sood Additional Advocate General, for the respondents.

The constitutional validity of the Himachal Pradesh Tax on Entry of Goods into Local Area Act, 2010 is under challenge. We find that several similar matters are pending before the Supreme Court and hence we feel it only appropriate to defer the final hearing. In SLP (c) No. 14454-14778/2008, State of Orissa & others versus M/s Reliance Industries Ltd. & ors, the Supreme Court has passed an interim order on 3.2.2010 to the effect that the assessee will pay 1/3<sup>rd</sup> of the liability as assessed under the Act. There will hence be an interim order that the petitioner need pay only 1/3<sup>rd</sup> of the assessed amount for the time being. As far as the balance 2/3<sup>rd</sup> is concerned, the assessee will furnish security. It is made clear that the amount, thus paid by the assessee, shall be treated as deposit and not as tax till the final disposal of the matter. It is also made clear that in the event of the State losing its case, it shall be liable to refund the amount with interest to be fixed at the time of final hearing. Equally, in case the assessee loses its case in the High Court, it shall be liable to pay the balance amount with interest to be fixed at the time of the final hearing. It is also made clear that this order shall be applicable in the case of the petitioner only. Needless to say the deposit of 1/3<sup>rd</sup> of the assessed amount will only be after the assessment order is served on the assessee.

Copy dasti. *Sofa Kauran Joseph, C.J.*  
*Sofa Kuldip Singh, J.*

*18/27/10*

September 22, 2010  
152440 000 0/2008 ATTENDED

Section Officer (Judicial)  
High Court of Himachal Pradesh





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### Case Details

**Filing No:** CWP/20660/2017

**Filing Date:** 07-04-2017

**Registration No:** CWP/665/2017

**Registration Date:** 10-04-2017

**CNR No:** HPHC010063232017

**Status:** Pending

### Case Status

**First Hearing Date:** 07-09-2017 **Next Hearing Date:** Next Date Is Not Given

**Stage Of Case:** ADMISSION MATTERS AFTER NOTICE **Bench:** Division

**Coram:** 2052 - HONOURABLE THE CHIEF JUSTICE V RAMASUBRAMANIAN HONOURABLE MR. JUSTICE ANOOP CHITKARA

### Party Detail

#### Petitioner Detail

**Name:** JAIPRAKASH POWER VENTURES LTD.

**Address:** -JUIT COMPLEX WAKNAGHAT PO DUMEHAR SOLAN H.P THROUGH SH.K.K JHANWAR SOLAN

**Advocate:** GOVERDHAN LAL SHARMA VAYUR GAUTAM YASHPAL SHARMA

**Advocate:** AG

### Act Details

Act

CONSTITUTION OF INDIA

ARTICLE226

Section





CWP No. 665 of 2017

07.09.2017 Present:

Mr. Balbir Singh, Sr. Advocate with M/s Amar Pratap, Goverdhan Sharma & Vayur Gautam, Advocates, for the petitioners.

Mr. Shrawan Dogra, Advocate General, with M/s Romesh Verma, Anup Rattan, Additional Advocate Generals & J.K. Verma, Deputy Advocate General, for the State.

Adjourned by six weeks, as prayed for. Interim to continue.

(Sanjay Karol),  
Acting Chief Justice.

(Sandeep Sharma),  
Judge.

September 7, 2017  
(Purohit)



CWP No. 2254 of 2017 a/w CWP Nos. 599, 628, 629, 641, 645, 647, 654, 657, 659, 660, 664, 665, 764, 803, 938, 954, 1168, 1215, 1359, 1621, 1622, 1641, 1665, 1678, 1683, 1740, 1750, 1963, 2255, 2256, 2260, 2532, 2572, 2573, 2578, 2602, 2634, 2685, 2686, 2715, 2719, 2720, 2721, 2724, 2759 of 2017, CWP Nos. 2240, 97, 181, 182, 292 of 2018,

14.03.2019 Present: Mr. K.D. Sood, Senior Advocate, with Mr. Shubham Sood, Advocate, Mr. Bimal Gupta, Senior Advocate, with Mr. Satish Sharma, Advocate, M/s Lovneesh Kanwar, Atul Jhingan, Goverdhan Lal Sharma, Maan Singh, Anil Chauhan, Varun Thakur, Kush Sharma and Aman Sood, counsel for the petitioners in the respective petitioners.

Mr. Ashok Sharma, Advocate General, with S/Shri Ranjan Sharma, Adarsh K. Sharma and Nand Lal Thakur, Additional Advocate Generals, for the State.

Ms. Kamlesh Shandil, counsel for the respondent-Bank.

Post these matters alongwith the matters, which have

not been shown in the cause list, on 1<sup>st</sup> June, 2019, as prayed for.

Pleadings be completed, including rejoinder(s), if any, in the meanwhile.

( Surya Kant ),  
Chief Justice

14<sup>th</sup> March, 2019(K/CS)

( Chander Bhusan Barowalia),  
Judge



**IN THE HON'BLE HIGH COURT OF HIMACHAL PRADESH  
SHIMLA**

**GMP No. OF-2017**

**IN**

**C.W.P.NO665 OF 2017**

**IN THE MATTER OF:**

1. Jaiprakash Power Ventures Ltd,  
JUIT Complex, Wagnaghat  
P.O. Dumehar Bani,  
Kandaghat, Solan (H.P.),  
(Through Sh. K.K. Jhanwar)
2. M/s Himachal Baspa Power Company Ltd  
Karcham- Wangtoo HE Project,  
Sholtu Colony, P O Tapri  
Sholtu Kinnaur- H P  
India-172104  
(Through Sh. K.K. Jhanwar)

Versus

1. State of Himachal Pradesh,  
Through Secretary, Excise & Taxation,  
Shimla-171002
2. Commissioner,  
Excise & Taxation,  
Govt. of Himachal Pradesh, Block No.30,  
Kasumpati, Shimla
3. Incharge, Multipurpose Barrier-cum-Excise  
& Taxation Officer,  
Parwanoo, Distt. Solan,  
Himachal Pradesh

.... Respondents

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Place: Shimla  
Dated: 05.04.2017

Petitioner  
Through Counsel

  
Goverdhan Lal Sharma/Vayur Gautam/Yashpal/Sharma  
(Advocates)



I

**IN THE HONBLE HIGH COURT OF HIMACHAL PRADESH****SHIMLA****C.W.P.NO. 665 OF 2017****IN THE MATTER OF:**

1. Jaiprakash Power Ventures Ltd,  
JUIT Complex, Wagnaghat  
P.O. Dumehar Bani,  
Kandaghat, Solan (H.P.),  
(Through Sh. K.K. Jhanwar)
  2. M/s Himachal Baspa Power Company Ltd  
Karcham- Wangtoo H E Project,  
Sholtu Colony, P O Tapri  
Sholtu Kinnaur- H P  
India-172104  
..... Petitioner
- Versus
1. State of Himachal Pradesh,  
Through Secretary, Excise & Taxation,  
Shimla-171002
  2. Commissioner,  
Excise & Taxation,  
Govt. of Himachal Pradesh, Block No.30,  
Kasumpati, Shimla
  3. Incharge, Multipurpose Barrier-cum-Excise  
& Taxation Officer,  
Parwanoo, Distt. Solan,  
Himachal Pradesh  
..... Respondents



**LIST OF EVENTS**

- 2005 The Himachal Pradesh Value Added Tax Act, 2005, (VAT Act) was enacted. The petitioner is registered as a 'dealer' as defined under the provisions of the Himachal Pradesh Value Added Tax Act, 2005.
- 12.03.2010 In the Budget Speech for the State of Himachal Pradesh for the year 2010-11, it was announced that the State Government proposes to introduce the Himachal Pradesh Tax on Entry of Goods Bill with a view to generate additional tax revenue.
- 30.03.2010 The Himachal Pradesh Tax on Entry of Goods into Local Area Bill, 2010 was passed by the Legislature.
- 07.04.2010 The Governor assented to the Himachal Pradesh Tax on Entry of Goods into Local Area Act, 2010. By notification No.LLR-0(6)-6/2010- Leg dated 07.04.2010 it was notified that the Governor has assented to the said Bill in exercise of his powers under Article 200 of the Constitution of India.



III

-----  
That the petitioner was involved in the production of electricity and was selling the same within the State of HP. In this regard, the petitioner had a Power Purchase Agreement (PPA) with HPSEB for the sale of the electricity.

06.09.2010 Aggrieved by the various provisions of the Entry Tax Act, 2010 the petitioner prefers the Writ Petition bearing no. 5934 of 2010 before this Hon'ble Court

22.09.2010 The Hon'ble Court was pleased to pass interim directions in the batch of writ petitions directing all the petitioners to deposit 1/3<sup>rd</sup> of the liability assessed under Entry Tax Act and furnish security for the balance amount.

05.08.2014 The said matters were disposed of by way of a common order dated 05.08.2014 wherein while disposing off all the connected Civil Writ Petitions the Hon'ble Court was pleased to direct as follows:

*"6. In the given circumstances, we deem it proper to dispose of these writ petitions by providing that all the writ petitions shall abide by the judgment of the apex Court read with the interim*



orders, referred to above. It is made clear that the writ petitioners/ writ respondents are at liberty to lay motion in terms of the apex Court judgment, if need arises."

2015 The respondents moved an application no CMP No. 12306 & 12310 of 2015 in CWP No. 7172/2010 for amendment of order dated 22.01.2013 passed in CWP No. 492/2013 in view of orders passed by apex court in Special Leave to Appeal (C) No. 8231 of 2015 and CMP No. 12310 of 2015 for deposit of 50% amount of Entry Tax liability.

14.12.2015 The Hon'ble High Court was pleased to modify, vide order dated 14.12.2015, and directed the petitioner to deposit 50% of the demand notice and to further execute security for balance 50% of the amount by making the order the part of the judgment passed in batch of the writ petitions

11.11.2016 That Hon'ble Supreme Court in Civil Appeal No.3453/2002 titled as *Jindal Stainless Ltd. & Ors. versus State of Haryana* along with other connected matters decided the questions of law





✓

referred to the Nine Judges qua the entry tax legislations. More so, a direction was given that the principles laid down by the Nine Judge Bench should be applied by the Division Bench of the Hon'ble Supreme Court for disposal of entry tax appeals arising from various High Courts.

21.03.2017 The Division Bench of the Hon'ble Supreme Court on 21<sup>st</sup> March, 2017 in the case of State of UP & Ors. vs. Indian Oil Corporation Ltd. & etc. CA No. 997-998/2004 decided that the matter pertaining to Entry Tax are required to be examined by the respective High Courts in view of the reference answered by the Nine Judges.

24.03.2017 That the respondent issued a recovery notice dated 24.03.2017 directing the Petitioner herein to deposit balance entry tax within three days from the date of receipt of notice and further deputed their representatives to encash Fixed Deposit (FDs) of about Rs.1.58 crores from State bank of India, Sholtu Branch. However, it would not be out of context to mention that the said notice has been forwarded by the



respondent by wrongly interpreting the judgment passed by the Supreme Court.

27.03.2017 Accordingly, the Petitioner preferred CMP No.1897/2017 before the Hon'ble High Court in order to prevent the respondent from encashing the Fixed Deposits and the same was considered by the Court. Learned AG gave the undertaking that FDs will not be encashed. Accordingly the decision of the Court was communicated and necessary instruction was circulated to respective Sales Tax Office stating no action for encashment to be initiated till 10<sup>th</sup> April, 2017 and the matter was adjourned till 10<sup>th</sup> April, 2017.

--.--.2017 Hence, the present petition.

*[Signature]*

PETITIONER

Place: Shimla

Dated: \_\_\_\_\_.2017

Through Counsel



(Advocate)

*Goverdhan Lal Sharma,*

*Very Hon'ble*

*Very Hon'ble*

*(Judge)*

*Shimla*

*Yashpal Sharma*

*(Advocate)*

Year/Period	Actual gross generation			Actual Aux Consumption			Actual Aux Consumption (% rate)			Saleable scheduled energy (A) (net of free power@12%)			on the basis of actual aux. consumption					
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
April	157.88	224.67	157.13	147.00	147.00	147.00	1.06	0.71	0.68	0.76	0.67	0.65	1.06	0.71	0.68	0.76	0.67	0.65
May	414.69	684.47	560.03	679.29	772.14	772.14	4.36	2.54	4.92	4.97	4.92	4.86	4.36	2.54	4.92	4.97	4.92	4.86
June	695.55	782.76	777.93	728.66	864.07	864.07	4.92	4.48	4.92	4.97	4.92	4.86	4.92	4.48	4.92	4.97	4.92	4.86
July	892.25	844.23	791.03	777.05	798.45	798.45	5.61	5.22	5.08	5.25	5.08	5.00	5.61	5.22	5.08	5.25	5.08	5.00
August	815.18	816.06	727.78	698.65	742.27	742.27	5.08	5.33	4.95	4.63	4.95	4.86	5.08	5.33	4.95	4.63	4.95	4.86
September	438.24	499.07	525.60	448.65	545.32	545.32	3.12	2.80	3.35	2.89	3.12	3.00	3.12	2.80	3.35	2.89	3.12	3.00
October	235.81	240.85	255.60	241.80	246.11	246.11	1.59	1.65	1.68	1.81	1.76	1.68	1.59	1.65	1.68	1.81	1.76	1.68
November	149.16	147.01	147.93	162.24	161.64	161.64	1.20	1.31	1.22	1.43	1.11	1.11	1.20	1.31	1.22	1.43	1.11	1.11
December	121.48	132.35	118.98	123.42	130.58	130.58	1.05	1.09	1.18	1.21	1.18	1.21	1.05	1.09	1.18	1.21	1.18	1.21
January	103.64	112.18	101.50	107.21	108.15	108.15	0.86	0.87	0.96	1.10	0.72	0.83	0.86	0.87	0.96	1.10	0.72	0.83
February	89.71	102.31	95.43	91.17	90.89	90.89	0.87	0.87	0.85	0.97	0.97	1.03	0.87	0.87	0.85	0.97	0.97	1.03
March	127.17	116.33	113.43	109.87	112.86	112.86	1.05	1.22	1.10	1.07	0.75	0.82	1.05	1.22	1.10	1.07	0.75	0.82
Total	4,240.26	4,726.24	4,372.37	4,570.64	3,968.69	3,968.69	28.00	31.93	29.85	31.87	26.47	0.66	28.00	31.93	29.85	31.87	26.47	0.66

Year/Period	Design energy	Normative Aux Cons. @ 1.2%	Free Power @ 12%	Saleable energy	Aux consumption (of design energy)		Secondary energy due to lesser aux cons. 40% of gain in Aux Cons. @ Rs. 0.90 / kWh to be passed to Beneficiaries
					with actual rate	on the basis of actual Aux consumption (net of free power@12%)	
2014-15	237.61	2.85	28.17	206.59	1.68	1.61	0.59
April	577.81	6.93	68.51	502.37	3.54	3.68	1.19
May	614.28	7.37	72.83	540.88	4.44	4.37	1.35
June	706.80	8.48	83.80	614.52	4.94	4.78	1.29
July	706.80	8.48	83.80	614.52	4.40	4.61	1.25
August	706.80	8.48	83.80	614.52	4.40	4.61	1.25
September	479.07	5.75	56.80	416.52	3.07	3.00	0.79
October	131.58	1.58	15.60	114.40	1.06	1.01	0.36
November	157.63	1.89	18.69	137.05	1.36	1.30	0.17
December	126.80	1.52	15.03	110.24	1.05	1.27	0.06
January	126.80	1.52	15.03	110.24	1.19	1.30	0.06
February	103.95	1.25	12.32	90.38	1.01	1.07	0.04
March	138.26	1.66	16.39	120.21	1.14	1.45	0.08
Total	4,130.97	49.57	489.77	3,591.63	27.51	28.27	7.28

Year/Period	Total gain accrued	40% gain for beneficiary	Discoms' share (Rs. Million)															
			UP 200 MW	Har 200 MW	Raj 104 MW	Har 176 MW	Pun 200 Mw	Total	100.0000%	22.727%	20.000%	22.727%	100.0000%					
2014-15 #	18.13	7.25	1.42	1.59	0.12	-	-	-	-	-	-	-	-	-	-	-	-	-
2015-16	19.64	7.86	1.79	1.93	0.93	-	-	-	-	-	-	-	-	-	-	-	-	-
2016-17	17.92	7.17	1.63	1.79	0.85	-	-	-	-	-	-	-	-	-	-	-	-	-
Apr'17-Dec'17	17.76	7.10	1.61	1.61	0.84	-	-	-	-	-	-	-	-	-	-	-	-	-
Jan'18-Mar'18	0.44	0.17	0.04	0.04	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-
2017-18	18.20	7.28	1.65	1.65	0.86	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	73.89	29.56	6.49	6.66	2.76	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
2018-19 *	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Rs.	64,86,130	27,60,154	34,899	34,899	1,59,42,453	-	-	-	-	-	-	-	-	-	-	-	-	-
Power supply started from																		

Conditions as per second proviso to Regulation 8 (6) of CEREC (Terms & Condition of Tariff) Regulations, 2014

i. Saleable schedule generation is more than saleable design energy on the basis of normative aux. consumption, and

ii. Saleable schedule generation is less than saleable design energy on the basis of actual aux. consumption

iii. Saleable schedule generation is more than saleable design energy on the basis of actual aux. consumption



# For the year 2014-15, pro-rata gain on auxiliary consumption is passed on to the beneficiaries based on the power supply period.

\* For FY 2018-19, saleable scheduled generation is less than saleable design energy, therefore sharing of gain on account of Auxiliary consumption, is NIL.

Annexure T12  
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Original

JSW Hydro Energy Limited  
(Formerly Himachal Baspa Power Company Ltd)

Sholitu Colony,

PO Tapri, Dist. Kinnaur

Himachal Pradesh - 172104

Phone: 9816507000 , 9805002039

Fax No. : 01786-261258

CIN: U40101HP2014PLC000681

PAN: AADCH3821L

GSTIN : OZAADCH3821L1ZU

### Credit Note

<b>To:</b>		<b>Debit Note no.</b>		<b>JSWHEL/AUX/FY 2018-19/005</b>	
PTC India Limited		Date		04/01/2019	
2nd Floor, NBCC Tower		Customer Ref.		HPPC	
15 Bhikaji Cama Place		Source		Karcham Wangtoo HEP	
New Delhi - 110 066		PPA/LOI ref.		Power Purchase Agreement dated 21.03.2006 entered into between PTC & JPVL read with Settlement Agreement dated 05.08.2013 and CERC (Terms and Conditions of Tariff) Regulations, 2014	
PAN: AABCP7947F					
GSTIN: 07AABCP7947F1Z8					
		Particulars		Amount (In Rupees)	
1		Sharing of gain on account of auxiliary power consumption ((Regulation of 8(6) of CERC tariff regulation,2014))		34,899	
Total Invoice Amount				34,899	
Amount (in Words)		Thirty Four Thousand Eight Hundred Ninty Nine Only			
<b>Payment Account Details:</b>					
Company Name:		JSW Hydro Energy Limited		Bank Name: State Bank of India	
Branch:		CAG Branch, Neville House, Bellard Estate, Mumbai			
Account Number:		35276747811		IFSC Code: SBIN0009995	

For JSW Hydro Energy Limited

Authorized Signatory

Enclosure: Working sheet attached for auxiliary consumption gain for the years 2014-15 to 2017-18

(There is a cumulative YTD loss upto Oct'18 towards Auxiliary consumption for the FY 2018-19)



JINDAL Part of O.P. Jindal Group

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Mumbai - 400 051  
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Original

JSW Hydro Energy Limited  
(Formerly Himachal Baspa Power Company Ltd)  
Shoitsu Colony,  
PO Tapri, Dist. Kinnaur  
Himachal Pradesh - 172104  
Phone: 9816507000 , 9805002039  
Fax No. : 01786-261258  
CIN: U40101HP2014PLC000681  
PAN: AADCH3821L  
GSTIN : 02AADCH3821L1ZU

## Credit Note

To:		Debit Note no.		JSWHEL/AUX/FY 2018-19/004	
PTC India Limited 2nd Floor, NBCC Tower 15 Bhikaji Cama Place New Delhi - 110 066 Fax: 91 11 41659142 PAN: AABCP7947F GSTIN: 07AABCP7947F1Z8		Date		04/01/2019	
		Customer Ref.		RDPPC	
		Source		Karcham Wangtoo HEP	
		PPA/LOI ref.		Power Purchase Agreement dated 21.03.2006 entered into between PTC & JPVL read with Settlement Agreement dated 05.08.2013 and CERC (Terms and Conditions of Tariff) Regulations, 2014	
Sl. No.	Particulars			Amount (In Rupees)	
1	Sharing of gain on account of auxiliary power consumption ((Regulation of 8(6) of CERC tariff regulation,2014))			34,92,959	
Total Invoice Amount				34,92,959	
Amount (in Words)	Thirty Four Lakh Ninety Two Thousand Nine Hundred Fifty Nine Only				
Payment Account Details:					
Company Name:	JSW Hydro Energy Limited	Bank Name:	State Bank of India		
Branch:	CAG Branch, Neville House, Bellard Estate, Mumbai				
Account Number:	35276747811	IFSC Code:	SBIN0009995		

For JSW Hydro Energy Limited

Authorized Signatory \*

Enclosure: Working sheet attached for auxiliary consumption gain for the years 2014-15 to 2017-18

(There is a cumulative YTD loss upto Oct'18 towards Auxiliary consumption for the FY 2018-19)



JINDAL Part of O.P. Jindal Group

01-01-2019



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PO Tapri, Dist. Kinnaur  
Himachal Pradesh - 172104  
Phone: 9816507000, 9805002039  
Fax No. : 01786-261258  
CIN: U40101HP2014PLC000681  
PAN: AADCH3821L  
GSTIN : 02AADCH3821L1ZU

## Credit Note

To:		Debit Note no.		JSWHEL/AUX/FY 2018-19/003	
PTC India Limited 2nd Floor, NBCC Tower 15 Bhikaji Cama Place New Delhi - 110 066 Fax: 91 11 41659142 PAN: AABCP7947F GSTIN: 07AABCP7947F1Z8		Date		04/01/2019	
		Customer Ref.		UPPCL	
		Source		Karcham Wangtoo HEP	
		PPA/LOI ref.		Power Purchase Agreement dated 21.03.2006 entered into between PTC & JPVL read with Settlement Agreement dated 05.08.2013 and CERC (Terms and Conditions of Tariff) Regulations, 2014	
Sl. No.	Particulars	Amount (In Rupees)			
1	Sharing of gain on account of auxiliary power consumption (Regulation of 8(6) of CERC (tariff regulation,2014))	67,17,230			
Total Invoice Amount		67,17,230			
Amount (in Words)		Sixty Seven Lakh Seventeen Thousand Two Hundred Thirty Only			
Payment Account Details:					
Company Name:		JSW Hydro Energy Limited	Bank Name:		State Bank of India
Branch:		CAG Branch, Neville House, Bellard Estate, Mumbai	IFSC Code:		SBIN0009995
Account Number:		35276747811			

PTC India Limited New Delhi  
FIELD VED

04/01/2019

For JSW Hydro Energy Limited

Authorized Signatory

Enclosure:

Working sheet attached for auxiliary consumption gain for the years 2014-15 to 2017-18

(There is a cumulative YTD loss upto Oct'18 towards Auxiliary consumption for the FY 2018-19)



JINDAL Part of O.P. Jindal Group



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Original

JSW Hydro Energy Limited  
 (Formerly Himachal Baspa Power Company Ltd)  
 Sholtu Colony,  
 PO Tapri, Dist. Kinnaur  
 Himachal Pradesh - 172104  
 Phone: 9816507000 , 9805002039  
 Fax No. : 01786-261258  
 CIN: U40101HP2014PLC000681  
 PAN: AADCH3821L  
 GSTIN : 02AADCH3821L1ZU

## Credit Note

To:		Debit Note no.		JSWHEL/AUX/FY 2018-19/002	
PTC India Limited		Date		04/01/2019	
2nd Floor, NBCC Tower		Customer Ref.		HPPC	
15 Bhikaji Cama Place		Source		Karcham Wangtoo HEP	
New Delhi - 110 066		PPA/LOI ref.		Power Purchase Agreement dated 21.03.2006 entered into between PTC & JPVL read with Settlement Agreement dated 05.08.2013 and CERC (Terms and Conditions of Tariff) Regulations, 2014	
Fax: 91 11 41659142					
PAN: AABCP7947F					
GSTIN: 07AABCP7947F1Z8					
SI. No.	Particulars	Amount (In Rupees)			
1	Sharing of gain on account of auxiliary power consumption (Regulation of 8(6) of CERC tariff regulation,2014))	67,17,230			
Total Invoice Amount		67,17,230			
Amount (in Words)	Sixty Seven Lakh Seventeen Thousand Two Hundred Thirty Only				
Payment Account Details:					
Company Name:	JSW Hydro Energy Limited	Bank Name:	State Bank of India		
Branch:	CAG Branch, Neville House, Bellard Estate, Mumbai	IFSC Code:	SBIN0009995		
Account Number:	35276747811				

For JSW Hydro Energy Limited

Authorized Signatory

Enclosure:

Working sheet attached for auxiliary consumption gain for the FYs 2014-15 to 2017-18

(There is a cumulative YTD loss upto Oct'18 towards Auxiliary consumption for the FY 2018-19)



JINDAL Part of O.P. Jindal Group

Corp Office: JSW Centre  
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 Bandra (East),  
 Mumbai - 400 051  
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 Fax : +91 22 4286 3000



Month	Actual Gross Generation			Actual Aux Consumption			Actual Aux Consumption (% rate)			Saleable scheduled energy (A) (net of free power@12%) on the basis of actual aux. consumption		
	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus	Mus
April	157.38	224.62	157.13	351.84	147.00	1.11	1.11	1.52	1.20	2.37	1.28	0.71
May	414.66	684.47	560.03	679.29	272.14	2.54	4.96	3.51	4.39	1.95	0.61	0.65
June	695.55	752.76	777.93	778.66	664.07	4.24	4.92	4.87	4.24	4.82	0.61	0.64
July	892.25	844.23	791.03	777.05	798.45	5.61	5.72	5.08	4.69	5.23	0.61	0.65
August	815.18	816.06	727.78	742.27	698.65	5.08	5.33	4.63	4.95	4.69	0.62	0.65
September	438.24	499.07	525.60	448.65	545.32	2.80	3.12	3.35	2.89	3.71	0.64	0.64
October	235.81	240.85	255.60	241.80	246.11	1.59	1.65	1.81	1.76	1.71	0.67	0.67
November	149.16	171.01	147.93	162.24	162.11	1.20	1.31	1.22	1.43	1.71	0.80	0.77
December	121.48	132.35	130.58	130.58	130.58	1.05	1.09	1.18	1.21	1.21	0.86	0.83
January	103.64	112.18	101.50	107.21	106.22	0.86	0.86	0.96	1.10	1.07	0.86	0.83
February	89.71	102.31	95.43	91.17	98.00	0.87	1.05	0.85	0.97	1.03	0.88	0.89
March	127.17	116.33	113.43	109.87	109.87	1.05	1.22	1.10	1.07	1.07	0.82	0.97
Total	4,240.26	4,726.24	4,372.37	4,570.64	3,371.74	28.00	31.93	29.85	31.87	22.81	0.66	0.68

Month	Design Gross energy	Normal Aux Cons.	Free Power @ 12%	Normal Saleable	Aux consumption (of design energy) with actual rate		Saleable design energy @ 12%	Secondary energy due to lesser aux cons.	40% of gain in Aux Cons. @ Rs. 0.90 / KWh to be passed to Beneficiaries
					Mus	Mus			
April	237.61	2.85	28.17	206.59	1.68	1.81	1.68	0.59	-28.14
May	577.81	6.93	68.51	502.37	3.54	3.68	3.68	2.80	-95.25
June	614.28	7.37	72.83	534.08	3.75	3.92	3.86	3.20	1.35
July	706.80	8.48	83.80	614.52	4.44	4.54	4.44	3.45	1.18
August	706.80	8.48	83.80	614.52	4.40	4.61	4.40	3.85	1.38
September	479.07	5.75	56.80	416.52	3.07	3.00	3.00	2.49	-1.37
October	150.38	1.80	17.83	130.75	1.01	1.03	1.07	0.76	0.90
November	131.58	1.58	15.60	114.40	1.06	1.09	1.16	0.76	0.40
December	157.63	1.89	18.69	137.05	1.36	1.30	1.56	0.42	0.17
January	126.80	1.52	13.03	110.24	1.05	1.27	1.19	0.43	0.11
February	103.95	1.25	12.32	90.38	1.01	1.07	0.93	0.22	0.06
March	138.26	1.66	16.39	120.21	1.14	1.45	1.34	0.14	0.04
Total	4,130.97	49.57	489.77	3,591.63	27.51	28.27	28.61	29.56	-120.90

Saleable schedule generation is less than saleable design energy on the basis of actual aux. consumption  
 Saleable schedule generation is more than saleable design energy on the basis of normative aux. consumption  
 Saleable schedule generation is more than saleable design energy on the basis of actual aux. consumption

Discoms' share (Rs. Million)	UP 200 MW	Har 200 MW	Har 176 MW	Har 176 MW	Pun 200 MW	Total
22.727%	22.727%	11.818%	20.000%	22.727%	100.000%	
67,17,230	67,17,230	34,92,959	34,899	1,69,62,318		
2018-19						
Total	16,9623					



*[Handwritten signature]*



Name of the Petitioner : JSW Hydro Energy Limited  
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Annexure T 13

(Amount in Rs Lakh)

Calculation of gain / (loss) on interest on normative loan due to refinancing of loans

Sl. No.	Particulars	2014-15	2015-16	2016-17	2017-18	2018-19	Total
1		2	3	4	5	6	7
2	Gross Normative loan - Opening *	4,45,252	4,51,319	4,54,352	4,56,161	4,56,161	
3	Cumulative repayment of Normative Loan upto previous year *	89,690	1,22,858	1,56,362	1,90,045	2,23,796	
4	Net Normative loan - Opening *	3,55,562	3,28,461	2,97,990	2,66,116	2,32,366	
	Repayment during the year *	33,167	33,504	33,683	33,750	33,750	
5	Addition due to additional capitalisation *	6,067	3,033	1,809	-	-	
6	Net Normative loan - Closing *	3,28,461	2,97,990	2,66,116	2,32,366	1,98,616	
7	Average Normative loan *	3,42,011	3,13,225	2,82,053	2,49,241	2,15,491	
11	Weighted average Rate of Interest (as claimed in MYT petition)	12.7845%	12.7805%	12.7757%	12.7704%	12.7643%	
12	Interest on loan (basis old loans)	43,724	40,032	36,034	31,829	27,506	1,79,126
13	Weighted average Rate of Interest (as per re-financed loans) Please refer Form 13 attached to true up petition	12.7845%	11.6540%	10.3349%	9.6383%	9.0256%	
14	Interest on loan (basis re-financed loans)	43,724	36,503	29,150	24,023	19,449	1,52,850
15	Net savings in interest on loan	-	3,529	6,884	7,807	8,057	26,276
16	As per regulation 26(7) of CEREC Tariff Regulations 2014, gain to be shared between:						
	a. Generating company (1/3)	-	1,176	2,295	2,602	2,686	8,759
	b. Beneficiaries (2/3)	-	2,352	4,590	5,204	5,371	17,517

\* As per para 120 of the MYT order dated 30.3.2017 in petition no. 434/GT/2014



PETITIONER