

**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 5

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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INDIAN INCOME TAX RETURN ACKNOWLEDGEMENT

Assessment Year

2019-20

[Where the data of the Return of Income in Form ITR-1 (SAHAJ), ITR-2, ITR-3, ITR-4, ITR-5, ITR-6, ITR-7 filed and verified electronically]

PERSONAL INFORMATION AND THE ACKNOWLEDGEMENT NUMBER		PAN		
Name JSW HYDRO ENERGY LTD		AADCH382IL		
Flat/Door/Block No SHOLTU COLONY		Form Number. ITR-6		
Road/Street/Post Office TAPRI		Area/Locality NICHAR		
Town/City/District KINNAUR		Pin/ZipCode 172104		
Assessing Officer Details (Ward/Circle) DCIT/ACIT CIRCLE, SHIMLA		Status Plc Company Filed u/s 139(5)-Revised		
e-filing Acknowledgement Number 161364751130919				
COMPUTATION OF INCOME AND TAX THEREON				
1	Gross total income	1	2340501956	
2	Total Deductions under Chapter-VI-A	2	1074556974	
3	Total Income	3	1265944980	
3a	Deemed Total Income under AMT/MAT	3a	673722060	
3b	Current Year loss, if any	3b	0	
4	Net tax payable	4	145179019	
5	Interest and Fee Payable	5	0	
6	Total tax, interest and Fee payable	6	145179019	
7	Taxes Paid	a	Advance Tax 7a	
		b	TDS 7b	
		c	TCS 7c	
		d	Self Assessment Tax 7d	
		e	Total Taxes Paid (7a+7b+7c +7d)	
8	Tax Payable (6-7e)	7e	236556096	
9	Refund (7e-6)	8	0	
10	Exempt Income	Agriculture	9	91377080
		Others	10	

Income Tax Return submitted electronically on 13-09-2019 19:50:42 from IP address 203.109.118.130 and verified by**PRASHANT JAIN** having PAN ACNPJ6049F on 13-09-2019 19:50:42 from IP address203.109.118.130 using Digital Signature Certificate (DSC)

30617621432792CN=Verasys CA

DSC details: 2014,2,5,4.51=#13294f666696365204e62e2032312c20326e6420466e6f6f722c20426861766e61204275696c64696e67,STREET=V.S.

DO NOT SEND THIS ACKNOWLEDGEMENT TO CPC, BENGALURU

ITR-6

[For Companies other than companies claiming exemption under section 11]

(Please see rule 12 of the Income-tax Rules, 1962)

Schedule Part-A General(1)

PERSONAL INFORMATION

Name	JSW HYDRO ENERGY LTD		
Corporate Identity Number (CIN) issued by MCA	U40101HP2014PLC000681	Is there any change in the name? If yes, please furnish the old name	HIMACHAL BASPA POWER COMPANY LIMITED
PAN	AADCH3821L	Date of incorporation (DDMMYYYY)	14/03/2014
Address			
Flat/Door/Block No	SHOLTU COLONY	Town/ City/ District	KINNAUR
Name of Premises / Building / Village		Road/Street/Post Office	TAPRI
Area/ Locality	NICHAR	State	HIMACHAL PRADESH
Country	INDIA	PIN Code	172104
Type of company	Domestic Company	If a public company select 6, and if private company select 7 (as defined in section 3 of The Companies Act)	6-Public Company
Office Phone Number with STD code			
Mobic no.1	91 - 9805084407	Mobic no.2	-
Email Address-1	sanjeev.kango@jsw.in	Email Address-2	hirva.shah@jsw.in

Filing Status

Filed u/s or Filed in Response to Notice u/s	139(5)-Revised Return	
If revised/in response to notice for Defective/Modified, then enter Receipt No	160870721130919	Date of filing original return (DD/MM/YYYY)
If filed, in response to a notice u/s 139(9)/142(1)/148/153A/153C or order u/s 119(2)(b) enter date of such notice/order, or if filed u/s 92CD enter date of advance pricing agreement		
Residential Status	RES - Resident	
Whether opting for section 115BA? (Yes/No) (applicable on Domestic Company)	No	
Whether total turnover/ gross receipts in the previous year 2016-17 exceeds 250 crore rupees? (Yes/No) (applicable for Domestic Company)	Yes	
Whether assessee is a resident of a country or specified territory with which India has an agreement referred to in sec 90 (1) or Central Government has adopted any agreement under sec 90A(1)		
In the case of non-resident, is there a permanent establishment (PE) in India		
Whether assessee is required to seek registration under any law for the time being in force relating to companies?		



Whether the financial statements of the company are drawn up in compliance to the Indian Accounting Standards specified in Annexure to the companies (Indian Accounting Standards) Rules, 2015	Yes
Whether assessee is located in an International Financial Services Centre and derives income solely in convertible foreign exchange?	No
Whether the assessee company is under liquidation	No
Whether you are an FII / FPI?	No
If yes, please provide SEBI Regn. No.	
Whether the company is a producer company as defined in Sec.581A of Companies Act, 1956?	No
Other Details	
Whether this return is being filed by a representative assessee? If yes, please furnish following information	No
Name of the representative assessee	
Capacity of representative	
Address of the representative assessee	
Permanent Account Number (PAN) of the representative assessee	
Whether you are recognized as start up by DPIIT	No
If yes, please provide start up recognition number allotted by the DPIIT	
Whether certificate from inter-ministerial board for certification is received?	
If yes provide the certification number	
Whether declaration in Form-2 in accordance with para 5 of DPIIT notification dated 19/02/2019 has been filed before filing of the return?	
If yes, provide date of filing Form-2	
AUDIT DETAILS	
(a) Whether liable to maintain accounts as per section 44AA?	No
(b) Whether liable for audit under section 44AB?	Yes
(c) If (b) is Yes, whether the accounts have been audited by an accountant? If Yes, furnish the following information	Yes
(i) Date of furnishing of the audit report (DD/MM/YYYY)	03/09/2019
(ii) Name of the auditor signing the tax audit report	VIPUL K CHOKSI
(iii) Membership no. of the auditor	037606
(iv) Name of the auditor (proprietorship/ firm)	SHAH GUPTA AND COMPANY
(v) Proprietorship/firm registration number	0109574W
(vi) Permanent Account Number (PAN) of the auditor (proprietorship/ firm)	AAAFS702F
(vii) Date of furnishing audit report	03/09/2019
(d.i) Are you liable for Audit u/s 92E?	Yes
Date of furnishing audit report (DD/MM/YYYY)	06/09/2019



(d.ii)	If liable to furnish other audit report under the Income-tax Act, mention the date of furnishing of the audit report? (DD/MM/YYYY) (Please see Instruction 6(ii))	
	Sl.No	Section Code
	1	80-IA
		Date (DD/MM/YYYY)
		13/09/2019
(e)	Mention the Act, section and date of furnishing the audit report under any Act other than the Income-tax Act	
	Sl.No	Act
		Description
		Section Code
		Date (DD/MM/YYYY)
Schedule PART A - GENERAL (2)		
HOLDING STATUS		
(a)	Nature of company (write 1 if holding company, write 2 if a subsidiary company, write 3 if both, write 4 if any other)	
(b)	If subsidiary company, mention the details of the Holding Company	
Sl.No.	PAN	Name of Holding Company
		Address of Holding Company
		City
		State
		Country
		Pin code/ Zip code
		Percentage of Shares held
1	AAACJ8109N	JSW ENERGY LIMITED
		JSW CENTRE, BANDRA KUR LA COMPLEX, BANDRA (E)
		MUMBAI
		MAHARAS HTRA
		INDIA
		400051
		100
(c)	If holding company, mention the details of the subsidiary companies.	
Sl.No.	PAN	Name of Subsidiary Company
		Address of Subsidiary Company
		City
		State
		Country
		Pin code/ Zip code
		Percentage of Shares held
BUSINESS ORGANISATION		
Sl.No.	Business Type	PAN
		Company Name
		Address
		City
		State
		Country
		Pin code/ Zip code
		Date of event
KEY PERSONS		
Particulars of Managing Director, Directors, Secretary and Principal officer(s) who have held the office during the previous year.		
Sl.No.	Name	Designation
		PAN
		Residential Address
		City
		State
		Country
		Pin code/ Zip code
		Director Identification Number (DIN) issued by MCA, in case of Director
1	Prashant Jain	Director
		ACNP16049F
		201, Saarni C HS,33K,M, Munsi Marg, Chow Patty
		Mumbai
		MAHARAS HTRA
		INDIA
		400007
		01281621



2	Girish Deshpande	Director	ACQPD9870P	1803, Solitair re Hiranand ani Gardens , Powai	Mumbai	MAHARAS HTRA	INDIA	400076	02756000
3	Sheila Sangwan	Director	ABDPS3200Q	Flat -22, Da kshineshwa r, 10 Hailey Road	New Delhi	DELHI	INDIA	110001	01857875
4	Raksh Nath	Director	AAAAPN0619A	C -446, C BI ock, Defence Colony,	New Delhi	DELHI	INDIA	110024	00045986
5	Nirmal Kumar Jain	Director	ADPPJ9711M	302, Suman, Playground Road, Vile Parle (East), Mumbai	Mumbai	MAHARAS HTRA	INDIA	400057	00019442
6	Jyoti Kumar Agarwal	Director	ADKPA8134G	Flat No-270 3, 27th Flr, Bldg No-B2, Godrej Plati num, Pirojsh anagar, Vikh roli (East), N r Godrej Me morial Hosp, Mumbai	Mumbai	MAHARAS HTRA	INDIA	400079	01911652
7	Gyam Bhadra Kumar	Director	ACTPK8542J	Flat no - 604 , Ujja Vihar Sector - 45, NHPC Colo ny Faridabad	Faridabad	HARYANA	INDIA	121010	03620109
8	Shailaja Chandra	Director	AACPC1826A	F-6/3 Vasan t Vihar New Delhi	New Delhi	DELHI	INDIA	110057	03320688
9	Chandan Bhattachar ya	Director	ADZPB9238K	Flat NO. 72, Sunflower A partment, Ra vi Kiran CH	Mumbai	MAHARAS HTRA	INDIA	400005	01341570



10	Seema Jajodia	Director	ACIP16249H	S. GD Somani Marg, Cuff Parade Mumbai	New Delhi	DELHI	INDIA	110021	00172353
11	Sharad Mahendra	Director	ABFPM1905J	Jasmine, Flat No. 1201, Regency Garden, Plot no.10 Sector No.6, Near Utsav Chowk, Kharghar Raigarh	Raigarh	MAHARASHTRA	INDIA	410210	02100401
12	Sanjeev Kango	Chief Financial Officer	BIZPK2234C	287, Bazuri, Plot No. 4, Mithida CHS, 728 Babrekar Marg, Dadar West	Hamirpur	HIMACHAL PRADESH	INDIA	177001	
13	Vrushali Kamik	Secretary	BEPPK6832L	Plot No. 4, Mithida CHS, 728 Babrekar Marg, Dadar West	Mumbai	MAHARASHTRA	INDIA	400028	

SHAREHOLDERS INFORMATION

Particulars of persons who were beneficial owners of shares holding not less than 10% of the voting power at any time of the previous year.

Sl.No.	Name	PAN	Address	City	State	Country	Pin code/ Zip code	Percentage of shares held
1	JSW ENERGY LIMITED	AAACJ8109N	JSW Centre, Bandra Kurla Complex, Bandra (E)	Mumbai	MAHARASHTRA	INDIA	400051	100

OWNERSHIP INFORMATION

In case of unlisted company, particulars of natural persons who were the ultimate beneficial owners, directly or indirectly, of shares holding not less than 10% of the voting power at any time of the previous year

Sl.No.	Name	PAN	Address	City	State	Country	Pin code/ Zip code	Percentage of shares held
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In case of Foreign Company , please furnish the details of Immediate Parent Company									
Sl.No.	Name	PAN	Address	City	State	Country of Residence	Pin code/ Zip code	Taxpayer's registration number or any unique identification number allotted in the country of residence	
In case of Foreign Company , please furnish the details of Ultimate Parent Company									
Sl.No.	Name	PAN	Address	City	State	Country of Residence	Pin code/ Zip code	Taxpayer's registration number or any unique identification number allotted in the country of residence	
NATURE OF COMPANY AND ITS BUSINESS									
Nature of company									
1	Whether a public sector company as defined in section 2(36A) of the Income-tax Act							No	
2	Whether a company owned by the Reserve Bank of India							No	
3	Whether a company in which not less than forty percent of the shares are held (whether singly or taken together) by the Government or the Reserve Bank of India or a corporation owned by that Bank							No	
4	Whether a banking company as defined in clause (c) of section 5 of the Banking Regulation Act, 1949							No	
5	Whether a scheduled Bank being a bank included in the Second Schedule to the Reserve Bank of India Act							No	
6	Whether a company registered with Insurance Regulatory and Development Authority (established under sub-section (1) of section 3 of the Insurance Regulatory and Development Authority Act, 1999)							No	
7	Whether a company being a non-banking Financial Institution							No	
8	Whether the Company is Unlisted? If yes, please ensure to fill up the Schedule SH-1 and Schedule AL-1							Yes	
Schedule - Nature of business									
Nature of business/profession, if more than one business or profession indicate the three main activities/ products (Other than those declaring income under section 44AE)									
Sl.No.	Code-Sub Sector	Tradename							
1	05001.-Production, collection and distribution of electricity								
Schedule PART A-BS Balance sheet as on 31st day of March, 2019 or as on the Date of Amalgamation									
I. Equity and Liabilities									
1. Shareholder's fund									
A.	Share capital								
	i	Authorised	Ai						0
	ii	Issued, Subscribed and fully Paid up	Aii						0
	iii	Subscribed but not fully paid	Aiii						0
	iv	Total (Aii + Aiii)	Aiv						0
B.	Reserves and Surplus								



i	Capital Reserve	Bi	0
ii	Capital Redemption Reserve	Bii	0
iii	Securities Premium Reserve	Biii	0
iv	Debtenture Redemption Reserve	Biv	0
v	Revaluation Reserve	Bv	0
vi	Share options outstanding amount	Biv	0
vii	Other reserve (specify nature and amount)		
SI No.	Nature	Amount	
Total		Bvii	0
viii	Surplus i.e. Balance in profit and loss account (Debit balance to be shown as - ve figure)	Bviii	0
ix	Total (Bi + Bii + Biii + Biv + Bv + Bvii + Bviii) (Debit balance to be shown as - ve figure)	Bix	0
C	Money received against share warrants	1C	0
D	Total Shareholder's fund (Aiv + Bix + 1C)	1D	0
2.	Share application money pending allotment		
i	Pending for less than one year	i	0
ii	Pending for more than one year	ii	0
iii	Total (i + ii)	2	0
3.	Non-current liabilities		
A	Long-term borrowings		
i	Bonds/ debentures		
	a. Foreign currency	ia	0
	b. Rupee	ib	0
	c. Total (ia + ib)	ic	0
ii	Term loans		
	a. Foreign currency	iiia	0
	b. Rupee loans		
	1. From Banks	bi	0
	2. From others	b2	0
	3. Total (b1 + b2)	b3	0
	c. Total Term loans (iia + b3)	iiic	0
iii	Deferred payment liabilities		
iv	Deposits from related parties (see instructions)		
v	Other deposits		
vi	Loans and advances from related parties (see instructions)		
vii	Other loans and advances		



	viii	Long term maturities of finance lease obligations	viii	0
	ix	Total Long term borrowings (ic + iic + iii + iv + v + vi + vii + viii)	3A	0
B.		Deferred tax liabilities (net)	3B	0
C		Other long-term liabilities		
	i	Trade payables	i	0
	ii	Others	ii	0
	iii	Total Other long-term liabilities (i + ii)	3C	0
D		Long-term provisions		
	i	Provision for employee benefits	i	0
	ii	Others	ii	0
	iii	Total (i + ii)	3D	0
E.		Total Non-current liabilities (3A + 3B + 3C + 3D)	3E	0
4. Current liabilities				
A		Short-term borrowings		
	i	Loans repayable on demand		
		a. From Banks	ia	0
		b. From Non-Banking Finance Companies	ib	0
		c. From other financial institutions	ic	0
		d. From others	id	0
		e. Total Loans repayable on demand (ia + ib + ic + id)	ie	0
	ii	Deposits from related parties (see instructions)	ii	0
	iii	Loans and advances from related parties (see instructions)	iii	0
	iv	Other loans and advances	iv	0
	v	Other deposits	v	0
	vi	Total Short-term borrowings (ie + ii + iii + iv + v)	4A	0
B.		Trade payables		
	i	Outstanding for more than 1 year	i	0
	ii	Others	ii	0
	iii	Total Trade payables (i + ii)	4B	0
C.		Other current liabilities		
	i	Current maturities of long-term debt	i	0
	ii	Current maturities of finance lease obligations	ii	0
	iii	Interest accrued but not due on borrowings	iii	0
	iv	Interest accrued and due on borrowings	iv	0
	v	Income received in advance	v	0
	vi	Unpaid dividends	vi	0



vii	Application money received for allotment of securities and due for refund and interest accrued	vii	0
viii	Unpaid matured deposits and interest accrued thereon	viii	0
ix	Unpaid matured debentures and interest accrued thereon	ix	0
x	Other payables	x	0
xi	Total Other current liabilities (i + ii + iii + iv + v + vi + vii + viii + ix + x)	4C	0
D. Short-term provisions			
i	Provision for employee benefit	i	0
ii	Provision for Income-tax	ii	0
iii	Proposed Dividend	iii	0
iv	Tax on dividend	iv	0
v	Other	v	0
vi	Total Short-term provisions (i + ii + iii + iv + v)	4D	0
E Total Current liabilities (4A + 4B + 4C + 4D)			
Total Equity and liabilities (1D + 2 + 3E + 4E)			I
II. ASSETS			
I. Non-current assets			
A. Fixed assets			
Tangible assets			
a. Gross block		ia	0
b. Depreciation		ib	0
c. Impairment losses		ic	0
d. Net block (ia - ib - ic)		id	0
Intangible assets			
a. Gross block		iiia	0
b. Amortization		iiib	0
c. Impairment losses		iiic	0
d. Net block (iiia - iiib - iiic)		iiid	0
Capital work-in-progress			
Intangible assets under development		iiiii	0
Total Fixed assets (id + iiid + iii + iv)		Av	0
B Non-current investments			
Investment in property		i	0
Investments in Equity instruments			
a. Listed equities		iiia	0
b. Unlisted equities		iiib	0
c. Total (iiia + iiib)		iiic	0

iii	Investments in Preference shares	iii	0
iv	Investments in Government or trust securities	iv	0
v	Investments in Debenture or bonds	v	0
vi	Investments in Mutual funds	vi	0
vii	Investments in Partnership firms	vii	0
viii	Others Investments	viii	0
ix	Total Non-current investments (i + iic + iii + iv + v + vi + vii + viii)	Bix	0
C	Deferred tax assets (Net)	C	0
D	Long-term loans and advances		
i	Capital advances	i	0
ii	Security deposits	ii	0
iii	Loans and advances to related parties (see instructions)	iii	0
iv	Other Loans and advances	iv	0
v	Total Long-term loans and advances (i + ii + iii + iv)	Dv	0
vi	Long-term loans and advances included in Dv which is		
	a. for the purpose of business or profession	via	0
	b. not for the purpose of business or profession	vib	0
	c. given to shareholder, being the beneficial owner of share, or to any concern or on behalf/ benefit of such shareholder as per section 2(22)(e) of I.T. Act	vic	0
E	Other non-current assets		
i	Long-term trade receivables		
	a. Secured, considered good	ia	0
	b. Unsecured, considered good	ib	0
	c. Doubtful	ic	0
	d. Total Other non-current assets (ia + ib + ic)	id	0
ii	Others	ii	0
iii	Total (id + ii)	Eiii	0
iv	Non-current assets included in Eiii which is due from shareholder, being the beneficial owner of share, or from any concern or on behalf/ benefit of such shareholder as per section 2(22)(e) of I.T. Act	iv	0
F	Total Non-current assets (Av + Bix + C + Dv + Eiii)	IF	0
2. Current assets			
A.	Current investments		
i	Investment in Equity instruments		
	a. Listed equities	ia	0
	b. Unlisted equities	ib	0



	c. Total (ia + ib)	ic	0
ii	Investment in Preference shares	ii	0
iii	Investment in government or trust securities	iii	0
iv	Investment in debentures or bonds	iv	0
v	Investment in Mutual funds	v	0
vi	Investment in partnership firms	vi	0
vii	Other investment	vii	0
viii	Total Current investments (ic + ii + iii + iv + v + vi + vii)	Aviii	0
B	Inventories		
i	Raw materials	i	0
ii	Work-in-progress	ii	0
iii	Finished goods	iii	0
iv	Stock-in-trade (in respect of goods acquired for trading)	iv	0
v	Stores and spares	v	0
vi	Loose tools	vi	0
vii	Others	vii	0
viii	Total Inventories (i + ii + iii + iv + v + vi + vii)	Bviii	0
C	Trade receivables		
i	Outstanding for more than 6 months	i	0
ii	Others	ii	0
iii	Total Trade receivables (i + ii)	Ciii	0
D	Cash and cash equivalents		
i	Balances with Banks	i	0
ii	Cheques, drafts in hand	ii	0
iii	Cash in hand	iii	0
iv	Others	iv	0
v	Total Cash and cash equivalents (i + ii + iii + iv)	Dv	0
E	Short-term loans and advances		
i	Loans and advances to related parties (see instructions)	i	0
ii	Others	ii	0
iii	Total Short-term loans and advances (i + ii)	Eiii	0
iv	Short-term loans and advances included in Eiii which is		
	a. for the purpose of business or profession	iva	0
	b. not for the purpose of business or profession	ivb	0
	c. given to a shareholder, being the beneficial owner of share, or to any concern or on behalf/ benefit of such shareholder as per section 2(22)(e) of I.T. Act	ivc	0

F	Other current assets	F	0
G	Total Current assets (Aviii + Bviii + Ciii + Dv + Eiii + F)	2G	0
	Total Assets (1F + 2G)	II	0

Schedule Part A-BS -- Ind AS

Balance Sheet as on 31st day of March, 2019 or as on the date of business combination [applicable for a company whose financial statements are drawn up in compliance to the Indian Accounting Standards specified in Annexure to the companies (Indian Accounting Standards) Rules, 2015] (fill items below in a case where regular books of accounts are maintained, otherwise fill item III)

I		Equity and Liabilities			
1		Equity			
A		Equity share capital			
	i	Authorised	Ai	12500500000	
	ii	Issued, Subscribed and fully paid up	Aii	12500500000	
	iii	Subscribed but not fully paid	Aiii	0	
	iv	Total (Aii + Aiii)	Aiv	12500500000	
	B	Other Equity			
	i	Other Reserves			
	a	Capital Redemption Reserve	ia	0	
	b	Debenture Redemption Reserve	ib	384500000	
	c	Share Options Outstanding account	ic	0	
	d	Other (specify nature and amount)			
		Sl. No.	Nature	Amount	
				id	0
	e	Total other reserves (ia + ib + ic + id)		ie	384500000
	ii	Retained earnings (Debit balance of statement of P & L to be shown as -ve figure)		ii	4626997962
	iii	Total (Bie + ii) (Debit balance to be shown as -ve figure)		Biit	5011497962
	C	Total Equity (Aiv + Biit)		IC	17511997962
2	Liabilities				
	A	Non-current liabilities			
	I	Financial Liabilities			
		Borrowings			
	a	Bonds or debentures			
		1	Foreign currency	a1	0
		2	Rupee	a2	3845000000
		3	Total (1 + 2)	a3	3845000000
	b	Term loans			
		1	Foreign currency	b1	0

	2	Rupee loans																							
		i	From Banks	i			54252743567																		
		ii	From other parties	ii			0																		
		iii	Total (i + ii)	b2			54252743567																		
	3	Total Term loans (b1 + b2)			b3		54252743567																		
	c	Deferred payment liabilities			c		0																		
	d	Deposits			d		80000																		
	e	Loans from related parties (see instructions)			e		0																		
	f	Long term maturities of finance lease obligations			f		0																		
	g	Liability component of compound financial instruments			g		0																		
	h	Other loans			h		0																		
	i	Total borrowings (a3 + b3 + c + d + e + f + g + h)			i		58097823567																		
	j	Trade Payables			j		0																		
	k	Other financial liabilities (Other than those specified in II under provisions)			k		0																		
	II			Provisions																					
	a	Provision for employee benefits			a		32286003																		
	b			Others (specify nature)																					
		Sl. No	Nature		Amount																				
		Total		b		0																			
	c	Total Provisions			IIc		32286003																		
	III			Deferred tax liabilities (net)																					
	a	Advances			a		0																		
	b		Other (specify nature and amount)																						
		Sl. No	Nature		Amount																				
		Total		b		0																			
	c	Total Other non-current liabilities			IVc		0																		
	Total Non-Current Liabilities (Ii + Ij + Ikc + III + IVc)			2A			58130109570																		
	B			Current liabilities																					
	I			Financial Liabilities																					
	i			Borrowings																					
	a	Loans repayable on demand																							
		1	From Banks	1		0																			
		2	From Other parties	2		0																			
		3	Total Loans repayable on demand (1 + 2)	3		0																			
	b	Loans from related parties			b		0																		



		c		Deposits		c		0	
		d		Other loans (specify nature)		c		0	
				Sl. No		Nature		Amount	
		Total						d	
				Total Borrowings (a3 + b + c + d)				0	
				Trade payables				ii	
				Other financial liabilities				iii	
				a		a		2510568122	
				b		b		0	
				c		c		257218797	
				d		d		0	
				e		e		0	
				f		f		0	
				g		g		0	
				h		Other (specify nature and amount)			
				Sl. No		Nature		Amount	
				I		Misc		3465375899	
				Total				h	
				i		Total Other financial liabilities (a + b + c + d + e + f + g + h)		3465375899	
				iv		Total Financial Liabilities (ii + iii + iv)		6233162818	
				II		Other Current liabilities		6735574770	
				a		a		0	
				b		Other advances(specify nature and amount)			
						Sl. No		Nature	
						I		Misc	
								6173318	
						Total		B	
								6173318	
				c		Others (specify nature)			
						Sl. No		Nature	
						I		Statutory Dues	
								71958068	
						Total		c	
						Total Other current liabilities (a + b+ c)		71958068	
								IId	
								78131386	



	III	Provisions					
		a	Provision for employee benefits		a	13601889	
		b	Others (specify nature)				
		Sl. No	Nature	Amount			
		Total			b	0	
		c	Total provisions (a + b)		IIIc	13601889	
	IV	ProCurrent Tax Liabilities (Net)visions				IV	0
		Total Current liabilities (Iiv + IIId + IIIc+ IV)				2B	6827308045
		Total Equity and liabilities (1C + 2A +2B)				I	82469415577
	II	ASSETS					
	I	Non-current assets					
	A	Property, Plant and Equipment					
		a	Gross block	a	76391135353		
		b	Depreciation	b	9240174716		
		c	Impairment losses	c	0		
		d	Net block (a - b - c)	Ad		67150960637	
	B	Capital work-in-progress				B	81592376
	C	Investment Property					
		a	Gross block	a	0		
		b	Depreciation	b	0		
		c	Impairment losses	c	0		
		d	Net block (a - b - c)	Cd		0	
	D	Goodwill					
		a	Gross block	a	0		
		b	Impairment losses	b	0		
		c	Net block (a - b - c)	Dc		0	
	E	Other Intangible Assets					
		a	Gross block	a	9337691189		
		b	Amortisation	b	1194293223		
		c	Impairment losses	c	0		
		d	Net block (a - b - c)	Ed		8143397966	
	F	Intangible assets under development				F	0
	G	Biological assets other than bearer plants					
		a	Gross block	a	0		
		b	Impairment losses	b	0		
		c	Net block (a - b - c)	Gc		0	



H		Financial Assets	
	I	Investments	
	i	Investments in Equity instruments	
	a	Listed equities	ia 0
	b	Unlisted equities	ib 0
	c	Total (ia + ib)	ic 0
	ii	Investments in Preference shares	ii 0
	iii	Investments in Government or trust securities	iii 0
	iv	Investments in Debenture or bonds	iv 0
	v	Investments in Mutual funds	v 0
	vi	Investments in Partnership firms	vi 0
	vii	Others Investments (specify nature)	
		Sl. No	Nature
			Amount
		Total	vii 0
	viii	Total non-current investments (ic + ii + iii + iv + v + vi + vii)	viii 0
	II	Trade Receivables	
	a	Secured, considered good	a 0
	b	Unsecured, considered good	b 0
	c	Doubtful	c 0
	d	Total Trade receivables	III 0
	III	Loans	
	i	Security deposits	i 255223632
	ii	Loans to related parties (see instructions)	ii 0
	iii	Other loans (specify nature)	
		Sl. No	Nature
			Amount
		Total	iii 0
	iv	Total Loans (i + ii + iii)	IIII 255223632
	v	Loans included in HIII above which is-	
	a	for the purpose of business or profession	va 0
	b	not for the purpose of business or profession	vb 0
	c	given to shareholder, being the beneficial owner of share, or to any concern or on behalf/ benefit of such shareholder as per section 2(22)(e) of I.T. Act	vc 0
	IV	Other Financial Assets	

	i	Bank Deposits with more than 12 months maturity	i	0
	iii	Total of Other Financial Assets (i + ii)	HIV	2252199812
I	Deferred Tax Assets (Net)		I	0
J	Other non-current Assets			
	i	Capital Advances	i	0
	ii	Advances other than capital advances	ii	0
	iii	Others (specify nature)		
		Sl. No	Nature	Amount
		1	Income Tax	332347590
		2	Prepayments	4400000
		Total		vii
	iv	Total non-current assets (i + ii + iii)	iv	336747590
	v	Non-current assets included in J above which is due from shareholder, being the beneficial owner of share, or from any concern or on behalf/ benefit of such shareholder as per section 2(22)(e) of I.T. Act	v	0
	Total Non-current assets (Ad + B + Cd + Dc + Ed + F + Gc + Hl + Hll + Hlll + Hllv + J + J)		I	78220122013
2	Current assets			
A	Inventories			
	i	Raw materials	i	0
	ii	Work-in-progress	ii	0
	iii	Finished goods	iii	0
	iv	Stock-in-trade (in respect of goods acquired for trading)	iv	0
	v	Stores and spares	v	109770636
	vi	Loose tools	vi	0
	vii	Others	vii	0
	viii	Total Inventories (i + ii + iii + iv + v + vi + vii)	2A	109770636
B	Financial Assets			
I	Investments			
	i	Investment in Equity instruments		
	a	Investment in Equity instruments	ia	0
	a	Unlisted equities	tb	0
	c	Total (ia + ib)	tc	0
	ii	Investment in Preference shares	ii	0

	iii	Investment in government or trust securities	iii	0
	iv	Investment in debentures or bonds	iv	0
	v	Investment in Mutual funds	v	1070556736
	vi	Investment in partnership firms	vi	0
	vii	Other Investments	vii	0
	viii	Total Current investments (ic + ii + iii + iv + v + vi + vii + viii)	viii	1070556736
II		Trade receivables		
	i	Secured, considered good	i	0
	ii	Unsecured, considered good	ii	1985888864
	iii	Doubtful	iii	0
	iv	Total Trade receivables (i + ii + iii)	II	1985888864
III		Cash and cash equivalents		
	i	Balances with Banks (of the nature of cash and cash equivalents)	i	461150875
	ii	Cheques, drafts in hand	ii	0
	iii	Cash on hand	iii	269464
	iv	Others (specify nature)	iv	
		Sl. No	Amount	
	1	Margin Money	283424703	
		Total	vii	283424703
	v	Total Cash and cash equivalents (i + ii + iii + iv)	III	744845042
IV		Bank Balances other than III above	IV	0
V		Loans		
	i	Security Deposits	i	0
	ii	Loans to related parties (see instructions)	ii	0
	iii	Others(specify nature)		
		Sl. No	Amount	
		Total	vii	0
	iv	Total loans (i + ii + iii)	V	0
	v	Loans and advances included in V above which is-		
	a	for the purpose of business or profession	va	0
	b	not for the purpose of business or profession	vb	0



	c	given to a shareholder, being the beneficial owner of shares, or to any concern or on behalf/ benefit of such shareholder as per section 2(22)(e) of I.T. Act	vc	0
VI	Other Financial Assets			VI
Total Financial Assets (I + II + III + IV + V + VI)				
				3801290642
C	Current Tax Assets (Net)			2B
				0
D	Other current assets			2C
	i	Advances other than capital advances	i	0
	ii	Others(specify nature)		
		Sl. No	Nature	Amount
		I	Misc	338232286
		Total		vii
	iii	Total		338232286
Total Current assets (2A + 2B + 2C + 2D)				
				338232286
Total Assets (1 + 2)				
				4249293564
				82469415577

NO ACCOUNT CASE

III In a case where regular books of account of business or profession are not maintained - (furnish the following information as on 31st day of March, 2019, in respect of business or profession)

a	Amount of total sundry debtors	a	0
b	Amount of total sundry creditors	b	0
c	Amount of total stock-in-trade	c	0
d	Amount of the cash balance	d	0

Schedule Part A-Manufacturing Account- Manufacturing Account for the financial year 2018-19 (fill items**1 to 3 in a case where regular books of accounts are maintained, otherwise fill items 61 to 62 as applicable)**

I	Opening Inventory		
A	(i)	Opening stock of raw-material	A(i)
	(ii)	Opening stock of Work in progress	A(ii)
	(iii)	Total (i + ii)	A(iii)
			0
B	Purchases (net of refunds and duty or tax, if any)		
			B
C	Direct wages		
			C
D	Direct expenses(Di + Dii + Diii)		
			D
	(i)	Carriage inward	(i)
	(ii)	Power and fuel	(ii)
	(iii)	Other direct expenses	(iii)
E	Factory Overheads		
	(i)	Indirect wages	(i)



	(ii)	Factory rent and rates	(ii)	
	(iii)	Factory Insurance	(iii)	
	(iv)	Factory fuel and power	(iv)	
	(v)	Factory general expenses	(v)	
	(vi)	Depreciation of factory machinery	(vi)	0
	(vii)	Total (i+ii+iii+iv+v+vi)	(vii)	0
F	Total of Debits to Manufacturing Account (Aiii+B+C+D+E+vii)		F	0
2	Closing Stock			
	(i)	Raw material	(i)	
	(ii)	Work-in-progress	(ii)	
		Total (2i +2ii)		0
3	Cost of Goods Produced – transferred to Trading Account (1F-2)			0
Schedule Part A- Trading Account for the financial year 2018-19 (fill items 4 to 12				
in a case where regular books of accounts are maintained, otherwise fill items 61 to 62 as applicable)				
4	Revenue from operations			
A	Sales/ Gross receipts of business (net of returns and refunds and duty or tax, if any)			
	(i)	Sale of goods	(i)	0
	(ii)	Sale of services	(ii)	0
	(iii)	Other operating revenues (specify nature and amount)		
		S. No.	Nature of other operating revenue	Amount
		Total		0
	(iv)	Total(i+ii+iiic)	A(iv)	0
B	Gross receipts from Profession		B	0
C	Duties, taxes and cess received or receivable in respect of goods and services sold or supplied			
	(i)	Union Excise duties	Ci	
	(ii)	Service Tax	Cii	
	(iii)	VAT/ Sales tax	Ciii	
	(iv)	Central Goods & Service Tax (CGST)	Civ	0
	(v)	State Goods & Services Tax (SGST)	Cv	0
	(vi)	Integrated Goods & Services Tax (IGST)	Cvi	0
	(vii)	Union Territory Goods & Services Tax (UTGST)	Cvii	0
	(viii)	Any other duty, tax and cess	Cviii	
	(ix)	Total (i + ii + iii + iv +v+ vi+vii+viii)	Cix	0
D	Total Revenue from operations (Aiv + B +Cix)		D	0
5	Closing Stock of Finished Stocks		5	0
6	Total of credits to Trading Account (4D + 5)		6	0
7	Opening Stock of Finished Goods		7	0

8	Purchases (net of refunds and duty or tax, if any)	8	0
9	Direct Expenses(9i + 9ii + 9iii)	9	0
	(i) Carriage inward	9(i)	0
	(ii) Power and fuel	9(ii)	0
	(iii) Other direct expenses	9(iii)	0
	S. No. Nature of direct expenses	Amount	
10	Duties and taxes, paid or payable, in respect of goods and services purchased		
	(i) Custom duty	10i	0
	(ii) Counter veiling duty	10ii	0
	(iii) Special additional duty	10iii	0
	(iv) Union excise duty	10iv	0
	(v) Service Tax	10v	0
	(vi) VAT/ Sales tax	10vi	0
	(vii) Central Goods & Service Tax (CGST)	10vii	0
	(viii) State Goods & Services Tax (SGST)	10viii	0
	(ix) Integrated Goods & Services Tax (IGST)	10ix	0
	(x) Union Territory Goods & Services Tax (UTGST)	10x	0
	(xi) Any other tax, paid or payable	10xi	0
	(xii) Total (10i + 10ii + 10iii + 10iv + 10v + 10vi + 10vii + 10viii + 10ix + 10x + 10xi)	10xii	0
11	Cost of goods produced – Transferred from Manufacturing Account	11	0
12	Gross Profit/Loss from Business/Profession - transferred to Profit and Loss account (6-7-8-9-10xii-11)	12	0
12a	Turnover from Intraday Trading	12a	0
12b	Income from Intraday Trading	12b	0
Schedule Part A-P and L- Profit and Loss Account for financial year 2018-19. (fill items 13 to 60 in a case where regular books of accounts are maintained, otherwise fill items 61 to 62 as applicable)			
CREDITS TO PROFIT AND LOSS ACCOUNT			
13	Gross profit transferred from Trading Account	13	0
14	Other income		
	i. Rent	i	0
	ii. Commission	ii	0
	iii. Dividend income	iii	0
	iv. Interest income	iv	0
	v. Profit on sale of fixed assets	v	0
	vi. Profit on sale of investment being securities chargeable to Securities Transaction Tax (STT)	vi	0
	vii. Profit on sale of other investment	vii	0
	viii. Gain(Loss) on account of foreign exchange fluctuation u/s 43AA	viii	0



ix.	Profit on conversion of inventory into capital asset u/s 28(via) (Fair Market Value of inventory as on the date of conversion)	ix	0
x.	Agriculture income	x	0
xi.	Any other income (specify nature and amount)		
	Sl.No	Nature	Amount
	xic	Total	0
xii.	Total of other income (i + ii + iii + iv + v + vi + vii + viii + ix + x + xic)	14xii	0
15	Total of credits to profit and loss account (13+14xii)	15	0
16	Freight outward	16	0
17	Consumption of stores and spare parts	17	0
18	Power and fuel	18	0
19	Rents	19	0
20	Repairs to building	20	0
21	Repairs to machinery	21	0
22	Compensation to employees		
i.	Salaries and wages	22i	0
ii.	Bonus	22ii	0
iii.	Reimbursement of medical expenses	22iii	0
iv.	Leave encashment	22iv	0
v.	Leave travel benefits	22v	0
vi.	Contribution to approved superannuation fund	22vi	0
vii.	Contribution to recognised provident fund	22vii	0
viii.	Contribution to recognised gratuity fund	22viii	0
ix.	Contribution to any other fund	22ix	0
x.	Any other benefit to employees in respect of which an expenditure has been incurred	22x	0
xi	Total compensation to employees (total of 22i to 22x)	22xi	0
22xii	Whether any compensation, included in 22xi, paid to non-residents	xiiia	
	If Yes, amount paid to non-residents	xiiib	0
23	Insurance		
i.	Medical Insurance	23i	0
ii.	Life Insurance	23ii	0
iii.	Keyman's Insurance	23iii	0
iv.	Other Insurance including factory, office, car, goods,etc.	23iv	0
v.	Total expenditure on insurance (23i+23ii+23iii+23iv)	23v	0
24.	Workmen and staff welfare expenses	24	0
25.	Entertainment	25	0
26.	Hospitality	26	0

27.	Conference	27	0
28.	Sales promotion including publicity (other than advertisement)	28	0
29.	Advertisement	29	0
30	Commission		
	i. Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
	ii. To others	ii	0
	iii. Total (i + ii)	30iii	0
31	Royalty		
	i. Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
	ii. To others	ii	0
	iii. Total (i + ii)	31iii	0
32	Professional / Consultancy fees / Fee for technical services		
	i. Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
	ii. To others	ii	0
	iii. Total (i + ii)	32iii	0
33.	Hotel, boarding and Lodging	33	0
34.	Traveling expenses other than on foreign traveling	34	0
35.	Foreign travelling expenses	35	0
36.	Conveyance expenses	36	0
37.	Telephone expenses	37	0
38.	Guest House expenses	38	0
39.	Club expenses	39	0
40.	Festival celebration expenses	40	0
41.	Scholarship	41	0
42.	Gift	42	0
43.	Donation	43	0
44	Rates and taxes, paid or payable to Government or any local body (excluding taxes on income)		
	i. Union excise duty	44i	0
	ii. Service tax	44ii	0
	iii. VAT/ Sales tax	44iii	0
	iv. Cess	44iv	0
	v. Central Goods and Service Tax (CGST)	44v	0
	vi. State Goods and Services Tax (SGST)	44vi	0
	vii. Integrated Goods and Services Tax (IGST)	44vii	0
	viii. Union Territory Goods and Services Tax (UTGST)	44viii	0
	ix. Any other rate, tax, duty or cess incl. STT and CTT	44ix	0
	x. Total rates and taxes paid or payable (44i + 44ii + 44iii + 44iv + 44v + 44vi + 44vii + 44viii + 44ix)	44x	0



45.	Audit fee																	45		0	
46	Other expenses (specify nature and amount)																				
		Nature																		Amount	
		Total																		0	
47	Bad debts (specify PAN of the person, if available, for whom Bad Debt for amount of Rs. 1 lakh or more is claimed and amount)																				
	i.	PAN																		Amount	
	ii.	Others (more than Rs. 1 lakh) where PAN is not available (provide name and complete address)																			
		Sl. No.	Flat/ Door/ Block No.	Name of Premises / Building / Village	Road/ Street/ Post office	Area/ Locality	Town/ City/ District	State	Country	PIN Code/ ZIP Code	Amount										
	iii.	Others (amounts less than Rs. 1 lakh)																		iii	0
	iv.	Total Bad Debt (47i + 47ii + 47iii)																		39iv	0
48.	Provision for bad and doubtful debts																				
																				48	0
49.	Other provisions																				
																				49	0
50.	Profit before interest, depreciation and taxes [15 - (16 to 21 + 22xi + 23v + 24 to 29 + 30iii + 31iii + 32iii + 33 to 43 + 44x + 45 + 46iii + 47iv + 48 + 49)]																				
																				50	0
51.	Interest																				
	i.	Paid outside India, or paid in India to a non-resident other than a company or a foreign company																		i	0
	ii.	To others																		ii	0
	iii.	Total (i + ii)																		51iii	0
52	Depreciation and amortization.																				
																				52	0
53	Net Profit before taxes (50 - 51iii - 52)																				
																				53	0
PROVISIONS FOR TAX AND APPROPRIATIONS																					
54	Provision for current tax																				
																				54	0
55	Provision for Deferred Tax																				
																				55	0
56	Profit after tax (53 - 54 - 55)																				
																				56	0
57	Balance brought forward from previous year																				
																				57	0
58	Amount available for appropriation (56+57)																				
																				58	0
59.	Appropriations																				
	i.	Transfer to reserves and surplus																		59i	0
	ii.	Proposed dividend/ Interim dividend																		59ii	0
	iii.	Tax on dividend/ Tax on dividend for earlier years																		59iii	0
	iv.	Appropriation towards Corporate Social Responsibility (CSR) activities (in case of companies covered under section 135 of Companies Act, 2013)																		59iv	0
	v.	Any other appropriation																		59v	0
	vi.	Total (59i + 59ii + 59iii + 59iv+59v)																		59vi	0



60	Balance carried to balance sheet (58 – 59vi)		60	0
61	COMPUTATION OF PRESUMPTIVE INCOME FROM GOODS CARRIAGES UNDER SECTION 44AE			
	Sl. No.	Name of the Business	Business Code	Description
	i	Sl.No Registration No. of goods carriage	Whether owned/ leased/hired	Tonnage Capacity of goods carriage(in MT)
				Number of months for which goods carriage was owned / leased / hired by assessee
				Presumptive income u/s 44AE for the goods carriage (Computed @ Rs.1000 per ton per month in case tonnage exceeds 12MT, or else @ Rs.7500 per month) or the amount claimed to have been actually earned, whichever is higher
		Total		0
	ii	Total presumptive income from goods carriage u/s 44AE [total of column (5) of table at Point 6i(i)]		61ii 0
	NO ACCOUNT CASE			
62	In case of Foreign Company whose total income comprises solely of profits and gains from business referred to in section 44B, 44BB, 44BBA or 44BBBB, furnish the following information			
	a.	Gross receipts / Turnover		62a 0
	b.	Net profit		62b 0

Schedule Part A-Manufacturing Account Ind As- Manufacturing Account for the financial year 2018-19

[applicable for a company whose financial statements are drawn up in compliance to the Indian Accounting

Standards specified in Annexure to the companies (Indian Accounting Standards) Rules, 2015] (fill items

1 to 3 in a case where regular books of accounts are maintained, otherwise fill items 63 to 64 as applicable)

1	Opening Inventory				
	A	(i)	Opening stock of raw-material		A(i)
		(ii)	Opening stock of Work in progress		A(ii)
		(iii)	Total (i + ii)		A(iii) 0
	B	Purchases (net of refunds and duty or tax, if any)			B
	C	Direct wages			C
	D	Direct expenses (Di + Dii + Diii)			D 0
		(i)	Carriage inward		(i)
		(ii)	Power and fuel		(ii)
		(iii)	Other direct expenses		(iii)
	E	Factory Overheads			
		(i)	Indirect wages		(i)
		(ii)	Factory rent and rates		(ii)
		(iii)	Factory Insurance		(iii)
		(iv)	Factory fuel and power		(iv)
		(v)	Factory general expenses		(v)



	(vi)	Depreciation of factory machinery	(vi)	0
	(vii)	Total (i+ii+iii+iv+v+vi)	(vii)	0
F		Total of Debits to Manufacturing Account (Aiii+B+C+D+E+vii)	F	0
2	Closing Stock			
	(i)	Raw material	(i)	
	(ii)	Work-in-progress	(ii)	
		Total (2i +2ii)		0
3		Cost of Goods Produced – transferred to Trading Account (1F-2)		0
Schedule Part A- Trading Account Ind As -Trading Account for the financial year 2018-19 [applicable for a company whose financial statements are drawn up in compliance to the Indian Accounting Standards specified in Annexure to the companies (Indian Accounting Standards) Rules, 2015] (fill items 4 to 12 in a case where regular books of accounts are maintained, otherwise fill items 63 to 64 as applicable)				
4	Revenue from operations			
A	Sales/ Gross receipts of business (net of returns and refunds and duty or tax, if any)			
	(i)	Sale of goods	(i)	12178218223
	(ii)	Sale of services	(ii)	0
	(iii)	Other operating revenues (specify nature and amount)		
		S. No.	Nature of other operating revenue	Amount
		1	Service Concession Income	261461711
		Total		261461711
	(iv)	Total(i+ii+iiic)	A(iv)	261461711
B	Gross receipts from Profession		B	0
C	Duties, taxes and cess received or receivable in respect of goods and services sold or supplied			
	(i)	Union Excise duties	Cl	
	(ii)	Service Tax	Cii	
	(iii)	VAT/ Sales tax	Ciii	
	(iv)	Central Goods & Service Tax (CGST)	Civ	0
	(v)	State Goods & Services Tax (SGST)	Cv	0
	(vi)	Integrated Goods & Services Tax (IGST)	Cvi	0
	(vii)	Union Territory Goods & Services Tax (UTGST)	Cvii	0
	(viii)	Any other duty, tax and cess	Cviii	
	(ix)	Total (i + ii + iii + iv +v+ vi+vii+viii)	Cix	0
D	Total Revenue from operations (Aiv + B +Cix)		D	12439679934
5	Closing Stock of Finished Stocks			
			5	0
6	Total of credits to Trading Account (4D + 5)			
			6	12439679934
7	Opening Stock of Finished Goods			
			7	0
8	Purchases (net of refunds and duty or tax, if any)			
			8	0

9	Direct Expenses (9i + 9ii + 9iii)	9	0
	(i) Carriage inward	9(i)	0
	(ii) Power and fuel	9(ii)	0
	(iii) Other direct expenses	9(iii)	0
	S. No.	Nature of direct expenses	Amount
10	Duties and taxes, paid or payable, in respect of goods and services purchased		
	(i) Custom duty	10i	
	(ii) Counter veiling duty	10ii	
	(iii) Special additional duty	10iii	
	(iv) Union excise duty	10iv	
	(v) Service Tax	10v	
	(vi) VAT/ Sales tax	10vi	
	(vii) Central Goods & Service Tax (CGST)	10vii	
	(viii) State Goods & Services Tax (SGST)	10viii	
	(ix) Integrated Goods & Services Tax (IGST)	10ix	
	(x) Union Territory Goods & Services Tax (UTGST)	10x	
	(xi) Any other tax, paid or payable	10xi	
	(xii) Total (10i + 10ii + 10iii + 10iv + 10v + 10vi + 10vii + 10viii + 10ix + 10x + 10xi)	10xii	0
11	Cost of goods produced – Transferred from Manufacturing Account	11	0
12	Gross Profit/Loss from Business/Profession - transferred to Profit and Loss account (6-7-8-9-10xii-11)	12	12439679934
12a	Turnover from Intraday Trading	12a	0
12b	Income from Intraday Trading	12b	0
Schedule A-P & L Profit and Loss Account for the financial year 2018-19 [applicable for a company whose financial statements are drawn up in compliance to the Indian Accounting Standards specified in Annexure to the companies (Indian Accounting Standards) Rules, 2015](fill items 13 to 60 in a case where regular books of accounts are maintained, otherwise fill items 63 to 64 as applicable)			
CREDITS TO PROFIT AND LOSS ACCOUNT			
13	Gross profit transferred from Trading Account	13	12439679934
14	Other income		
	i. Rent	i	0
	ii. Commission	ii	0
	iii. Dividend income	iii	0
	iv. Interest income	iv	156454403
	v. Profit on sale of fixed assets	v	0
	vi. Profit on sale of investment being securities chargeable to Securities Transaction Tax (STT)	vi	0
	vii. Profit on sale of other investment	vii	94523893
	viii. Gain(Loss) on account of foreign exchange fluctuation u/s 43AA	viii	2105



ix.	Profit on conversion of inventory into capital asset u/s 28(via) (Fair Market Value of inventory as on the date of conversion)	ix	0
x.	Agriculture income	x	0
xi.	Any other income (specify nature and amount)		
	Sl.No	Nature	Amount
	1	Scrap Sales	3788791
	2	Sale of Carbon Credits	10215193
	3	Provision written back	44549116
	4	Other Income	8218542
	xic	Total	66771642
xii.	Total of other income (i + ii + iii + iv + v + vi + vii + viii + ix + x + xic)	14xii	317752043
15	Total of credits to profit and loss account (13+14xii)	15	12757431977
16	Freight outward	16	0
17	Consumption of stores and spare parts	17	130228447
18	Power and fuel	18	53022316
19	Rents	19	44734195
20	Repairs to building	20	35861614
21	Repairs to machinery	21	436323759
22	Compensation to employees		
i.	Salaries and wages	22i	391323319
ii.	Bonus	22ii	11646547
iii.	Reimbursement of medical expenses	22iii	5694239
iv.	Leave encashment	22iv	5609480
v.	Leave travel benefits	22v	5436852
vi.	Contribution to approved superannuation fund	22vi	0
vii.	Contribution to recognised provident fund	22vii	17547087
viii.	Contribution to recognised gratuity fund	22viii	0
ix.	Contribution to any other fund	22ix	0
x.	Any other benefit to employees in respect of which an expenditure has been incurred	22x	108050
xi.	Total compensation to employees (total of 22i to 22x)	22xi	437365574
22xii	Whether any compensation, included in 22xi, paid to non-residents	xii	No
	If Yes, amount paid to non-residents	xii	0
23	Insurance		
i.	Medical Insurance	23i	0
ii.	Life Insurance	23ii	0
iii.	Keyman's Insurance	23iii	0
iv.	Other Insurance including factory, office, car, goods, etc.	23iv	193004209



v.	Total expenditure on insurance (23i+23jii+23iii+23iv)	23v	193004209
24.	Workmen and staff welfare expenses	24	24681228
25.	Entertainment	25	0
26.	Hospitality	26	0
27.	Conference	27	0
28.	Sales promotion including publicity (other than advertisement)	28	0
29.	Advertisement	29	2022053
30	Commission		
i.	Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
ii.	To others	ii	0
iii.	Total (i + ii)	30iii	0
31	Royalty		
i.	Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
ii.	To others	ii	912017
iii.	Total (i + ii)	31iii	912017
32	Professional / Consultancy fees / Fee for technical services		
i.	Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
ii.	To others	ii	9120608
iii.	Total (i + ii)	32iii	9120608
33.	Hotel , boarding and Lodging	33	2609454
34.	Traveling expenses other than on foreign traveling	34	4864970
35.	Foreign travelling expenses	35	0
36.	Conveyance expenses	36	0
37.	Telephone expenses	37	1129777
38.	Guest House expenses	38	552064
39.	Club expenses	39	0
40.	Festival celebration expenses	40	406265
41.	Scholarship	41	0
42.	Gift	42	854529
43.	Donation	43	1528769
44	Rates and taxes, paid or payable to Government or any local body (excluding taxes on income)		
i.	Union excise duty	44i	0
ii.	Service tax	44ii	0
iii.	VAT/ Sales tax	44iii	0
iv.	Cess	44iv	0
v.	Central Goods and Service Tax (CGST)	44v	0
vi.	State Goods and Services Tax (SGST)	44vi	0

vii.	Integrated Goods and Services Tax (IGST)	44vii	0
viii.	Union Territory Goods and Services Tax (UTGST)	44viii	0
ix.	Any other rate, tax, duty or cess incl. STT and CTT	44ix	3609966
x.	Total rates and taxes paid or payable (44i + 44ii + 44iii + 44iv + 44v+44vi+44vij+44viii+44ix)	44x	3609966
45.	Audit fee	45	6180581
46	Other expenses (specify nature and amount)		
	Nature	Amount	
1	Open Access Charges		141032211
2	Legal Expenses		3738978
3	Safety and Security Charges		13103818
4	Housekeeping Expenses		24644722
5	Branding Expenses		24200384
6	CSR Expenses		40913000
7	Other General Expenses		94330710
	Total		341963823
47	Bad debts (specify PAN of the person, if available, for whom Bad Debt for amount of Rs. 1 lakh or more is claimed and amount)		
i	PAN	Amount	
ii.	Others (more than Rs. 1 lakh) where PAN is not available (provide name and complete address)		
	Sl. No.	Name of Flat/Door/Block No.	Name of Premises / Building / Village
		Road/ Street/ Post office	Area/ Locality
		Town/ City/ District	State
		Country	PIN Code/ ZIP Code
		Amount	
iii.	Others (amounts less than Rs. 1 lakh)	ii	0
iv.	Total Bad Debt (47i + 47ii + 47iii)	39iv	0
48.	Provision for bad and doubtful debts	48	0
49.	Other provisions	49	0
50.	Profit before interest, depreciation and taxes [15 – (16 to 21 + 22xi + 23v + 24 to 29 + 30iii + 31iii + 32iii + 33 to 43 + 44x + 45 + 46iii+ 47iv + 48 + 49)]	50	11026455759
51.	Interest		
i.	Paid outside India, or paid in India to a non-resident other than a company or a foreign company	i	0
ii.	To others	ii	6116575165
iii.	Total (i + ii)	51iii	6116575165
52	Depreciation and amortization.	52	4323154902
53	Net Profit before taxes (50 - 51iii - 52)	53	586725692
PROVISIONS FOR TAX AND APPROPRIATIONS			
54	Provision for current tax	54	145168442
55	Provision for Deferred Tax	55	-352521975



56	Profit after tax (53 - 54 - 55)	56	794079225
57	Balance brought forward from previous year	57	0
58	Amount available for appropriation (56+57)	58	794079225
59.	Appropriations		
	i. Transfer to reserves and surplus	59i	0
	ii. Proposed dividend/ Interim dividend	59ii	0
	iii. Tax on dividend/ Tax on dividend for earlier years	59iii	0
	iv. Appropriation towards Corporate Social Responsibility (CSR) activities (in case of companies covered under section 135 of Companies Act, 2013)	59iv	0
	v. Any other appropriation	59v	-215500000
	vi. Total (59i + 59ii + 59iii + 59iv+59v)	59vi	-215500000
60	Balance carried to balance sheet (58 – 59vi)	60	1009579225
61	A Items that will not be reclassified to P&L	61	
	i. Changes in revaluation surplus	i	0
	ii. Re-measurements of the defined benefit plans	ii	-10755961
	iii. Equity instruments through OCI	iii	0
	iv. Fair value Changes relating to own credit risk of financial liabilities designated at FVTPL	iv	0
	v. Share of Other comprehensive income in associates and joint ventures , to the extent not to be classified to P&L	v	0
	vi. Others (Specify nature)		
	Nature	Amount	
	Total of (vi)	vi	0
vii	Income tax relating to items that will not be reclassified to P&L	vii	2317780
viii	Total	viii	-8438181
B	Items that will be reclassified to P&L	B	
i	Exchange differences in translating the financial statements of a foreign operation	i	0
ii	Debt instruments through OCI	ii	0
iii	The effective portion of gains and loss on hedging instruments in a cash flow hedge	iii	0
iv	Share of OCI in associates and joint ventures to the extent to be classified into P&L	iv	0
v	Others (Specify nature)		
	Nature	Amount	
	Total of (v)	v	0
vi	Income tax relating to items that will be reclassified to P&L	vi	0
vii	Total	vii	0
62	Total Comprehensive Income(56 + 61A + 61B)	62	785641044
63	COMPUTATION OF PRESUMPTIVE INCOME FROM GOODS CARRIAGES UNDER SECTION 44AE	63	

Sl. No.	Name of the Business		Business Code	Description
	Sl.No	Registration No. of goods carriage		
i	Whether owned/ leased/hired	Tonnage Capacity of goods carriage(in MT)	Number of months for which goods carriage was owned / leased / hired by assessee	Presumptive income u/s 44AE for the goods carriage (Computed @ Rs.1000 per tone per month in case tonnage exceeds 12MT, or else @ Rs.7500 per month) or the amount claimed to have been earned, whichever is higher
	Total		0	0
ii	Total presumptive income from goods carriage u/s 44AE [total of column (5) of table at Point 63(i)]			0
NO ACCOUNT CASE				
64	IF REGULAR BOOKS OF ACCOUNT OF BUSINESS OR PROFESSION ARE NOT MAINTAINED, furnish the following information for previous year 2018-19 in respect of business or profession – (OTHER THAN COVERED U/S 44AE)			
(i)	For assessee carrying on Business			
a.	Gross receipts/ Turnover (a1 + a2)			64ia
	i	Through a/c payee cheque or a/c payee bank draft or bank electronic clearing system received before specified date		64iai
	ii	Any other mode		64iaii
b.	Gross profit			64ib
c.	Expenses			64ic
d.	Net profit			64id
(ii)	For assessee carrying on Profession			
a.	Gross receipts (a1 + a2)			64ia
	i	Through a/c payee cheque or a/c payee bank draft or bank electronic clearing system received before specified date		64iai
	ii	Any other mode		64iaii
b.	Gross profit			64ib
c.	Expenses			64ic
d.	Net profit			64id
(iii)	Total Profit (64(i)+ 64(ii))			0
Part A OI-Other Information ((mandatory if liable for audit under section 44AB, for other fill, if applicable)				
1	Method of accounting employed in the previous year		1	Mercantile
2	Is there any change in method of accounting		2	No
3	3a	Increase in the profit or decrease in loss because of deviation, if any, as per Income Computation Disclosure Standards notified under section 145(2) [column 11a(iii) of Schedule ICDS]	3a	453385041



3b	Decrease in the profit or increase in loss because of deviation, if any, as per Income Computation Disclosure Standards notified under section 145(2) [column 11b(iii) of Schedule ICDS]	3b	0
4	Method of valuation of closing stock employed in the previous year (If applicable, fill all serial nos in red, since blank will be treated as zeroes)(optional in case of professionals)		
a	Raw Material (if at cost or market rates whichever is less write 1, if at cost write 2, if at market rate write 3)	4a	1. Cost or market rate , whichever is less
b	Finished goods (if at cost or market rates whichever is less write 1, if at cost write 2, if at market rate write 3)	4b	1. Cost or market rate , whichever is less
c	Is there any change in stock valuation method	4c	No
d	Increase in the profit or decrease in loss because of deviation, if any, from the method of valuation specified under section 145A	4d	0
e	Decrease in the profit or increase in loss because of deviation, if any, from the method of valuation specified under section 145A	4e	0
5	Amounts not credited to the profit and loss account, being		
a	the items falling within the scope of section 28	5a	0
b	The proforma credits, drawbacks, refund of duty of customs or excise or service tax, or refund of sales tax or value added tax, or refund of GST, where such credits, drawbacks or refunds are admitted as due by the authorities concerned	5b	0
c	escalation claims accepted during the previous year	5c	0
d	Any other item of income	5d	0
e	Capital receipt, if any	5e	0
f	Total of amounts not credited to profit and loss account (5a+5b+5c+5d+5e)	5f	0
6	Amounts debited to the profit and loss account, to the extent disallowable under section 36 due to non-fulfilment of condition specified in relevant clauses :-		
a	Premium paid for insurance against risk of damage or destruction of stocks or store [36(1)(i)]	6a	0
b	Premium paid for insurance on the health of employees[36(1)(ib)]	6b	0
c	Any sum paid to an employee as bonus or commission for services rendered, where such sum was otherwise payable to him as profits or dividend[36(1)(ii)]	6c	0
d	Any amount of interest paid in respect of borrowed capital[36(1)(iii)]	6d	0
e	Amount of discount on a zero-coupon bond[36(1)(iia)]	6e	0
f	Amount of contributions to a recognised provident fund[36(1)(iv)]	6f	0
g	Amount of contributions to an approved superannuation fund[36(1)(iv)]	6g	0
h	Amount of contribution to a pension scheme referred to in section 80CCD[36(1)(iva)]	6h	0
i	Amount of contributions to an approved gratuity fund[36(1)(v)]	6i	0
j	Amount of contributions to any other fund	6j	0



k	Any sum received from employees as contribution to any provident fund or superannuation fund or any fund set up under ESI Act or any other fund for the welfare of employees to the extent not credited to the employees account on or before the due date [36(1)(va)]	6k	0
l	Amount of bad and doubtful debts [36(1)(vii)]	6l	0
m	Provision for bad and doubtful debts [36(1)(viiia)]	6m	0
n	Amount transferred to any special reserve [36(1)(viii)]	6n	0
o	Expenditure for the purposes of promoting family planning amongst employees [36(1)(ix)]	6o	0
p	Amount of securities transaction paid in respect of transaction in securities if such income is not included in business income [36(1)(xv)]	6p	0
q	Marked to market loss or other expected loss as computed in accordance with the ICDS notified u/s 145(2) [36(1)(xviii)]	6q	0
r	Any other disallowance	6r	0
s	Total amount disallowable under section 36 (total of 6a to 6r)	6s	0
t	Total number of employees employed by the company (mandatory in case company has recognized Provident Fund)		
	i	deployed in India	0
	ii	deployed outside India	0
	iii	Total i+ii	0
7	Amounts debited to the profit and loss account, to the extent disallowable under section 37		
a	Expenditure of capital nature [37(1)]	7a	0
b	Expenditure of personal nature[37(1)]	7b	0
c	Expenditure laid out or expended wholly and exclusively NOT for the purpose of business or profession[37(1)]	7c	0
d	Expenditure on advertisement in any souvenir, brochure, tract, pamphlet or the like, published by a political party[37(2B)]	7d	0
e	Expenditure by way of penalty or fine for violation of any law for the time being in force	7e	0
f	Any other penalty or fine	7f	0
g	Expenditure incurred for any purpose which is an offence or which is prohibited by law	7g	0
h	Expenditure incurred on corporate social responsibility (CSR)	7h	40913000
i	Amount of any liability of a contingent nature	7i	0
j	Any other amount not allowable under section 37	7j	142138133
k	Total amount disallowable under section 37 (total of 7a to 7j)	7k	183051133
8	Amounts debited to the profit and loss account, to the extent disallowable under section 40		
a	Amount disallowable under section 40(a)(i) on account of non-compliance with provisions of Chapter XVII-B	Aa	0



b	Amount disallowable under section 40(a)(ia) on account of non-compliance with the provisions of Chapter XVII-B	Ab	0
c	Amount disallowable under section 40(a)(ib) on account of non-compliance with the provisions of Chapter VIII of the Finance Act, 2016	Ac	0
d	Amount disallowable under section 40(a)(iii) on account of non-compliance with the provisions of Chapter XVII-B	Ad	0
e	Amount of tax or rate levied or assessed on the basis of profits[40(a)(ii)]	Ae	0
f	Amount paid as wealth tax[40(a)(iia)]	Af	0
g	Amount paid by way of royalty, license fee, service fee etc. as per section 40(a)(iib)	Ag	0
h	Amount of interest, salary, bonus, commission or remuneration paid to any partner or member[40(b)]	Ah	0
i	Any other disallowance	Ai	0
j	Total amount disallowable under section 40(total of Aa to Ai)	Aj	0
B	Any amount disallowed under section 40 in any preceding previous year but allowable during the previous year	8B	0
9	Amounts debited to the profit and loss account, to the extent disallowable under section 40A		
a	Amounts paid to persons specified in section 40A(2)(b)	9a	0
b	Amount paid otherwise than by account payee cheque or account payee bank draft or use of electronic clearing system through a bank account, disallowable under section 40A(3)	9b	0
c	Provision for payment of gratuity [40A(7)]	9c	0
d	any sum paid by the assessee as an employer for setting up or as contribution to any fund, trust, company, AOP, or BOI or society or any other institution [40A(9)]	9d	0
e	Any other disallowance	9e	0
f	Total amount disallowable under section 40A (total of 9a to 9c)	9f	0
10	Any amount disallowed under section 43B in any preceding previous year but allowable during the previous year		
a	Any sum in the nature of tax, duty, cess or fee under any law	10a	0
b	Any sum payable by way of contribution to any provident fund or superannuation fund or gratuity fund or any other fund for the welfare of employees	10b	0
c	Any sum payable to an employee as bonus or commission for services rendered	10c	0
d	Any sum payable as interest on any loan or borrowing from any public financial institution or a State financial corporation or a State Industrial investment corporation	10d	0
e	Any sum payable as interest on any loan or borrowing from any scheduled bank or a co-operative bank other than a primary agricultural credit society or a primary co-operative agricultural and rural development bank	10e	0
f	Any sum payable towards leave encashment	10f	794383
g	Any sum payable to the Indian Railways for the use of railway assets	10g	0
h	Total amount allowable under section 43B (total of 10a to 10g)	10h	794383

11	Any amount debited to profit and loss account of the previous year but disallowable under section 43B			11a	0		
	a	Any sum in the nature of tax, duty, cess or fee under any law		11a	0		
	b	Any sum payable by way of contribution to any provident fund or superannuation fund or gratuity fund or any other fund for the welfare of employees		11b	15582679		
	c	Any sum payable to an employee as bonus or commission for services rendered		11c	0		
	d	Any sum payable as interest on any loan or borrowing from any public financial institution or a State financial corporation or a State Industrial investment corporation		11d	0		
	e	Any sum payable as interest on any loan or borrowing from any scheduled bank or a co-operative bank other than a primary agricultural credit society or a primary co-operative agricultural and rural development bank		11e	0		
	f	Any sum payable towards leave encashment		11f	4807884		
	g	Any sum payable by the assessee to the Indian Railways for the use of railway assets.		11g	0		
	h	Total amount disallowable under Section 43B (total of 11a to 11g)		11h	20390563		
12	Amount of credit outstanding in the accounts in respect of						
	a	Union Excise Duty		12a	0		
	b	Service tax		12b	0		
	c	VAT/sales tax		12c	0		
	d	Central Goods and Service Tax (CGST)		12d	0		
	e	State Goods and Services Tax (SGST)		12e	0		
	f	Integrated Goods and Services Tax (IGST)		12f	0		
	g	Union Territory Goods and Services Tax (UTGST)		12g	0		
	h	Any other tax		12h	0		
	e	Total amount outstanding (total of 12a to 12h)		12e	0		
	13	Amounts deemed to be profits and gains under section 33AB or 33ABA or 33AC			13	0	
		i	Section 33AB		13i	0	
		ii	Section 33ABA		13ii	0	
		iii	Section 33AC		13iii	0	
	14	Any amount of profit chargeable to tax under section 41			14	0	
	15	Amount of income or expenditure of prior period credited or debited to the profit and loss account (net)			15	0	
16	Amount of expenditure disallowed u/s 14A			16	0		
Schedule QD-Quantitative details (mandatory if liable for audit under section 44AB)							
(a) In the case of a trading concern							
	Item Name	Unit	Opening stock	Purchase during the previous year	Sales during the previous year	Closing stock	Shortage/ excess, if any
(b) In the case of a manufacturing concern -Raw Materials							



Item Name	Unit of measure	Opening stock	Purchase during the previous year	Consumption during the previous year	Sales during the previous year	Closing stock	Yield Finished Products	Percentage of yield	Shortage/ excess, if any
(c) In the case of a manufacturing concern - Finished products/ By-products									
Item Name	Unit	Opening stock	Purchase during the previous year	Purchase during the previous year	quantity manufactured during the previous year	Sales during the previous year	Closing stock	Shortage/ excess, if any	
Schedule OL-Receipt and payment account of company under liquidation									
1 Opening Balance									
i	Cash in hand				i i				
ii	Bank				i ii				
iii	Total opening balance (i + i ii)				i iii				
2 Receipts									
i	Interest				2i				
ii	Dividend				2ii				
iii	Sale of assets (pls. specify nature and amount)								Amount
	S. No.								
	Nature								
	Total (i i i a + i i i b + i i i c)								
iv	Realisation of dues/debtors				2iv				
v	Others (pls. specify nature and amount)								Amount
	S. No.								
	Nature								
	Total of other receipts (v a + v b)								2v
vi	Total receipts (2i + 2ii + 2i i i d + 2iv + 2v c)				2vi				
3 Total of opening balance and receipts									
					3				
4 Payments									
i	Repayment of secured loan				4i				
ii	Repayment of unsecured loan				4ii				
iii	Repayment to creditors				4i i i				
iv	Commission				4i v				
v	Others (pls. specify)								Amount
	S. No.								
	Nature								
	Total of other payments (4v a - 4v b)								4v
vi	Total payments (4i + 4ii + 4i i i + 4iv + 4v i)				4vi				



5	Closing balance			
	i	Cash in hand	5i	
	ii	Bank	5ii	
	iii	Total Closing balance (5i + 5ii)	5iii	
6	Total of closing balance and payments (4vi + 5iii)			6

Schedule HP - Details of Income from House Property

1	Pass through income if any	
2	Income under the head "Income from house property" (1k+2k+3)(if negative take the figure to 2i of schedule CYLA)	
NOTE	<i>Furnishing PAN of tenant is mandatory, if tax is deducted under section 194-IB.</i>	
	<i>Furnishing TAN of tenant is mandatory, if tax is deducted under section 194-I.</i>	

Schedule BP - Computation of income from business or profession

A	From business or profession other than speculative business and specified business			
1.	Profit before tax as per profit and loss account (item 53 ,61(ii) and 62(b) of Part A-P &L.) / (item 53,63(ii) and 64(iii) of Part A-P&L – Ind AS) (as applicable)	1		586725692
2a.	Net profit or loss from speculative business included in 1 (enter -ve sign in case of loss)	2a		0
2b.	Net profit or Loss from Specified Business u/s 35AD included in 1 (enter -ve sign in case of loss)	2b		0
3.	Income/ receipts credited to profit and loss account considered under other heads of income/chargeable u/s 115BBF/chargeable u/s 115BBG			
	a.	House property	3a	0
	b.	Capital gains	3b	94719718
	c.	Other sources	3c	156454403
	d.	u/s 115BBF	3d	0
	e.	u/s 115BBG	3e	0
4a.	Profit or loss included in 1, which is referred to in section 44AE/44B/44BB/44BBA/44BBB/ 44D/44DA/ Chapter-XII-G/ First Schedule of Income-tax Act(other than 115B)	4a		0
	Sl.No	Section	Amount	
	i.	44AE	0	
	ii.	44B	0	
	iii.	44BB	0	
	iv.	44BBA	0	
	v.	44BBB	0	
	vi.	44D	0	
	vii.	44DA	0	
	viii.	Chapter-XII-G	0	
	ix.	First Schedule of Income Tax Act (other than 115B)	0	
4b.	Profit and gains from life insurance business referred to in section 115B	4b		0



4c.	Profit from activities covered under rule 7, 7A, 7B(1), 7B(1A) and 8	4c	0
	i Profit from activities covered under rule 7	4i	0
	ii Profit from activities covered under rule 7A	4ii	0
	iii Profit from activities covered under rule 7B(1)	4iii	0
	iv Profit from activities covered under rule 7B(2)	4iv	0
	v Profit from activities covered under rule 8	4v	0
5.	Income credited to Profit and Loss account (included in 1) which is exempt		
	a. Share of income from firm(s)	5a	0
	b. Share of income from AOP/ BOI	5b	0
	c. Any other exempt income (specify nature and amount)		
	SI.No.	Nature	Amount
	Total	5c	0
	Total exempt income (5a + 5b + 5c)	5d	0
6.	Balance(1- 2a - 2b - 3a - 3b - 3c- 3d - 4- 5d)	6	335551571
7.	Expenses debited to profit and loss account considered under other heads of income/related to income chargeable u/s 115BBF or u/s 115BBG		
	a. House property	7a	0
	b. Capital gains	7b	0
	c. Other sources	7c	0
	d. u/s 115BBF	7d	0
	e. u/s 115BBG	7e	0
8a.	Expenses debited to profit and loss account which relate to exempt income	8a	0
8b.	Expenses debited to profit and loss account which relate to exempt income and disallowed u/s 14A (16 of Part A-OI)	8b	0
9.	Total (7a + 7b +7c + 7d+ 7e + 8)	9	0
10.	Adjusted profit or loss (6+9)	10	335551571
11.	Depreciation and amortisation debited to profit and loss account	11	4323154902
12.	Depreciation allowable under Income-tax Act		
	i Depreciation allowable under section 32(1)(ii) and 32(1)(iia) (item 6 of Schedule-DEP)	12i	0
	ii Depreciation allowable under section 32(1)(i) (Make your own computation refer Appendix-IA of IT Rules)	12ii	3225410992
	iii Total (12i + 12ii)	12iii	3225410992
13.	Profit or loss after adjustment for depreciation (10 +11 - 12iii)	13	1433295481
14.	Amounts debited to the profit and loss account, to the extent disallowable under section 36 (6r of PartA-OI)	14	0
15.	Amounts debited to the profit and loss account, to the extent disallowable under section 37 (7k of Part A-OI)	15	183051133
16.	Amounts debited to the profit and loss account, to the extent disallowable under section 40 (8Aj of Part A-OI)	16	0
17.	Amounts debited to the profit and loss account, to the extent disallowable under section 40A (9f of Part A-OI)	17	0

18.	Any amount debited to profit and loss account of the previous year but disallowable under section 43B (1h of Part A-OI)	18	20390563
19.	Interest disallowable under section 23 of the Micro, Small and Medium Enterprises Development Act, 2006	19	0
20.	Deemed income under section 41	20	0
21.	Deemed income under section 32AC/ 32AD/ 33AB/ 33ABA/35ABA/ 35ABB/ 35AC/ 40A(3A)/ 33AC/ 72A/ 80HHD/ 80-1A	21	0
	(i)	21(i)	0
	(ii)	21(ii)	0
	(iii)	21(iii)	0
	(iv)	21(iv)	0
	(v)	21(v)	0
	(vi)	21(vi)	0
	(vii)	21(vii)	0
	(viii)	21(viii)	0
	(ix)	21(ix)	0
	(x)	21(x)	0
	(xi)	21(xi)	0
	(xii)	21(xii)	0
22.	Deemed income under section 43CA	22	0
23.	Any other item or items of addition under section 28 to 44DA	23	0
24.	Any other income not included in profit and loss account/any other expense not allowable (including income from salary, commission, bonus and interest from firms in which company is a partner)	24	0
	(a)	24(a)	0
	(b)	24(b)	0
	(c)	24(c)	0
	(d)	24(d)	0
	(e)	24(e)	0
25.	Increase in profit or decrease in loss on account of ICDS adjustments and deviation in method of valuation of stock (Column 3a + 4d of Schedule OI)	25	453385041
26.	Total (14 + 15 + 16 + 17 + 18 + 19 + 20 + 21 + 22 + 23 + 24 + 25)	26	656826737
27.	Deduction allowable under section 32(1)(iii)	27	0
28.	Deduction allowable under section 32AD	28	0
29.	Amount allowable as deduction under section 32AC	29	0
30.	Amount of deduction under section 35 or 35CCC or 35CCCD in excess of the amount debited to profit and loss account (item x(4) of Schedule ESR) (if amount deductible under section 35 or 35CCC or 35CCCD is lower than amount debited to P&L account, it will go to item 24)	30	0



31.	Any amount disallowed under section 40 in any preceding previous year but allowable during the previous year(8B of Part A-OI)	31	0	
32.	Any amount disallowed under section 43B in any preceding previous year but allowable during the previous year (10g of Part A-OI)	32	794383	
33.	Any other amount allowable as deduction	33	0	
34.	Decrease in profit or increase in loss on account of ICDS adjustments and deviation in method of valuation of stock (Column 3b + 4e of Schedule OI)	34	0	
35.	Total (27 + 28 + 29 +30 + 31 + 32c + 33 + 34)	35	794383	
36.	Income (13 + 26 – 35)	34	2089327835	
37.	Profits and gains of business or profession deemed to be under -			
	i	Section 44AE(62(ii) of schedule P&L or 63(ii) of Ind As P&L)	36i	0
	ii	Section 44B	36ii	0
	iii	Section 44BB	36iii	0
	iv	Section 44BBA	36iv	0
	v	Section 44BBB	36v	0
	vi	Section 44D	36vi	0
	vii	Section 44DA	36vii	0
	viii	Chapter-XII-G (tonnage)	36viii	0
	ix	First Schedule of Income-tax Act (other than 115B)	36ix	0
	x	Total (37 i to 37/ix)	36x	0
38.	Net profit or loss from business or profession other than speculative and specified business (34 + 37x)	38	2089327835	
39.	Net Profit or loss from business or profession other than speculative business and specified business after applying rule 7A, 7B or 8, if applicable (If rule 7A, 7B or 8 is not applicable, enter same figure as in 36) (If loss take the figure to 2i of item E)(39a+ 39b + 39c + 39d + 39e + 39f)	39	2089327835	
a.	Income Chargeable under Rule 7	39a	0	
b.	Deemed chargeable Income under Rule 7A	39b	0	
c.	Deemed chargeable Income under Rule 7B(1)	39c	0	
d.	Deemed chargeable Income under Rule 7B(1A)	39d	0	
e.	Deemed chargeable Income under Rule 8	39e	0	
f.	Income other than Rule 7A, 7B & 8 (Item No. 38)	39f	2089327835	
40.	Balance of income deemed to be from agriculture, after applying Rule 7, 7A, 7B(1), 7B(1A) and Rule 8 for the purpose of aggregation of income as per Finance Act [4c-(39a+39b+39c+39d+39e)]	40f	0	
B.	Computation of income from speculative business			
41	Net profit or loss from speculative business as per profit or loss account	41	0	
42	Additions in accordance with section 28 to 44DA	42	0	
43	Deductions in accordance with section 28 to 44DA	43	0	
44	Income from speculative business (41+42-43) (if loss, take the figure to 6xi of schedule CFL)	B44	0	

C. Computation of income from specified business under section 35AD					
45	Net profit or loss from specified business as per profit or loss account		45		0
46	Additions in accordance with section 28 to 44DA		46		0
47	Deductions in accordance with section 28 to 44DA (other than deduction u/s 35AD, (ii) 32 or 35 on which deduction u/s 35AD is claimed))		47		0
48	Profit or loss from specified business (45 + 46 - 47)		48		0
49	Deductions in accordance with section 35AD(1) or 35AD(1A)		49		0
50	Income from Specified Business (if loss, take the figure to 7xii of schedule CFL)(48-49)		C50		0
51	S.No.	Relevant clause of sub-section (5) of section 35AD which covers the specified business (to be selected from drop down menu)			
D. Income chargeable under the head 'Profits and gains from business or profession' (A39+B44+C50)					
E. Intra head set off of business loss of current year					
SI	Type of Business income	Income of current year (Fill this column only if figure is zero or positive)	Business loss set off	Business income remaining after set off	
		(1)	(2)	(3) = (1) - (2)	
i	Loss to be set off (Fill this row only if figure is negative)		0	0	
ii	Income from speculative business		0	0	0
iii	Income from specified business		0	0	0
iv	Profit and gains from life insurance business u/s 115B		0	0	0
v	Total loss set off (ii + iii + iv)		0	0	
vi	Loss remaining after set off (i - v)		0	0	
Schedule DPM - Depreciation on Plant and Machinery (Other than assets on which full capital expenditure is allowable as deduction under any other section)					
1	Block of assets	Plant and machinery			
2	Rate (%)	15	30	40	
		(i)	(ii)	(iii)	
3	Written down value on the first day of previous year				
4	Additions for a period of 180 days or more in the previous year				
5	Consideration or other realization during the previous year out of 3 or 4				
6	Amount on which depreciation at full rate to be allowed (3 + 4 - 5) (enter 0, if result is negative)				

7	Additions for a period of less than 180 days in the previous year				
8	Consideration or other realizations during the year out of 7				
9	Amount on which depreciation at half rate to be allowed (7 - 8)(enter 0, if result is negative)				
10	Depreciation on 6 at full rate				
11	Depreciation on 9 at half rate				
12	Additional depreciation, if any, on 4				
13	Additional depreciation, if any, on 7				
14	Additional depreciation relating to immediately preceding year' on asset put to use for less than 180 days				
15	Total depreciation (10+11+12+13+14)				
16	Depreciation disallowed under section 38(2) of the I.T. Act (out of column 15)				
17	Net aggregate depreciation (15-16)				
18	Proportionate aggregate depreciation allowable in the event of succession, amalgamation, demerger etc. (out of column 17)				
19	Expenditure incurred in connection with transfer of asset/ assets				
20	Capital gains/ loss under section 50(5 + 8 -3 -4 -7 -19) (enter negative only if block ceases to exist)				
21	Written down value on the last day of previous year (6+ 9 -15) (enter 0 if result is negative)				

Schedule DOA - Depreciation on other assets (Other than assets on which full capital expenditure is allowable as deduction)

1	Block of assets	Land	Building (not including land)			Furniture and Fittings	Intangible assets	Ships
2	Rate (%)	nil	5	10	40	10	25	20
			(i)	(ii)	(iii)	(iv)	(v)	(vi)
3	Written down value on the first day of previous year							



4	Additions for a period of 180 days or more in the previous year																				
5	Consideration or other realization during the previous year out of 3 or 4																				
6	Amount on which depreciation at full rate to be allowed(3 + 4 -5) (enter 0, if result is negative)																				
7	Additions for a period of less than 180 days in the previous year																				
8	Consideration or other realizations during the year out of 7																				
9	Amount on which depreciation at half rate to be allowed (7 -8) (enter 0, if result is negative)																				
10	Depreciation on 6 at full rate																				
11	Depreciation on 9 at half rate																				
12	Total depreciation (10+11)																				
13	Depreciation disallowed under section 38(2) of the I.T. Act (out of column 12)																				
14	Net aggregate depreciation (12-13)																				
15	Proportionate aggregate depreciation allowable in the event of succession, amalgamation, demerger etc. (out of column 14)																				
16	Expenditure incurred in connection with transfer of asset/ assets																				
17	Capital gains/ loss under section 50 (5 + 8 -3-4 -7 -16)* (enter negative only if block ceases to exist)																				
18	Written down value on the last day of previous year*(6+ 9 -12)(enter 0 if result is negative)																				
Schedule DEP - Summary of depreciation on assets(Other than assets on which full capital expenditure is allowable as deduction under any other section)																					
I	Plant and machinery																				
	a	Block entitled for depreciation @ 15 per cent (Schedule DPM - 17i or 18i as applicable)																			
	b	Block entitled for depreciation @ 30 per cent (Schedule DPM - 17ii or 18ii as applicable)																			



c	Block entitled for depreciation @ 40 per cent (Schedule DPM - 17iii or 18iii as applicable)	1c		
d	Total depreciation on plant and machinery (1a + 1b + 1c)	1d		
2	Building (not including land)			
a	Block entitled for depreciation @ 5 per cent (Schedule DOA- 14ii or 15ii as applicable)	2a		
b	Block entitled for depreciation @ 10 per cent (Schedule DOA- 14iii or 15iii as applicable)	2b		
c	Block entitled for depreciation @ 40 per cent (Schedule DOA- 14iv or 15iv as applicable)	2c		
d	Total depreciation on building (total of 2a + 2b + 2c)	2d		
3	Furniture and fittings (Schedule DOA- 14v or 15v as applicable)	3		
4	Intangible assets (Schedule DOA- 14vi or 15vi as applicable)	4		
5	Ships (Schedule DOA- 14vii or 15vii as applicable)	5		
6	Total depreciation (1d+2d+3+4+5)	6		
Schedule DCG - Deemed Capital Gains on sale of depreciable assets				
1	Plant and machinery			
a	Block entitled for depreciation @ 15 per cent (Schedule DPM - 20i)	1a		
b	Block entitled for depreciation @ 30 per cent (Schedule DPM – 20ii)	1b		
c	Block entitled for depreciation @ 40 per cent (Schedule DPM - 20iii)	1c		
d	Total (1a +1b + 1c)	1d		
2	Building (not including land)			
a	Block entitled for depreciation @ 5 per cent (Schedule DOA- 17ii)	2a		
b	Block entitled for depreciation @ 10 per cent (Schedule DOA- 17iii)	2b		
c	Block entitled for depreciation @ 40 per cent (Schedule DOA- 17iv)	2c		
d	Total (2a + 2b + 2c)	2d		
3	Furniture and fittings (Schedule DOA- 17v)	3		
4	Intangible assets (Schedule DOA- 17vi)	4		
5	Ships (Schedule DOA- 17vii)	5		
6	Total (1d+2d+3+4+5)	6		
Schedule ESR - Expenditure on scientific Research etc. (Deduction under section 35 or 35CCC or 35CCD)				
Sl.No.	Expenditure of the nature referred to in section (1)	Amount, if any, debited to profit and loss account (2)	Amount of deduction allowable (3)	Amount of deduction in excess of the amount debited to profit and loss account (4) = (3) - (2)
i	35(1)(i)			
ii	35(1)(ii)			
iii	35(1)(iii)			
iv	35(1)(iv)			
v	35(1)(v)			
vi	35(2AA)			
vii	35(2AB)			



Schedule CG-Capital Gains									
viii	35CCC								
ix	35CCD								
x	Total								
Schedule CG-Capital Gains									
A	Short-term capital gain (Sub-items 4 & 5 are not applicable for residents)								
I	From sale of land or building or both (fill up details separately for each property)								
a	i	Full value of consideration received/receivable		ai	0				
	ii	Value of property as per stamp valuation authority		aii	0				
	iii	Full value of consideration adopted as per section 50C for the purpose of Capital Gains [in case (aii) does not exceed 1.05 times (ai), take this figure as (ai), or else take (aii)]		aiii	0				
b	Deductions under section 48								
	i	Cost of acquisition without indexation		bi	0				
	ii	Cost of Improvement without indexation		bii	0				
	iii	Expenditure wholly and exclusively in connection with transfer		biii	0				
	iv	Total (bi + bii + biii)		biv	0				
c	Balance (aiii - biv)			1c	0				
d	Deduction under section 54D/ 54G/54GA (Specify details in item D below)								
	S. No.	Nature			Amount				
	Total			1d	0				
e	Short-term Capital Gains on Immovable property (1c - 1d)								
f	In case of transfer of immovable property, please furnish - the following details (see note)								
	Sl No	Name of Buyer(s)	PAN of Buyer(s)	Percentage share	Amount	Address of Property	Pincode		
Note 1 : Furnishing of PAN is mandatory, if the tax is deduced under section 194-1A. Note 2 : In case of more than one buyer, please indicate the respective percentage share and amount.									
2	From slump sale								
	a	Full value of consideration		2a	0				
	b	Net worth of the under taking or division		2b	0				
	c	Short term capital gains from slump sale(2a-2b)		A2c	0				
4	For NON-RESIDENT, not being an FII- from sale of shares or debentures of an Indian company (to be computed with foreign exchange adjustment under first proviso to section 48)								
	a	STCG on transactions on which securities transaction tax (STT) is paid		A4a	0				
	b	STCG on transactions on which securities transaction tax (STT) is not paid		A4b	0				
5	For NON-RESIDENTS- from sale of securities (other than those at A3 above) by an FII as per section 115AD								
	a	i In case securities sold include shares of a company other than quoted shares, enter the following details							
		a	Full value of consideration received/receivable in respect of unquoted share		5aia	0			
		b	Fair market value of unquoted shares determined in the prescribed manner		5aib	0			



	c	Full value of consideration in respect of unquoted shares adopted as per section 50CA for the purpose of Capital Gains (higher of a or b)	5a1c	0
	ii	Full value of consideration in respect of securities other than unquoted shares	5a1i	0
	iii	Total (ic + ii)	5a1ii	0
b	Deductions under section 48			
	i	Cost of acquisition without indexation	bi	0
	ii	Cost of improvement without indexation	bii	0
	iii	Expenditure wholly and exclusively in connection with transfer	biii	0
	iv	Total (i + ii + iii)	biv	0
c	Balance (5a1ii - biv)			
d	Loss to be disallowed u/s 94(7) or 94(8)- for example if security bought/acquired within 3 months prior to record date and dividend/income/bonus units are received, then loss arising out of sale of such security to be ignored (Enter positive value only)			
e	Short-term capital gain on securities (other than those at A3 above) by an FII (5c + 5d)			
6	From sale of assets other than at A1 or A2 or A3 or A4 or A5 above			
	a	In case assets sold include shares of a company other than quoted shares, enter the following details		
	i	Full value of consideration received/receivable in respect of unquoted share	6a1a	0
	b	Fair market value of unquoted shares determined in the prescribed manner	6a1b	0
	c	Full value of consideration in respect of unquoted shares adopted as per section 50CA for the purpose of Capital Gains (higher of a or b)	61c	0
	ii	Full value of consideration in respect of assets other than unquoted shares	6a1i	49328419713
	iii	Total (ic + ii)	6a1ii	49328419713
b	Deductions under section 48			
	i	Cost of acquisition without indexation	bi	49233700000
	ii	Cost of Improvement without indexation	bii	0
	iii	Expenditure wholly and exclusively in connection with transfer	biii	0
	iv	Total (i + ii + iii)	biv	49233700000
c	Balance (6a1ii - biv)			
d	In case of asset (security/unit) loss to be disallowed u/s 94(7) or 94(8)- for example if asset bought/acquired within 3 months prior to record date and dividend/income/bonus units are received, then loss arising out of sale of such asset to be ignored (Enter positive value only)			
e	Deemed short term capital gains on depreciable assets (6 of schedule- DCG)			
f	Deduction under section 54D/54G/54GA (Specify details in item D below)			
	S. No.	Nature	Amount	
	Total		6f	0
g	STCG on assets other than at A1 or A2 or A3 or A4 or A5 above (6c + 6d + 6e - 6f)			
7	Amount Deemed to be short-term capital gains			
			A6g	94719718



a		Whether any amount of unutilized capital gain on asset transferred during the previous years shown below was deposited in the Capital Gains Accounts Scheme within due date for that year? If yes, then provide the details below					No		
Sl.No.	Previous year in which asset transferred	Section under which deduction claimed in that year	New asset acquired/constructed Year in which asset acquired/constructed	Amount utilised out of Capital Gains account	Amount not used for new asset or remained unutilized in Capital gains account (X)				
b Amount deemed to be short term capital gains u/s 54D/54G/54GA, other than at 'a'									
Total Amount deemed to be short term capital gains (aXI + b)						A7			
8	Pass Through Income in the nature of Short Term Capital Gain, (Fill up schedule PTI)(A8a + A8b + A8c)					0			
	a Pass Through Income in the nature of Short Term Capital Gain, chargeable @ 15%					A8			
	b Pass Through Income in the nature of Short Term Capital Gain, chargeable @ 30%					A8a			
	c Pass Through Income in the nature of Short Term Capital Gain, chargeable at applicable rates					A8b			
						A8c			
9 Amount of STCG included in A1-A8 but not chargeable to tax or chargeable at special rates in India as per DTAA									
Sl. No.	Amount of income A1 to A8 above in which included	Country Name, Code of DTAA	Rate as per Treaty(enter NIL, if not chargeable)	Whether TRC obtained (Y/N)	Section of I.T. Act	Rate as per I.T. Act	Applicable rate [lower of (6) or (9)]		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
a	Total amount of STCG not chargeable to tax in India as per DTAA					0	A9a		
b	Total amount of STCG chargeable to tax at special rates in India as per DTAA					0	A9b		
10	Total short term capital gain (A1e+ A2c+ A3e+ A4a+ A4b+ A5e+ A6g+A7+A8-A9a)					0	A10	94719718	
B Long-term capital gain (LTCG) (Sub-items 6, 7 & 8 are not applicable for residents)									
l From sale of land or building or both (fill up details separately for each property)									
a	i	Full value of consideration received/receivable					ai	0	
	ii	Value of property as per stamp valuation authority					aii	0	
	iii	Full value of consideration adopted as per section 50C for the purpose of Capital Gains [in case (aii) does not exceed 1.05 times (ai), take this figure as (ai), or else take (aii)]					aiii	0	
b Deductions under section 48									
	i	Cost of acquisition with indexation					bi	0	
	ii	Cost of Improvement with indexation					bii	0	
	iii	Expenditure wholly and exclusively in connection with transfer					biii	0	
	iv	Total (bi + bii + biii)					biv	0	
c	Balancce (aiii – biv)					lic	0		
d Deduction under section 54D/54EC/54EE /54G/54GA (Specify details in item D below)									
S. No.		Section		Amount					
		Total		ld		0			
e		Long-term Capital Gains on Immovable property (1c - 1d)		B1e		0			



f	In case of transfer of immovable property, please furnish - the following details (see note)				
	S.No. Name of Buyer	PAN of Buyer (s)	Percentage share	Amount	Address of Property Pincode
2	From slump sale				
a	Full value of consideration				2a
b	Net worth of the undcr taking or division				2b
c	Balance(2a-2b)				2c
d	Deduction u/s				
	S. No.	Section	Amount		
	Total				
e	Long term capital gains from slump sale (2c-2d)				2d
					B2e
3	From sale of bonds or debenture (other than capital indexed bonds issued by Government)				
a	Full value of consideration				3a
b	Deductions under section 48				
	i	Cost of acquisition without indexation			bi
	ii	Cost of improvement without indexation			bii
	iii	Expenditure wholly and exclusively in connection with transfer			biii
	iv	Total (bi + bii +biii)			biv
c	Balance (3a - biv)				3c
d	Deduction under sections 54EE (Specify details in item D below)				3d
e	LTCG on bonds or debenture (3c – 3d)				B3e
4	From sale of listed securities (other than a unit) or zero coupon bonds where proviso under section 112(1) is applicable				
a	Full value of consideration				4a
b	Deductions under section 48				
	i	Cost of acquisition without indexation			bi
	ii	Cost of improvement without indexation			bii
	iii	Expenditure wholly and exclusively in connection with transfer			biii
	iv	Total (bi + bii +biii)			biv
c	Balance (4a - 4biv)				4c
d	Deduction under sections 54EE (Specify details in item D below)				4d
e	Long-term Capital Gains on assets at B4 above (4c – 4d)				B4c
5	From sale of equity share in a company or unit of equity oriented fund or unit of a business trust on which STT is paid under section 112A				
a	Full value of consideration				5a
b	Deductions under section 48				
	ia	Cost of acquisition without indexation if the long term capital asset was acquired before 01.02.2018 (higher of iA and iB)			5ia
	ia A	Cost of acquisition			5iaA

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	ia B	If the long term capital asset was acquired before 01.02.2018, lower of B1 and B2	5iaB	0
	ia B1	Fair Market Value of capital asset as per section 55(2)(ac)	5ia B1	0
	ia B2	Full value of consideration	5ia B2	0
	bii	Cost of improvement without indexation	5bii	0
	biii	Expenditure wholly and exclusively in connection with transfer	5biii	0
	biv	Total (bi + bii + biii)	5biv	0
	c	Balance (5a – biv)	5c	0
	d	Less-LTCG threshold limit as per section 112A (5c – Rs. 1 lakh) This exemption shall be considered in Schedule SI	5d	
	e	Deduction under sections 54EE (Specify details in item D below)	5e	0
	f	Long-term Capital Gains on assets at B5 above (5c – 5e)	B5f	0
6		For NON-RESIDENTS- from sale of shares or debenture of Indian company (to be computed with foreign exchange adjustment under first proviso to section 48)		
	a	LTCG computed without indexation benefit	6a	0
	b	Deduction under sections 54EE (Specify details in item D below)	6b	0
	c	LTCG on share or debenture (6a – 6b)	B6c	0
8		For NON-RESIDENTS - From sale of equity share in a company or unit of equity oriented fund or unit of a business trust on which STT is paid under section 112A		
	a	Full value of consideration	8a	0
	b	Deductions under section 48		
	ia	Cost of acquisition without indexation (higher of iA and iB)	8ia	0
	ia A	Cost of acquisition	8iaA	0
	ia B	If the long term capital asset was acquired before 01.02.2018, lower of B1 and B2	8iaB	0
	ia B1	Fair Market Value of capital asset as per section 55(2)(ac)	8ia B1	0
	ia B2	Full value of consideration	8ia B2	0
	bii	Cost of improvement without indexation	8bii	0
	biii	Expenditure wholly and exclusively in connection with transfer	8biii	0
	biv	Total (bi + bii + biii)	8biv	0
	c	Balance (8a – biv)	8c	0
	d	Less- LTCG threshold limit as per section 112A (8c – Rs. 1 lakh) This exemption shall be considered in Schedule SI	8d	
	e	Deduction under sections 54EE (Specify details in item D below)	8e	0
	f	Long-term Capital Gains on assets at B5 above (8c – 8e)	B8f	0
9		From sale of assets where B1 to B8 above are not applicable		
	a	In case assets sold include shares of a company other than quoted shares, enter the following details		
			ia	0
		Full value of consideration received/receivable in respect of unquoted shares		
		Fair market value of unquoted shares determined in the prescribed manner	ib	0
		Full value of consideration in respect of unquoted shares adopted as per section 50CA for the purpose of Capital Gains (higher of a or b)	ic	0



ii	Full value of consideration in respect of assets other than unquoted shares	iii	0						
iii	Total (ic + ii)	iii	0						
b	Deductions under section 48								
i	Cost of acquisition with indexation	bi	0						
ii	Cost of Improvement with indexation	bii	0						
iii	Expenditure wholly and exclusively in connection with transfer	biii	0						
iv	Total (bi + bii + biii)	biv	0						
c	Balance (7a - biv)	7c	0						
d	Deduction under sections 54D/54G/54GA (Specify details in item D below)								
	S. No.	Section	Amount						
	Total		9d						
	Long-term Capital Gains on assets at B9 above (9c-9d)		B9e						
e			0						
10	Amount deemed to be long-term capital gains								
a	Whether any amount of unutilized capital gain on asset transferred during the previous years shown below was deposited in the Capital Gains Accounts Scheme within due date for that year? If yes, then provide the details below								
Sl.No.	Previous year in which asset transferred	Section under which deduction claimed in that year	New asset acquired/constructed Year in which asset acquired/constructed Amount utilised out of Capital Gains account Amount not used for new asset or remained unutilized in Capital gains account (X)						
b	Amount deemed to be long-term capital gains, other than at 'a'								
	Amount deemed to be long-term capital gains (Xi + b)		B8						
11	Pass Through Income in the nature of Long Term Capital Gain,(Fill up schedule PTI) (B12a + B12b)								
a	Pass Through Income in the nature of Long Term Capital Gain, chargeable @ 10%								
b	Pass Through Income in the nature of Long Term Capital Gain, chargeable @ 20%								
12	Amount of LTCG included in B1- B11 but not chargeable to tax or chargeable at special rates in India as per DTAA (to be taken to schedule SI)								
Sl. No	Amount of Item B1 to B11 above in which included	Country Name, Code	Article of DTAA	Rate as per Treaty (enter NIL, if not chargeable)	Whether Tax Residency Certificate obtained?	Section of I.T. Act	Rate as per I.T. Act	Applicable rate [lower of (6) or (9)]	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
a	Total amount of LTCG not chargeable to tax under DTAA								
b	Total amount of LTCG chargeable at special rates in India as per DTAA								
13	Total long term capital gain [B1c +B2e+ B3e +B4e + B5f + B6e + B7e + B8f + B9e + B10 + B11 - B12a](In case of loss take the figure to 9xi of schedule CFL)								
C	Income chargeable under the head "CAPITAL GAINS" (A10 + B13) (take B13 as nil, if loss)								
D	Information about deduction claimed								
I	In case of deduction u/s 54D/54EC /54G/54GA give following details								C
									94719718

a Deduction claimed u/s 54D										
SI.No	Date of transfer of original asset	Cost of purchase/ construction of new land or building for industrial undertaking	Date of purchase of new land or building	Amount deposited in Capital Gains Accounts Scheme before due date	Amount of deduction claimed					
b Deduction claimed u/s 54EC										
SI.No	Date of transfer of original asset	Amount invested in specified/notified bonds	Date of investment	Amount of deduction claimed						
c Deduction claimed u/s 54EE										
SI.No	Date of transfer of original asset	Amount invested in specified asset	Date of investment	Amount of deduction claimed						
d Deduction claimed u/s 54G										
SI.No	Date of transfer of original asset	Cost and expenses incurred for purchase or construction of new asset	Date of purchase/construction of new asset in an area other than urban area	Amount deposited in Capital Gains Accounts Scheme before due date	Amount of deduction claimed					
e Deduction claimed u/s 54GA										
SI.No	Date of transfer of original asset	Cost and expenses incurred for purchase or construction of new asset	Date of purchase/construction of new asset in an area other than urban area	Amount deposited in Capital Gains Accounts Scheme before due date	Amount of deduction claimed					
g Total deduction claimed (1a + 1b + 1c + 1d)		₹		0						
E Set-off of current year capital losses with current year capital gains (excluding amounts included in A9(a) and B12(a) which is not chargeable under DTAA)										
SI.No	Type of Capital Gain	Short term capital loss			Long term capital loss			Current year's capital gains remaining after set off (9=1-2-3-4-5 -6-7-8)		
		Capital Gain of current year (Fill this column only if computed figure is positive)	15%	30%	applicable rate	DTAA rate	20%		DTAA rate	
		1	2	3	4	5	6	7	8	9
	Capital Loss to be set off (Fill	0		0	0	0	0	0	0	0

	this row only if figure computed is negative)												
		Short term capital gain	15% applicable rate	30% applicable rate	DTAA rates	Total loss set off (ii + iii + iv + v + vi + vii + viii)	Loss remaining after set off(i - ix)	Information about accrual/receipt of capital gain					
ii	Short term capital gain	0	0	0	0	0	0						
iii	Short term capital gain	0	0	0	0	0	0						
iv	Short term capital gain	94719718	0	0	0	0	0		94719718				
v	DTAA rates	0	0	0	0	0	0		0				
vi	Long term capital gain	0	0	0	0	0	0		0	0	0	0	0
vii	Long term capital gain	0	0	0	0	0	0		0	0	0	0	0
viii	DTAA rates	0	0	0	0	0	0		0	0	0	0	0
ix	Total loss set off (ii + iii + iv + v + vi + vii + viii)	0	0	0	0	0	0		0	0	0	0	0
x	Loss remaining after set off(i - ix)	0	0	0	0	0	0		0	0	0	0	0
F	Information about accrual/receipt of capital gain												
Type of Capital gain / Date		Upto 15/6 (i)					16/6 to 15/9 (ii)			16/9 to 15/12 (iii)		16/12 to 15/3 (iv)	16/3 to 31/3 (v)
1	Short-term capital gains taxable at the rate of 15% Enter value from item 5vii of schedule BFLA, if any.	0					0			0		0	0
2	Short-term capital gains taxable at the rate of 30% Enter value from item 5viii of schedule BFLA, if any.	0					0			0		0	0
3	Short-term capital gains taxable at applicable rates Enter value from item 5viii of schedule BFLA, if any.	23298466					24645782			26122909		20652561	0
4	Short-term capital gains taxable at DTAA rates Enter value from item 5ix of schedule BFLA, if any.	0					0			0		0	0
5	Long- term capital gains taxable at the rate of 10% Enter value from item 5x of schedule BFLA, if any. Enter value from item 3vi of schedule BFLA, if any.	0					0			0		0	0
6	Long- term capital gains taxable at the rate of 20% Enter value from item 5xi of schedule BFLA, if any.	0					0			0		0	0
7	Long-term capital gains taxable at DTAA rates Enter value from item 5xii of schedule BFLA, if any.	0					0			0		0	0

Note: Please include the income of the specified persons referred to in Schedule SPI while computing the income under this head

Tool-112A - From sale of equity share in a company or unit of equity oriented fund or unit of a business trust on which STT is paid under section 112A



Sl.No	ISIN Code	Name of the Share/ Unit	No. of Shares/ Units	Sale-price per Share/ Unit	Total Sale Value (4*5)	Cost of acquisition without indexation Item 5 (b)(i) of LTCG Schedule of ITR6	Cost of acquisition with indexation Item 5 (A) of LTCG Schedule of ITR6	If the holding term capital asset was acquired before 01.02.2018, lower of B1 and B2 -Lower of 11 & 12-item 5 (b)(i) (B) of LTCG Schedule of ITR6	Fair Market Value per share/ unit as on 31st January, 2018, (ac)- (4*10) - item 5 (b)(i)(B)(1) of LTCG Schedule of ITR6	Total Fair Market Value of capital asset as per section 2(69)(2) of ITR6	Full value of Consideration - item 4 (b)(i) (B)(2) of LTCG Schedule of ITR6	Cost of improvement without indexation - item 5 (b) (ii) of LTCG Schedule of ITR6	Expenditure wholly and exclusively in connection with transfer - item 5 (b) (iii) of LTCG Schedule of ITR6	Total deduction (bi + bii + biii) - item (iv) of LTCG Schedule of ITR6	Balance \$a - (biv) - Item 5 (c) of LTCG Schedule of ITR6
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total															

Tool-115AD (1)(ii)(p) -For NON-RESIDENTS - From sale of equity share in a company or unit of equity oriented fund or unit of a business trust on which STT is paid under section 112A

Sl.No	ISIN Code	Name of the Share/ Unit	No. of Shares/ Units	Sale-price per Share/ Unit	Total Sale Value (4*5)	Cost of acquisition without indexation Item 8 (b)(i) of LTCG Schedule of ITR6	Cost of acquisition with indexation Item 8 (A) of LTCG Schedule of ITR6	If the holding term capital asset was acquired before 01.02.2018, lower of B1 and B2 -Lower of 11 & 12-item 8 (b)(i) (B) of LTCG Schedule of ITR6	Fair Market Value per share/ unit as on 31st January, 2018, (ac)- (4*10) - item 8 (b)(i)(B)(1) of LTCG Schedule of ITR6	Total Fair Market Value of capital asset as per section 2(69)(2) of ITR6	Full value of Consideration - item 8 (b)(i) (B)(2) of LTCG Schedule of ITR6	Cost of improvement without indexation - item 8 (b) (ii) of LTCG Schedule of ITR6	Expenditure wholly and exclusively in connection with transfer - item 8 (b) (iii) of LTCG Schedule of ITR6	Total deduction (bi + bii + biii) - item (iv) of LTCG Schedule of ITR6	Balance \$a - (biv) - Item 8 (c) of LTCG Schedule of ITR6
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
Total															



(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)		
								12-item 8 (b)(i) (B) of LTCG Schedule of ITR6	Schedule of ITR6								
Total																	
Schedule OS: Income from other sources																	
1	Gross income chargeable to tax at normal applicable rates (1a+ 1b+ 1c+ 1d + 1e)															1	156454403
	a	Dividend, Gross														1a	0
	b	Interest, Gross(bi + bii + biii + biv + bv)														1b	156454403
	bi	From Savings Bank														1bi	0
	bii	From Deposit (Bank/ Post Office/ Co-operative Society)														1bii	24370507
	biii	From Income Tax Refund														1biii	19333730
	biv	In the nature of Pass through income														1biv	0
	bv	Others														1bv	112750166
	c	Rental income from machinery, plants, buildings, etc., Gross														1c	0
	d	Income of the nature referred to in section 56(2)(x) which is chargeable to tax (di + dii + diii + div + dv)														1d	0
	di	Aggregate value of sum of money received without consideration														1di	0
	dii	In case immovable property is received without consideration, stamp duty value of property														1dii	0
	diiii	In case immovable property is received for inadequate consideration, stamp duty value of property in excess of such consideration														1diiii	0
	div	In case any other property is received without consideration, fair market value of property														1div	0
	dv	In case any other property is received for inadequate consideration, fair market value of property in excess of such consideration														1dv	0
	1e	Any other income (please specify nature)															0
		SL No	Nature													Amount	
		Total														0	
2	Income chargeable at special rates (2a+ 2b+ 2c+ 2d + 2e)															2	0
	a	Income by way of winnings from lotteries, crossword puzzles etc.															0
	b	Income chargeable u/s 115BBE (bi + bii + biii + biv+ bv + bvi)															0
	i	Cash credits u/s 68															0
	ii	Unexplained investments u/s 69															0
	iii	Unexplained money etc. u/s 69A															0
	iv	Undisclosed investments etc. u/s 69B															0
	v	Unexplained expenditure etc. u/s 69C															0

	vi	Amount borrowed or repaid on hundi u/s 69D				0							
	c	Accumulated balance of recognized provident fund taxable u/s 111											
		SL No	Assessment Year	Income Benefit	Tax Benefit								
		Total		0	0	0							
	d	Any other income chargeable at special rate (total of di to dxviii) dxix)					0						
		SL No	Nature	Amount									
	e	Pass through income in the nature of income from other sources chargeable at special rates					0						
		SL No	Nature	Amount									
	f	Amount included in 1 and 2 above, which is chargeable at special rates in India as per DTAA (total of column (2) of table below)					0						
	Sl.No (1)	Amount of income (2)	Item 1 and 2 in which included (3)	Country Name,Code (4)	Article of DTAA (5)	Rate as per Treaty (enter NIL, if not chargeable) (6)	Whether TRC obtained(Y/N) (7)	Section of I.T. Act (8)	Rate as per I.T. Act (9)	Applicable rate [lower of (6) or (9)] (10)			
3	Deductions under section 57:- (other than those relating to income chargeable at special rates under 2a, 2b & 2d)												
	a	Expenses / Deductions									a	0	
	b	Depreciation									b	0	
	c	Total									c	0	
4	Amounts not deductible u/s 58												
5	Profits chargeable to tax u/s 59												
6	Net Income from other sources chargeable at normal applicable rates (1 - 3 + 4 + 5) (If negative take the figure to 3xi of schedule CYLA)											6	156454403
7	Income from other sources (other than from owning race horses)(2+6) (enter 6 as nil, if negative)											7	156454403
8	Income from the activity of owning and maintaining race horses												
	a	Receipts									8a	0	
	b	Deductions under section 57 in relation to receipts at 8a only									8b	0	
	c	Amounts not deductible u/s 58									8c	0	
	d	Profits chargeable to tax u/s 59									8d	0	
	e	Balance (8a - 8b + 8c + 8d) (if negative take the figure to 10xii of Schedule CFL)									8e	0	
9	Income under the head "Income from other sources" (7+8e) (take 8e as nil if negative)										9	156454403	
10	Information about accrual/receipt of income from Other Sources												
	S. No.	Other Source Income	Upto 15/6(i)	From 16/6 to 15/9(ii)	From 16/9 to 15/12(iii)	From 16/12 to 15/3(iv)	From 16/3 to 31/3(v)						
	1	Dividend Income u/s 115BBDA	0	0	0	0	0	0	0	0	0		

2	Income by way of winnings from lotteries, crossword puzzles, races, games, gambling, betting etc. referred to in section 2(24)(ix)	0	0	0	0	0
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NOTE: Please include the income of the specified persons referred to in Schedule SP1 while computing the income under this head.

Schedule CYLA-Details of Income after set-off of current years losses

Sl.No.	Head/ Source of Income	Income of current year (Fill this column only if income is zero or positive)	House property loss of the current year set off Total loss(4 of Schedule -HIP)	Business Loss (other than speculation or specified business loss) of the current year set off(2vi of item E of Schedule BP)	Other sources loss (other than loss from race horses) of the current year set off Total loss 6 of Schedule-OS	Current year's Income remaining after set off
		1	2	3	4	5=1-2-3-4
i	Loss to be set off (Fill this row only if computed figure is negative)		0	0	0	
ii	House property	0		0	0	0
iii	Income from Business (excluding speculation profit and income from specified business) or profession	2089327835	0		0	2089327835
iv	Profit and gains from life insurance business u/s 115B	0	0		0	0
v	Speculation Income	0	0		0	0
vi	Specified business income u/s 35AD	0	0		0	0
vii	Short-term capital gain taxable @ 15%	0	0		0	0
viii	Short-term capital gain taxable @ 30%	0	0		0	0
ix	Short-term capital gain taxable at applicable rates	94719718	0		0	94719718
x	Short-term capital gain taxable at special rates in India as per DTAA rates	0	0		0	0



xi	Long term capital gain taxable @ 10%	0	0	0	0	0	0	0
xii	Long term capital gain taxable @ 20%	0	0	0	0	0	0	0
xiii	Long term capital gains taxable at special rates in India as per DTAA rates	0	0	0	0	0	0	0
xiv	Net income from Other sources chargeable at normal applicable rates	156454403	0	0	0	0	0	156454403
xv	Profit from owning and maintaining race horses	0	0	0	0	0	0	0
xvi	Other sources income taxable at special rates as per DTAA rates	0	0	0	0	0	0	0
xviii	Total loss set-off		0	0	0	0	0	
xiv	Loss remaining after set-off (i - xvii)		0	0	0	0	0	

Schedule BFLA-Details of Income after Set off of Brought Forward Losses of earlier years

Sl.No	Head/ Source of Income	Income after set off, if any, of current year's losses as per 5 of Schedule CYLA	Brought forward loss set off	Brought forward depreciation set off	Brought forward allowance under section 35(4) set off	Current year's income remaining after set off
		1	2	3	4	5
i	House property	0	0	0	0	0
ii	Business (excluding speculation profit and income from specified business)	2089327835	0	0	0	2089327835
iii	Profit and gains from life insurance business u/s 115B	0	0	0	0	0
iv	Speculation Income	0	0	0	0	0
v	Specified Business Income	0	0	0	0	0
vi	Short-term capital gain taxable at 15%	0	0	0	0	0
vii	Short-term capital gain taxable at 30%	0	0	0	0	0
viii	Short-term capital gain taxable at applicable rates	94719718	0	0	0	94719718
ix	Short-term capital gain taxable at special rates in India as per DTAA	0	0	0	0	0
x	Long term capital gain taxable at 10%	0	0	0	0	0
xi	Long term capital gain taxable at 20%	0	0	0	0	0

xii	Long term capital gains taxable at special rates in India as per DTAA	0	0	0	0	0	0	0	0	0
xiii	Net income from other sources chargeable at normal applicable rates	156454403								156454403
xiv	Profit from the activity of owning and maintaining race horses	0	0	0	0	0	0	0	0	0
xv	Income from other sources income taxable at special rates in India as per DTAA	0								0
xii	Total of brought forward loss set off							0	0	0
xiii	Current year's income remaining after set off Total (i5 + ii5 + iii5 + iv5 + v5+ vi5+ vii5 + viii5+ ix5 + x3 + xi3 + xii5 + xiii5 + xiv5 + xv5)									2340501956

Schedule CFL-Details of Losses to be carried forward to future years

Sl.No.	Assessment Year	Date of Filing (DD/MM/YYYY)	House property loss	Loss from business other than loss from speculative Business and specified business	Loss from speculative Business	Loss from specified business	Short-term capital loss	Long-term Capital loss	Loss from owning and maintaining race horses
i	2010-11								
ii	2011-12								
iii	2012-13								
iv	2013-14								
v	2014-15								
vi	2015-16								
vii	2016-17								
viii	2017-18								
viii	2018-19								
ix	Total of earlier year losses b/f								
x	Adjustment of above losses in Schedule BFLA								
xi	2019-20 (Current year losses)								
xii	Total loss Carried Forward to future years								

Schedule UD - Unabsorbed depreciation and allowance under section 35(4)							
Sl.No	Assessment Year (2)	Depreciation		Allowance under section 35(4)			
		Amount of brought forward unabsorbed depreciation (3)	Amount of depreciation set-off against the current year income (4)	Balance Carried forward to the next year (5)	Amount of brought forward unabsorbed allowance (6)	Amount of allowance set-off against the current year income (7)	Balance Carried forward to the next year (8)
I	2019-20			0			0
	Total	0	0	0	0	0	0

Schedule ICDS - Effect of Income Computation Disclosure Standards on profit

Sl.No.	ICDS	Amount (+) or (-)
(i)	(ii)	(iii)
I	Accounting Policies	
II	Valuation of Inventories (other than the effect of change in method of valuation u/s 145A, if the same is separately reported at col. 4d or 4e of Part A-OI)	
III	Construction Contracts	
IV	Revenue Recognition	441338291
V	Tangible Fixed Assets	
VI	Changes in Foreign Exchange Rates	
VII	Government Grants	
VIII	Securities (other than the effect of change in method of valuation u/s 145A, if the same is separately reported at col. 4d or 4e of Part A-OI)	
IX	Borrowing Costs	12046750
X	Provisions, Contingent Liabilities and Contingent Assets	
11a	Total effect of ICDS adjustments on profit (I+II+III+IV+V+VI+VII+VIII+IX+X) (if positive)	453385041
11b	Total effect of ICDS adjustments on profit (I+II+III+IV+V+VI+VII+VIII+IX+X) (if negative)	

Schedule 10A - Deduction under section 10A

Deduction in respect of units located in Special Economic Zone

Sl.No.	Undertaking	Assessment year in which unit begins to manufacture/produce/provide services	Amount of deduction
Total deduction under section 10A(a+b)			

Schedule 10AA - Deduction under section 10AA

Deduction in respect of units located in Special Economic Zone

Sl.No.	Undertaking	Assessment year in which unit begins to manufacture/produce/provide services	Amount of deduction
Total deduction under section 10AA			

Schedule 80G: Details of donation entitled for deduction under Section 80G

A. Donations entitled for 100% deduction without qualifying limit

Sl.No.	Name of donee	Address Detail	City or Town or District	State Code	PinCode	PAN of Donee	Amount of donation



		Donation in cash	Donation in other mode	Total Donation	Eligible Amount of Donation
Total					
A					

B. Donations entitled for 50% deduction without qualifying limit

Sl.No.	Name of donee	Address Detail	City or Town or District	State Code	PinCode	PAN of Donee	Amount of donation		Eligible Amount of Donation
							Donation in cash	Donation in other mode	
Total									
B									

C. Donations entitled for 100% deduction subject to qualifying limit

Sl.No.	Name of donee	Address Detail	City or Town or District	State Code	PinCode	PAN of Donee	Amount of donation		Eligible Amount of Donation
							Donation in cash	Donation in other mode	
Total									
C									

D. Donations entitled for 50% deduction subject to qualifying limit

Sl.No.	Name of donee	Address Detail	City or Town or District	State Code	PinCode	PAN of Donee	Amount of donation		Eligible Amount of Donation
							Donation in cash	Donation in other mode	
Total									
D									
E. Donations (A + B + C+ D)									
F. Total Eligible amount of Donations (A + B + C + D)									

Schedule 80GGA - Details of donations for scientific research or rural development

S.No	Relevant Clause under which deduction is claimed	Name of Donee	Address	City Or Town Or District	State Code	Pin Code	PAN of Donee	Amount of Donation			Eligible Amount of Donation
								Donation in Cash	Donation in Other Mode	Total Donation	
Donation in cash											
Donation in other mode											
Total Donation											
Eligible Amount of Donation											



Schedule RA Details of donations to research associations etc. [deduction under sections 35(1)(ii) or 35(1)(iia) or 35(1)(iii) or 35(2AA)]											
S.No.	Name of donee	Address Detail	City or Town or District	State Code	PinCode	PAN of Donee	Amount of donation		Eligible Amount of Donation		
							Donation in cash	Donation in other mode	Total Donation	Donation	
Total A											
Schedule 80-IA - Deductions under section 80-IA											
a	Deduction in respect of profits of an enterprise referred to in section 80-IA(4)(i) [Infrastructure facility]										
	1	Undertaking No. 1								0	
b	Deduction in respect of profits of an undertaking referred to in section 80-IA(4)(ii) [Telecommunication services]										
	1	Undertaking No. 1								0	
c	Deduction in respect of profits of an undertaking referred to in section 80-IA(4)(iii) [Industrial park and SEZs]										
	1	Undertaking No. 1								0	
d	Deduction in respect of profits of an undertaking referred to in section 80-IA(4)(iv) [Power]										
	1	Undertaking No. 1							1074556974		
e	Deduction in respect of profits of an undertaking referred to in section 80-IA(4)(v) [Revival of power generating plant] and deduction in respect of profits of an undertaking referred to in section 80-IA(4)(vi) [Cross-country natural gas distribution network]										
	1	Undertaking No. 1								0	
f	Total deductions under section 80-IA (a + b + c + d + e)									f	1074556974
Sch 80-IB Deductions under Section 80-IB											
a	Deduction in respect of industrial undertaking located in Jammu and Kashmir [Section 80-IB(4)]										
	1	Undertaking No. 1								0	
b	Deduction in respect of industrial undertaking located in industrially backward states specified in Eighth Schedule [Section 80-IB(4)]										
	1	Undertaking No. 1								0	
c	Deduction in respect of industrial undertaking located in industrially backward districts [Section 80-IB(5)]										
	1	Undertaking No. 1								0	
d	Deduction in the case of multiplex theatre [Section 80-IB(7A)]										
	1	Undertaking No. 1								0	
e	Deduction in the case of convention centre [Section 80-IB(7B)]										
	1	Undertaking No. 1								0	
f	Deduction in the case of company carrying on scientific research [Section 80-IB(8A)]										
	1	Undertaking No. 1								0	
g	Deduction in the case of undertaking which begins commercial production or refining of mineral oil [Section 80-IB(9)]										
	1	Undertaking No. 1								0	



h	Deduction in the case of an undertaking developing and building housing projects [Section 80-IB(10)]		0
	1	Undertaking No. 1	
i	Deduction in the case of an undertaking operating a cold chain facility [Section 80-IB(11)]		0
	1	Undertaking No. 1	
j	Deduction in the case of an undertaking engaged in processing, preservation and packaging of fruits, vegetables, meat, meat products, poultry, marine or dairy products [Section 80-IB(11A)]		0
	1	Undertaking No. 1	
k	Deduction in the case of an undertaking engaged in integrated business of handling, storage and transportation of foodgrains [Section 80-IB(11A)]		0
	1	Undertaking No. 1	
l	Deduction in the case of an undertaking engaged in operating and maintaining a rural hospital [Section 80-IB(11B)]		0
	1	Undertaking No. 1	
m	Deduction in the case of an undertaking engaged in operating and maintaining a hospital in any area, other than excluded area [Section 80-IB(11C)]		0
	1	Undertaking No. 1	
n	Total deduction under section 80-IB (Total of a1 to m2)		n
Sch 80-1C or 80-1E Deductions under section 80-1C or 80-1E			
a	Deduction in respect of undertaking located in Sikkim		0
	1	Undertaking No. 1	
b	Deduction in respect of undertaking located in Himachal Pradesh		0
	1	Undertaking No. 1	
c	Deduction in respect of undertaking located in Uttaranchal		0
	1	Undertaking No. 1	
d	Deduction in respect of undertaking located in North-East		
da	Assam		0
	1	Undertaking No. 1	
db	Arunachal Pradesh		0
	1	Undertaking No. 1	
dc	Manipur		0
	1	Undertaking No. 1	
dd	Mizoram		0
	1	Undertaking No. 1	
de	Meghalaya		0
	1	Undertaking No. 1	
df	Nagaland		0
	1	Undertaking No. 1	



dg	Tripura		dh	e
	1	Undertaking No. 1		
dh	Total deduction for undertakings located in North-east (total of da1 to dg2)		0	0
e	Total deduction under section 80-IC or 80-IE (a + b + c + dh)		0	0
Deductions under Chapter VI-A				
1. Part B- Deduction in respect of certain payments				
a	80G - Donations to certain funds, charitable institutions, etc.(Please fill 80G Schedule. This field is auto-populated from schedule.)	0	0	0
b	80GGB - Contribution given by companies to political parties	0	0	0
c	80GGA - Certain donations for scientific research or rural development(Please fill 80GGA Schedule. This field is auto-populated from schedule.)	0	0	0
d	80GGC - Donation to Political party	0	0	0
	Total Deduction under Part B (a + b + c + d)	0	0	0
2. Part C- Deduction in respect of certain incomes				
e	80-IA (f of Schedule 80-IA) - Profits and gains from industrial undertakings or enterprises engaged in infrastructure development, etc.	1074556974	1074556974	1074556974
f	80-IAB - Profits and gains by an undertaking or enterprise engaged in development of Special Economic Zone	0	0	0
g	80-IAC - Special provision in respect of specified business	0	0	0
h	80-IB (n of Schedule 80-IB)- Profits and gains from certain industrial undertakings other than infrastructure development undertakings	0	0	0
i	80-IBA - Profits and gains from housing projects	0	0	0
j	80-IC/80-IE (e of Schedule 80-IC/ 80-IE)-Special provisions in respect of certain undertakings or enterprises in certain special category States/ North-Eastern States.	0	0	0
k	80JJA-Profits and gains from business of collecting and processing of bio-degradable waste.	0	0	0
l	80JJA-Employment of new employees	0	0	0
m	80LA-Certain Income Of Offshore Banking Units And International Financial Services Center	0	0	0
n	80PA- Deduction in respect of certain Income of Producer Companies	0	0	0
o	Total Deduction under Part C (total of e to n)	1074556974	1074556974	1074556974
3	Total deductions under Chapter VI-A (1 + 2)	1074556974	1074556974	1074556974
Schedule SI-Income chargeable to tax at special rates [Please see instruction Number-7(ii) for section and rate of tax]				
Sl.No.	Section/Description	Special rate (%)	Income (i)	Tax thereon (ii)



1	111 - Tax on accumulated balance of recognized provident fund	1	0	0
2	115B - Profits and gains of life insurance business	12.5	0	0
3	111A Short term capital gains on equity share or equity oriented fund chargeable to STT	15	0	0
4	112 (LTCG on others)	20	0	0
5	112 proviso (LTCG on listed securities/ units without indexation)	10	0	0
6	112(1)(c)(iii)(LTCG on unlisted securities in case of non-residents)	10	0	0
7	112A LTCG on equity shares/units of equity oriented fund/units of business trust on which STT is paid	10	0	0
8	115BB - Income by way of winnings from lotteries, crossword puzzles etc.	30	0	0
9	115AD(1)(ii) -STCG (other than on equity share or equity oriented mutual fund referred to in section 111A) by an FII	30	0	0
10	115BBF_BP - Tax on income from patent (Income under head business or profession)	10	0	0
11	115BBG_BP - Income under head business or profession (Income under head business or profession)	10	0	0
12	115AD(1)(iii) Proviso For NON-RESIDENTS - From sale of equity share in a company or unit of equity oriented fund or unit of a business trust on which STT is paid under section 112A	10	0	0
13	STCGDTAARate - STCG Chargeable at special rates in India as per DTAA	1	0	0



14	LTCGDTAARate - LTCG Chargeable at special rates in India as per DTAA	1	0	0
15	OSDTAARate - Other source Chargeable at special rates in India as per DTAA	1	0	0
Total				0

Schedule EI-Details of Exempt Income (Income not to be included in Total Income or not chargeable to tax)

1	Interest income	1		
2	Dividend income	2		
3	i Gross Agricultural receipts (other than income to be excluded under rule 7A, 7B or 8 of I.T. Rules)	i		
	ii Expenditure incurred on agriculture	ii		
	iii Unabsorbed agricultural loss of previous eight assessment years	iii		
	iv Agricultural income portion relating to Rule 7, 7A, 7B(1), 7B(2) and 8 (from Sl. No. 40 of Sch. BP)	iv		
	v Net Agricultural income for the year (i - ii - iii + iv) (enter nil if loss)	4		
4	vi In case the net agricultural income for the year exceeds Rs.5 lakh, please furnish the following details			

Sl.No.	Name of district along with pin code in which agricultural land is located	Measurement of agricultural land in Acre		Whether the agricultural land is owned or held on lease	Whether the agricultural land is irrigated or rain-fed
		Name of district.	Pin code		

4 Other exempt income, including exempt income of minor child (please specify)

Sl.No.	Nature of Income	Amount
		4
Total		

5 Income not chargeable to tax as per DTAA

Sl.No.	Amount of Income	Nature of Income	Country name & code	Article of DTAA	Head of Income	Whether TRC obtained
Total Income from DTAA not chargeable to tax						
				5		
6						
Pass through income not chargeable to tax (Schedule PTI)						
				6		
7						
Total (1 + 2 + 3 + 4 + 5 + 6)						
				7		

Schedule PTI - Pass Through Income details from business trust or investment fund as per section 115UA,115UB

Sl	Name of business trust/ investment fund	PAN of the business trust/investment fund	SI	Head of income	Amount of income	TDS on such amount,if any

NOTE : Please refer to the instructions for filling out this schedule

Schedule MAT - Computation of Minimum Alternate Tax payable under section 115JB

1	Whether the Profit and Loss Account is prepared in accordance with the provisions of Parts II of Schedule III to the Companies Act, 2013 (If yes, write 'Y', if no write 'N')	Yes
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2	If 1 is no, whether profit and loss account is prepared in accordance with the provisions of the Act governing such company (If yes, write 'Y', if no write 'N')	Yes	
3	Whether, for the Profit and Loss Account referred to in item 1 above, the same accounting policies, accounting standards and same method and rates for calculating depreciation have been followed as have been adopted for preparing accounts laid before the company at its annual general body meeting? (If yes, write 'Y', if no write 'N')	Yes	
4	Profit after tax as shown in the Profit and Loss Account (enter item 56 of Part A-P&L)/(enter item 56 of Part A- P&L Ind AS) (as applicable)	794079225	
5	Additions (if debited in profit and loss account)		
	a Income-tax paid or payable or its provision including the amount of deferred tax and the provision thereof	5a	0
	b Reserve (except reserve under section 33AC)	5b	0
	c Provisions for unascertained liability	5c	0
	d Provisions for losses of subsidiary companies	5d	0
	e Dividend paid or proposed	5e	0
	f Expenditure related to exempt income under sections 10, 11 or 12 [exempt income excludes income exempt under section 10(38)]	5f	0
	g Expenditure related to share in income of AOP/ BOI on which no income-tax is payable as per section 86	5g	0
	h Expenditure in case of foreign company referred to in clause (fb) of explanation 1 to section 115JB	5h	0
	i Notional loss on transfer of certain capital assets or units referred to in clause (fc) of explanation 1 to section 115JB	5i	0
	j Expenditure relating to income by way of royalty in respect of patent chargeable to tax u/s 115BBF	5j	0
	k Depreciation attributable to revaluation of assets	5k	0
	l Gain on transfer of units referred to in clause (k) of explanation 1 to section 115JB	5l	0
	m Others (including residual unadjusted items and provision for diminution in the value of any asset)	5m	0
	n Total additions (5a+5b+5c+5d+5e+5f+5g+5h+5i+5j+5k+5l+5m)	5n	0
6	Deductions		
	a Amount withdrawn from reserve or provisions if credited to Profit and Loss account	6a	0
	b Income exempt under sections 10, 11 or 12 [exempt income excludes income exempt under section 10(38)]	6b	0
	c Amount withdrawn from revaluation reserve and credited to profit and loss account to the extent it does not exceed the amount of depreciation attributable to revaluation of asset	6c	0



d	Share in income of AOP/ BOI on which no income-tax is payable as per section 86 credited to Profit and Loss account	6d	0
e	Income in case of foreign company referred to in clause (iid) of explanation 1 to section 115JB	6e	0
f	Notional gain on transfer of certain capital assets or units referred to in clause (ite) of explanation 1 to section 115JB	6f	0
g	Loss on transfer of units referred to in clause (iif) of explanation 1 to section 115JB	6g	0
h	Income by way of royalty referred to in clause (iig) of explanation 1 to section 115JB	6h	0
i	Loss brought forward or unabsorbed depreciation whichever is less or both as may be applicable	6i	0
j	Profit of sick industrial company till net worth is equal to or exceeds accumulated losses	6j	0
k	Others (including residual unadjusted items and the amount of deferred tax credited to P&L A/c)	6k	120357165
l	Total deductions (6a+6b+6c+6d+6e+6f+6g+6h+6i+6j+6k)	6l	120357165
7	Book profit under section 115JB (4+ 5n – 6l)	7	673722060
8	Whether the financial statements of the company are drawn up in compliance to the Indian Accounting Standards (Ind-AS) specified in Annexure to the companies (Indian Accounting Standards) Rules, 2015. If yes, furnish the details below:-	8	Y
A. Additions to book profit under sub-sections (2A) to (2C) of section 115JB			
a	Amounts credited to other comprehensive income in statement of profit & loss under the head "items that will not be reclassified to profit & loss"	8	0
b	Amounts debited to the statement of profit & loss on distribution of non-cash assets to shareholders in a demerger	8	0
c	One fifth of the transition amount as referred to in section 115JB (2C) (if applicable)	8	0
d	Others (including residual adjustment)	8	0
e	Total additions (8a + 8b + 8c + 8d)	8	0
B. Deductions from book profit under sub-sections (2A) to (2C) of section 115JB			
f	Amounts debited to other comprehensive income in statement of profit & loss under the head "items that will not be reclassified to profit & loss"	8f	0
g	Amounts credited to the statement of profit & loss on distribution of non-cash assets to shareholders in a demerger	8g	0
h	One fifth of the transition amount as referred to in section 115JB (2C) (if applicable)	8h	0
i	Others (including residual adjustment)	8i	0
j	Total deductions (8f+ 8g + 8h + 8i)	8j	0
9	Deemed total income under section 115JB (7 + 8e – 8j)	9	673722060
10	Tax payable under section 115JB	10	124638581
Schedule MATC - Computation of tax credit under section 115JAA			



1	Tax under section 115JB in assessment year 2019-20 (1d of Part-B-TT1)		1	145179019		
2	Tax under other provisions of the Act in assessment year 2019-20 (2f of Part-B-TT1)		2	442371814		
3	Amount of tax against which credit is available [enter (2 - 1) if 2 is greater than 1, otherwise enter 0]		3	297192795		
4	Utilisation of MAT credit Available [Sum of MAT credit utilized during the current year is subject to maximum of amount mentioned in 3 above and cannot exceed the sum of MAT Credit Brought Forward]					
Sl.No.	Assessment Year (A)	MAT Credit			Balance MAT Credit Carried Forward (D)= (B5) - (C)	
		Gross (B1)	Set-off in earlier years (B2)	Balance Brought forward (B3)=(B1)- (B2)		
i	2008-09	0	0	0	0	
ii	2009-10	0	0	0	0	
iii	2010-11	0	0	0	0	
iv	2011-12	0	0	0	0	
v	2012-13	0	0	0	0	
vi	2013-14	0	0	0	0	
vii	2014-15	0	0	0	0	
viii	2015-16	0	0	0	0	
ix	2016-17	334985110	0	334985110	37792315	
x	2017-18	107527139	0	107527139	107527139	
xi	2018-19	115869459	0	115869459	115869459	
xii	2019-20 (enter 1 -2, if 1>2 else enter 0)	0			0	
	Total	558381708	0	558381708	261188913	
5	Amount of tax credit under section 115JAA utilised during the year [enter 4(C)xii]				5	297192795
6	Amount of MAT liability available for credit in subsequent assessment years [enter 4(D)xii]				6	261188913

Schedule DDT - Details of tax on distributed profits of domestic companies and its payment

1	2	3	4	5	6	7	8	9	10
Sl.No/Section	Date of declaration or distribution	Rate of Dividend, declared, distributed	Amount of dividend declared, distributed	Amount of reduction as per section	Tax payable on dividend declared, distributed or paid	Interest payable under section	Additional income- tax and interest payable (6d + 7)	Tax And Interest Paid	Net payable/ refundable (8-9)
Under which dividend is being declared	or payment, whichever is earliest, of dividend	or paid	or paid	115- O(1A)	Additional Income- tax @15% or 30% as applicable payable under section	Health & Education Cess on (a +b)(5c)	Total tax payable (a + b + c)) (5d)	Interest payable under section 115P (6d + 7)	Net payable/ refundable (8-9)

		by domestic company		115-O (4-5)(5a)							
Schedule BBS - Details of tax on distributed income of a domestic company on buy back of shares, not listed on stock exchange											
1	2	3	4	5			6	7	8	9	
SI.No	Date of payments of any consideration to the shareholder on buy back of share	Amount of consideration paid by the company for issue of such shares	Distributed Income of the company (2 - 3)	Tax payable on distributed income			Interest payable under section 115QB	Additional income-tax and interest payable (5d + 6)	Tax and Interest Paid	Net payable/refundable (7-8)	
				Additional income-tax @20% payable under section 115QA on 4 (5a)	Surcharge on "a" (5b)	Health & Education Cess on (a +b)(5c)	Total tax payable (a + b + c) (5d)				

Schedule FSI - Details of Income from outside India and tax relief

SI	Country Code	Taxpayer Identification Number	SI.No.	Head of income	Income from outside India (included in PART B-TI)	Tax paid outside India	Tax payable on such income under normal provisions in India	Tax relief available in India (e) = (c) or (d) whichever is lower	Relevant article of DTAA if relief claimed u/s 90 or 90A
				(a)	(b)	(c)	(d)	(e)	(f)

Note: Please refer to the instructions for filling out this schedule

Schedule TR - Summary of tax relief claimed for taxes paid outside India

Details of Tax Relief claimed									
1	SI.No	Country Code	Country Code	Taxpayer Identification Number	Total taxes paid outside India (total of (c) of Schedule FSI in respect of each country)	Total tax relief available (total of (e) of Schedule FSI in respect of each country)	Tax Relief Claimed under section (specify 90, 90A or 91)		
			(a)	(b)	(c)	(d)	(e)		
Total									
2	Total Tax relief available in respect of country where DTAA is applicable (section 90/90A) (Part of total of 1(d))						2		
3	Total Tax relief available in respect of country where DTAA is not applicable (section 91) (Part of total of 1(d))						3		
4	Whether any tax paid outside India, on which tax relief was allowed in India, has been refunded/credited by the foreign tax authority during the year? If yes, provide the details below						4		
4a	Amount of tax refunded						4a		

4b	Assessment year in which tax relief allowed in India		4b
Note: Please refer to the instructions for filling out this schedule.			
Schedule FA - Details of Foreign Assets and Income from any source outside India			
A1	Details of Foreign Depository Accounts held (including any beneficial interest) at any time during the relevant accounting period		
Sl.No. (1)	Country Name and Code (2)	Name of the financial institution(3)	Address of the financial institution(4)
		Zip Code(5)	Account Number (6)
		Status (7)	Account opening date (8)
		Peak Balance	Peak the period (in rupees) (9)
		Closing balance(10)	Closing balance (10)
		Gross interest paid/credited to the account during the period(11)	Gross interest credited to the account during the period(11)
A2	Details of Foreign Custodial Accounts held (including any beneficial interest) at any time during the relevant accounting period		
Sl.No. (1)	Country Name and code(2)	Name of the financial institution(3)	Address of the financial institution(4)
		ZIP Code(5)	Account Number(6)
		Status(7)	Account opening date(8)
		Peak Balance	Peak During the Period(9)
		Closing balance(10)	Closing balance(10)
		Gross interest paid/credited to the account during the period(11)	Gross interest credited to the account during the period(11)
		Nature	Amount
A3	Details of Foreign Equity and Debt Interest held (including any beneficial interest) in any entity at any time during the relevant accounting period		
Sl.No. (1)	Country Name and code(2)	Name of the entity(3)	Address of the entity(4)
		ZIP Code(5)	Account Number(6)
		Date of acquiring the interest(7)	Initial value of the investment(8)
		Peak value of investment	Peak During the Period(9)
		Closing balance(10)	Closing balance(10)
		Total gross amount paid/proceeds from sale or redemption of investment during the period(11)	Total gross amount paid/credited with respect to the holding during the period(11)
		Total gross amount	Total gross amount
A4	Details of Foreign Cash Value Insurance Contract or Annuity Contract held (including any beneficial interest) at any time during the relevant accounting period		
Sl.No. (1)	Country Name and code(2)	Name of financial institution in which insurance contract held(3)	Address of the financial institution(4)
		ZIP Code(5)	Account Number(6)
		Date of contract(6)	Date of contract(6)
		The cash value or surrender value of the contract(7)	The cash value or surrender value of the contract(7)
		Total gross amount	Total gross amount
B	Details of Financial Interest in any Entity held (including any beneficial interest) at any time during the relevant accounting period		
Sl.No. (1)	Country Name and Code (2a)	Zip Code (2b)	Name of the Entity (4a)
		Entity (4b)	Address of the Entity (4b)
		Nature of the entity (3)	Name of interest (5)
		Date since held (6)	Date since held (6)
		Total Investment (at cost) (in rupees) (7)	Total Investment accrued from such Interest(8)
		Nature of Income (9)	Nature of Income (9)
		Income this return	Income taxable and offered in this return
		Amount (10)	Amount (10)
		Schedule where offered (11)	Schedule where offered (11)
		Item number of schedule (12)	Item number of schedule (12)



C Details of Immovable Property held (including any beneficial interest) at any time during the relevant accounting period																
Sl.No.	Country	Zip Code(2b)	Address of the Property (3)	Ownership (4)	Date of acquisition (5)	Total Investment (at cost) (in rupees) (6)	Income derived from the property (7)	Nature of Income (8)	Income taxable and offered in this return							
(1)	Code(2a)	Code(2b)	(3)	(4)	(5)	(6)	(7)	(8)	Amount (9) Schedule where offered (10) Item number of schedule (11)							
D Details of any other Capital Asset held (including any beneficial interest) at any time during the relevant accounting period																
Sl.No.	Country	Zip Code(2b)	Nature of Asset (3)	Ownership (4)	Date of acquisition (5)	Total Investment (at cost) (in rupees) (6)	Income derived from the property (7)	Nature of Income (8)	Income taxable and offered in this return							
(1)	Code(2a)	Code(2b)	(3)	(4)	(5)	(6)	(7)	(8)	Amount (9) Schedule where offered (10) Item number of schedule (11)							
E Details of account(s) in which you have signing authority held (including any beneficial interest) at any time during the relevant accounting period and which has not been included in A to D above.																
Sl.No.	Name of the Institution in which the account is held (2)	Address of the Institution (3a)	Country Code and Name (3b)	Zip Code (3c)	Name of the account holder (4)	Account Number (5)	Peak Balance/ Investment during the year (6)	Whether income accrued is taxable in your hands? (7)	If (7) is yes, Income offered in this return (8)	Income taxable and offered in this return (9)	Income offered in this return (10)	Item number of schedule (11)				
(1)	(2)	(3a)	(3b)	(3c)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)				
F Details of trusts, created under the laws of a country outside India, in which you are a trustee, beneficiary or settlor.																
Sl.No.	Country and Code (2a)	Zip Code (2b)	Name of the trust (3)	Address of the trust (3a)	Name of trustees (4)	Address of trustees (4a)	Name of Settlor (5)	Address of Settlor (5a)	Name of Beneficiaries (6)	Address of Beneficiaries (6a)	Date since position held (7)	Whether income derived is taxable in your hands? (8)	If (8) is yes, Income offered in this return (9)	Income accrued in the account (9)	Income offered where offered (11)	Item number of schedule (12)
(1)	(2a)	(2b)	(3)	(3a)	(4)	(4a)	(5)	(5a)	(6)	(6a)	(7)	(8)	(9)	(9)	(11)	(12)
G Details of any other income derived from any source outside India which is not included in, - (i) items A to F above and, (ii) income under the head business or profession																
Sl.No.	Country Name and Code(2a)	Zip Code(2b)	Name of the person from whom derived (3a)	Address of the person from whom derived (3b)	Income derived (4)	Nature of income (5)	Whether taxable in your hands? (6)	If (6) is yes, Income offered in this return (7)	Income offered where offered (8)	Item number of schedule (9)						
(1)	(2a)	(2b)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9)						
Note: Please refer to the instructions for filling up this schedule																
Schedule SH-1 - SHAREHOLDING OF UNLISTED COMPANY (other than a start-up for which Schedule SH-2 is to be filled up)																



A											
Details of shareholding at the end of the previous year											
SI No	Name of the shareholder	Residential status in India	Type of share	Others	PAN	Date of allotment	Number of shares held	Face value per share	Issue Price per share	Amount received	
1	JSW ENERG Y LIMITED	Resident	Equity Shares		AAACJ8109N	2015-09-08	1250050000	10	10	125005000000	
B											
Details of equity share application money pending allotment at the end of the previous year											
SI No	Name of the applicant	Residential status in India	Type of share	Others	PAN	Date of application	Number of shares applied for	Application money received	Face value per share	Proposed issue price	
C											
Details of shareholders who is not a shareholder at the end of the previous year but was a shareholder at any time during the previous year											
SI No	Name of the shareholder	Residential status in India	Type of share	PAN	Number of shares held	Face value per share	Issue Price per share	Amount received	Date of allotment	Date on which cease to be shareholder	In case of transfer, PAN of the new shareholder
Schedule SH-2 - SHAREHOLDING OF START-UPS											
A											
Details of shareholding at the end of the previous year											
SI No	Name of the shareholder	Category of shareholder	Type of share	Others	PAN	Date of allotment	Number of shares held	Face value per share	Issue Price per share	Share premium	
B											
Details of share application money pending allotment at the end of the previous year											
SI No	Name of the applicant	Category of applicant	Type of share	Others	PAN	Date of application	Number of shares applied for	Face value per share	Proposed issue price per share	Share application premium	
C											
Details of shareholders who is not a shareholder at the end of the previous year but was a shareholder at any time during the previous year											
SI No	Name of the shareholder	Category of shareholder	Type of share	PAN	Date of allotment	Face value per share	Issue Price per share	Amount received	Date on which cease to be shareholder	In case of transfer, PAN of the new shareholder	
Schedule AL-1 - Assets and liabilities as at the end of the year (mandatorily required to be filled by an unlisted company) (other than a start-up for which Schedule AL-2 is to be filled up)											
A											
Details of building or land appurtenant there to, or both, being a residential house											
SI No	Address	Pin code	Date of acquisition	Cost of acquisition Rs.	Purpose for which used (dropdown to be provided)						
B											
Details of land or building or both not being in the nature of residential house											



SI No	Address	Pin code	Date of acquisition	Cost of acquisition Rs.	Purpose for which used (dropdown to be provided)								
1	Sholtu colony tapri	172104	2015-09-01	1480483426	Own Office								
C Details of listed equity shares													
Opening balance		Shares acquired during the year		Shares transferred during the year		Closing balance							
SI No	Name of company	PAN	No. of shares	Type of share	Cost of acquisition	No. of shares	Type of share	No. of shares	Type of share	Cost of acquisition			
D Details of unlisted equity shares													
Opening balance		Shares acquired during the year				Shares transferred during the year				Closing balance			
SI No	Name of company	PAN	No. of shares	Cost of acquisition	Date of subscription/purchase	Face value per share	Issue price per share (in case of fresh issue)	Purchase price per share (in case of purchase from existing shareholder)	No. of shares	Sale consideration	No. of shares	Type of share	Cost of acquisition
E Details of other securities													
Opening balance		Securities acquired during the year				Securities transferred during the year				Closing balance			
SI No	Type of securities	Description	Whether listed or unlisted	No. of securities	Cost of acquisition	Face value per share	Issue price per share (in case of fresh issue)	Purchase price per share (in case of purchase from existing shareholder)	No. of securities	Sale consideration	No. of securities	Type of securities	Cost of acquisition
F Details of capital contribution to any other entity													
SI No	Name of entity	PAN	Opening balance	Amount contributed during the year	Amount withdrawn during the year	Amount of profit/loss/dividend/interest debited or credited during the year	Closing balance						
G Details of Loans & Advances to any other concern (If money lending is not assessee's substantial business)													



SI No	Name of the person	PAN	Opening balance	Amount received during the year	Amount paid	Interest credited if any	Closing balance	Rate of interest (%)
H Details of motor vehicle, aircraft, yacht or other mode of transport								
SI No	Particulars of asset	Description	Registration number of vehicle	Cost of acquisition	Date of acquisition	Purpose for which used		
I Details of Jewellery, archaeological collections, drawings, paintings, sculptures, any work of art or bullion								
SI No	Particulars of asset	Description	Quantity	Cost of acquisition	Date of acquisition	Purpose of use		
J Details of liabilities								
Details of loans, deposits and advances taken from a person other than financial institution								
SI No	Name of the person	PAN	Opening Balance	Amount received	Amount paid	Interest credited if any	Closing balance	Rate of interest (%)
Schedule AL-2 - Assets and liabilities as at the end of the year (applicable for start-ups only)								
If you are a start-up which has filed declaration in Form-2 under para 5 of DPIIT notification dated 19.02.2019, please furnish the following information for the period from the date of incorporation upto end of the year								
A Details of building or land appurtenant there to, or both, being a residential house acquired since incorporation								
SI No	Address	Pin code	Date of acquisition	Cost of acquisition Rs.	Purpose for which used (dropdown to be provided)	Whether transferred on or before the end of the previous year	If Yes date of transfer	
B Details of land or building or both not being a residential house acquired since incorporation								
SI No	Address	Pin code	Date of acquisition	Cost of acquisition Rs.	Purpose for which used (dropdown to be provided)	Whether transferred on or before the end of the previous year	If Yes date of transfer	
C Details of Loans & Advances made since incorporation (If lending of money is not assessee's substantial business)								
SI No	Name of the person	PAN	Date on which loans and advances has been made	Amount of loans and advances	Amount	Whether loans and advances has been repaid	If Yes date of repayment	Rate of interest, if any
D Details of capital contribution made to any other entity since incorporation								
SI No	Name of entity	PAN	Date on which capital contribution has been made	Amount of contribution	Amount withdrawn, if any	Amount of profit/loss/dividend/interest	Closing balance as at the end of the previous year, if any	



												debited or credited during the year
E												
Details of acquisition of shares and securities												
SI No	Name of company/entity	PAN	Type of shares/securities	Number of shares/securities acquired	Cost of acquisition	Date of acquisition	Whether transferred	If Yes date of transfer	Closing balance as at the end of the previous year, if any			
F												
Details of motor vehicle, aircraft, yacht or other mode of transport, the actual cost of which exceeds ten lakh rupees acquired since incorporation												
SI No	Particulars of asset	Registration number of vehicle	Cost of acquisition	Date of acquisition	Purpose for which used	Whether transferred	If Yes date of transfer					
G												
Details of Jewellery acquired since incorporation												
SI No	Particulars of asset	Quantity	Cost of acquisition	Date of acquisition	Purpose for which used	Whether transferred	If Yes date of transfer	Closing balance as at the end of the previous year, if any				
H												
Details of archaeological collections, drawings, paintings, sculptures, any work of art or bullion acquired since incorporation												
SI No	Particulars of asset	Quantity	Cost of acquisition	Date of acquisition	Purpose for which used	Whether transferred	If Yes date of transfer	Closing balance as at the end of the previous year, if any				
I												
Details of liabilities												
Details of loans, deposits and advances taken from a person other than financial institution												
SI No	Name of the person	PAN	Opening Balance	Amount received	Amount paid	Interest credited if any	Closing balance	Rate of interest, if any				
Schedule GST - INFORMATION REGARDING TURNOVER/GROSS RECEIPT REPORTED FOR GST												
SI No	GSTIN No(s)	Annual value of outward supplies as per the GST return(s) filed										
1	02AADCH3821L1ZU	14729725653										
2	27AADCH3821L1ZI	0										
3	07AADCH3821L1ZK	0										
Schedule FD - Break-up of payments/receipts in Foreign currency (to be filled up by the assessee who is not liable to get accounts audited u/s 44AB)												
SI No	Amount (in Rs.)											



i	Payments made during the year on capital account				
ii	Payments made during the year on revenue account				
iii	Receipts during the year on capital account				
iv	Receipts during the year on revenue account				
Schedule Part B-TI Computation of Total Income					
1	Income from house property (4 of Schedule-HP) (enter nil if loss)		1	0	
2	Profits and gains from business or profession				
					2089327835
i	Profits and gains from business other than speculative business and specified business (A39 of Schedule-BP) (enter nil if loss)	2i			
ii	Profits and gains from speculative business (B44 of Schedule BP) (enter nil if loss and carry this figure to Schedule CFL)	2ii		0	
iii	Profits and gains from specified business (C50 of Schedule BP) (enter nil if loss and carry this figure to Schedule CFL)	2iii		0	
iv	Income chargeable to tax at special rate (3d,3e and 3iv of table E of Schedule BP)	2iv		0	
v	Total (2i + 2ii + 2iii + 2iv)				2089327835
3	Capital gains		2v		
a	Short term Capital Gain				
i	Short-term chargeable @ 15% (9ii of item E of schedule CG)	3ai		0	
ii	Short-term chargeable @ 30% (9iii of item E of schedule CG)	3aii		0	
iii	Short-term chargeable at applicable rate (9iv of item E of schedule CG)	3aiii		94719718	
iv	STCG chargeable at special rates in India as per DTAA(9v of item E of Schedule CG)	3aiv		0	
v	Total short-term Capital Gain (ai+aii+aiii+aiiv)	3aiv		94719718	
b	Long term Capital Gain				
i	Long-term chargeable @ 10% (9vi of item E of schedule CG)	3bi		0	
ii	Long-term chargeable @ 20% (9vii of item E of schedule CG)	3bii		0	
iii	LTCG chargeable at special rates as per DTAA (9viii of item E of schedule CG)	3biii		0	
iv	Total Long-Term (bi+bii+biii)(enter nil if loss)	3biv		0	
c	Total Capital Gains(3av + 3biv) (enter nil if loss)		3c		94719718
4	Income from other sources				
a	Net income from other sources chargeable to tax at normal applicable rates (6 of Schedule OS) (enter nil if loss)	4a		156454403	
b	Income chargeable to tax at special rate (2 of Schedule OS)	4b		0	



c	from owning and maintaining race horses (8e of Schedule OS) (enter nil if loss)	4c	0
d	Total (4a + 4b + 4c)		4d 156454403
5	Total of head wise income(1 + 2vi + 3c + 4d)		5 2340501956
6	Losses of current year to be set off against 5 (total of 2xvii, 3xvii and 4xvii of Schedule CYLA)		6 0
7	Balance after set off current year losses (5 - 6)(total of column 5 of Schedule CYLA + 4b + 2iv)		7 2340501956
8	Brought forward losses to be set off against 7 (total of 2xvi, 3xvi and 4xvi of Schedule BFLA)		8 0
9	Gross Total income (7 - 8) (also 5xvii of Schedule BFLA + 4b + 2iv)		9 2340501956
10	Income chargeable to tax at special rate under section 111A, 112, 112A etc. included in 9		10 0
12	Deductions under Chapter VI-A		
a	Part-B of Chapter VI-A [1 of Schedule VI-A and limited upto (9-10)]	11a	0
b	Part-C of Chapter VI-A [(2 of Schedule VI-A and limited upto (9-10-2iii)]	11b	1074556974
c	Total (11a + 11b) [limited upto (9-10)]	11c	1074556974
12	Deduction u/s 10AA (c of Sch. 10AA)	12	0
13	Total income (9 - 11c - 12)	13	1265944980
14	Income chargeable to tax at special rates (total of (j) of schedule SI)	14	0
15	Income chargeable to tax at normal rates (13 - 14)	15	1265944980
16	Net agricultural income (3 of Schedule EI)	16	0
17	Losses of current year to be carried forward (total of xi of Schedule CFL)	17	0
18	Deemed total income under section 115JB (9 of Schedule MAT)	18	673722060
Schedule Part B-TI - Computation of tax liability on total income			
1	a	1a	124638581
	b	1b	14956630
	c	1c	5583808
	d	1d	145179019
2	Tax payable on total income		
	a	2a	379783494
	b	2b	0
	c	2c	379783494
	d	Surcharge	
	di	2di	0
	dii	2dii	45574019
	diii	2diii	45574019
	e	2e	17014301
	f	2f	442371814
3	Gross tax payable (higher of 1d and 2f)		
		3	442371814
4	Credit under section 115JAA of tax paid in earlier years (if 2f is more than 1d)(5 of Schedule MATC)		
		4	297192795

@ 30%

@ 12%

e 4%

@ 34.94%



5	Tax payable after credit under section 115JAA [(3 - 4)]	5	145179019
6	Tax relief		
	a Section 90/90A(2 of Schedule TR)	6a	0
	b Section 91(3 of Schedule TR)	6b	0
	c Total (6a + 6b)	6c	0
7	Not tax liability (5 - 6c) (enter zero,if negative)	7	145179019
8	Interest and fee payable		
	a Interest For default in furnishing the return (section 234A)	8a	0
	b Interest For default in payment of advance tax (section 234B)	8b	0
	c Interest For deferment of advance tax (section 234C)	8c	0
	d Fee for default in furnishing return of income (section 234F)	8d	0
	e Total Interest and Fee Payable (8a+8b+8c+8d)	8e	0
9	Aggregate liability (7 + 8e)	9	145179019
10	Taxes Paid		
	a Advance Tax (from column 5 of 15A)	10a	144400000
	b TDS (total of column 9 of 15B)	10b	92125483
	c TCS (total of column 7 of 15C)	10c	30613
	d Self-Assessment Tax (from column 5 of 15A)	10d	0
	e Total Taxes Paid (10a + 10b + 10c + 10d)	10e	236556096
11	Amount payable (9 - 10e) (Enter if 9 is greater than 10e, else enter 0)	11	0

Refund

12	Refund (if 10e is greater than 9) (Refund, if any, will be directly credited into the bank account)	12	91377080
----	---	----	----------

Bank Account Details

13	Do you have a bank account in India (Non-residents claiming refund with no bank account in India may select NO)?		No
	SI No.	IFSC Code of the BANK	Name of the BANK
			Account Number (the number should be 9 digits or more as per CBS system of the bank)
	1	SBIN0011525	STATE BANK OF INDIA
	2	SBIN0011525	STATE BANK OF INDIA
	3	SBIN0009995	STATE BANK OF INDIA
	4	SBIN0009995	STATE BANK OF INDIA
	5	PUNB0042700	PUNJAB NATIONAL BANK
	6	IBKL0000127	IDBI BANK
	7	SBIN0017313	STATE BANK OF INDIA
			Indicate the accounts in which you prefer to get your refund credited
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>
			<input checked="" type="checkbox"/>



c) Non-residents, who are claiming income-tax refund and not having bank account in India may, at their option, furnish the details of one foreign bank account			
Sl No.	SWIFT Code	Name of the Bank	Country of Location IBAN
14		Do you at any time during the previous year,- (i) hold, as beneficial owner, beneficiary or otherwise, any asset (including financial interest in any entity) located outside India; or (ii) have signing authority in any account located outside India; or (iii) have income from any source outside India? [applicable only in case of a resident] [Ensure Schedule FA is filled up if the answer is Yes]	NO
15 A. Sch IT - Details of payments of Advance Tax and Self-Assessment Tax			
Sl. No.	BSR Code	Date of deposit(DD/MM/YYYY)	Serial number of challan Amount(Rs)
(1)	(2)	(3)	(4) (5)
1	0011352	15/06/2018	02698 98200000
2	0011352	15/06/2018	02728 24800000
3	0014431	14/12/2018	03722 21400000
Total			144400000

TDS1

15 B1 - Details of Tax Deducted at Source (TDS) on Income [As per FORM 16A issued by Deductor(s)]

Sl. No.	TDS credit in the name of [TDS credit relating to self / other person as per rule 37BA(2)]	PAN of Other Person (if TDS credit related to other person)	Tax Deduction Account Number (TAN) of the Deductor	Unclaimed TDS brought forward (b/f)	TDS of current financial year (TDS deducted during the FY 2018-19)	TDS credit out of (6), (7) or (8) being claimed this Year (only if corresponding income is being offered for tax this year)	Corresponding Income offered		TDS credit out of (6), (7) or (8) being carried forward		
							Income	Head of Income			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
					Deducted in the hands of any other person as per rule 37BA(2) (if applicable)	Deducted in the hands of any other person as per rule 37BA(2) (if applicable)	Claimed in the hands of any other person as per rule 37BA(2) (if applicable)	Income	TDS	PAN of other person	Income from Business
1	Self		DELJ06582C		147782	147782	147782		5089989	Income from Business	0



Sl. No.	Self in name of TDS credit relating to self / other person as per rule 37BA(2)]	PAN of Other Person	PAN of the buyer/ Tenant	Unclaimed TDS brought forward (b/f) in which deducted	TDS of current financial year(TDS deducted during the FY 2018-19)	TDS credit out of (6), (7) or (8) being claimed this Year (only if corresponding income is being offered for tax this year)	Corresponding Income offered	TDS credit out of (6), (7) or (8) being carried forward	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
2	Self		DELPI 037IE		89531060	895101 20	4040483 770	20940	
3	Self		MUMS 86168F		2022197	20221 97	20220746	0	
4	Self		PTLPI1 522A		15069	12694	126936	2375	
5	Self		MUMS 89580B		432690	432690	4326790	0	
Total							92125483		

Note: Please enter total of column 8 of 15B1 and column 8 of 15B2 in 10b of Part B-TTI

TDS2

15 B2 - Details of Tax Deducted at Source (TDS) on Income [As per Form 16B/16C furnished issued by Deductor(s)]

Sl. No.	TDS credit in name of TDS credit relating to self / other person as per rule 37BA(2)]	PAN of Other Person	PAN of the buyer/ Tenant	Unclaimed TDS brought forward (b/f) in which deducted	TDS of current financial year(TDS deducted during the FY 2018-19)	TDS credit out of (6), (7) or (8) being claimed this Year (only if corresponding income is being offered for tax this year)	Corresponding Income offered		TDS credit out of (6), (7) or (8) being carried forward		
							Gross Amount	Head of Income			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
							Claimed in own hands (if applicable)	Claimed in the hands of any other person as per rule 37BA(2) (if applicable)			



Acknowledgement Number : 161364751130919

Assessment Year : 2019-20

Total

Note: Please enter total of column 8 of 15B1 and column 8 of 15B2 in 10b of Part B-TTI

TCS

15 C - Details of Tax Collected at Source (TCS) [As per Form 27D issued by the Collector(s)]

Sl.No.	Tax Deduction and Tax Collection Account Number of the Collector	Name of the Collector	Unclaimed TCS brought forward (b/f)		TCS of current financial year(TCS collected during the FY 2018-19)	Amount out of (5) or (6) being claimed this year (only if corresponding income is being offered for tax this year)	Amount out of (5) or (6) being carried forward
			Financial year in which Collected	Amount b/f			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	PTLM13229G	MINING OFFICER KINNAUR DISTT AT RECKONPEO			15713	15713	0
2	MUMT00054F	TATA MOTOR LI MITED			14900	14900	0
Total							30613

Note: Please enter total of column (7) in 10c of Part B-TTI

VERIFICATION

I, **PRASHANT JAIN**, son/ daughter of **SURENDRA KUMAR JAIN**, solemnly declare that to the best of my knowledge and belief, the information given in the return and the schedules thereto is correct and complete and is in accordance with the provisions of the Income-tax Act, 1961. I further declare that I am making this return in my capacity as **Director**, and I am also competent to make this return and verify it. I am holding permanent account number **ACNPJ6049F** (if allotted) (Please see instruction).

This form has been digitally signed by PRASHANT JAIN having PAN ACNPJ6049F from IP Address 203.109.118.130 on 13/09/2019 .	
DSC	details 30617621432792CN=Verasys
2014.2.5.4.51=#13294f6666696365204e6f2e2032312c20326e6420466c6f6f722c20426861766e61204275696c64696e67,STREET=V.S.	
Marg,ST=Maharashtra,2.5.4.17=#1306343030303235.OU=Certifying Authority,O=Verasys Technologies Pvt Ltd.,C=IN	
CA	CA



FORM NO. 3CA

[See rule 6G(1)(a)]

Audit report under section 44AB of the Income-tax Act, 1961 in a case where the accounts of the business or profession of a person have been audited under any other law

1. We report that the statutory audit of JSW Hydro Energy Ltd. Formerly Known as Himachal Baspa Power Co. Ltd. Sholtu Colony, P.O. Tapri., Kinnaur., HIMACHAL PRADESH., 172104 AADCH3821L was conducted by Us SHAH GUPTA & COMPANY in pursuance of the provisions of the Companies Act, 2013 Act, and We annex here to a copy of Our audit report dated 15/05/2019 along with a copy each of

- the audited Profit and loss account for the period beginning from 01/04/2018 to ending on 31/03/2019
- the audited balance sheet as at, 31/03/2019 ; and
- documents declared by the said act to be part of, or annexed to, the Profit and loss account and balance sheet.

2. The statement of particulars required to be furnished under section 44AB is annexed herewith in Form No. 3CD.

3. In Our opinion and to the best of Our information and according to examination of books of account including other relevant documents and explanations given to Us the particulars given in the said Form No. 3CD and the Annexure thereto are true and correct subject to the following observations/qualifications, if any.

Where any of the requirement in the Form is answered in the Negative or with qualification, give reasons therefor

Sl No.	Qualification Type	Observations/Qualifications
1	Others.	We refer to the remarks in Form No.3CD in respect of information furnished in clause 21(d) (A) and (B), clause 22, clause 31(a),(b),(c),(d) and (e) and 31 (ba),(bb),(bc) and (bd) which we were unable to verify as the necessary evidence is not in the possession of the Company.
2	Others.	We have relied on the representation made by the Company in connection with Clause 23 of Form No. 3CD payments made to specified persons.
3	Others.	Compliance with the provisions of Chapter XVII-B (Clause 34) have been verified in accordance with the auditing standards generally accepted in India that include test checks and the concept of materiality.
4	Others.	The company has not taken any loans and does not have any investments. Hence, the clause 36A of form No.3CD is not applicable for the previous year.
5	Others.	We have relied on management certification regarding declarations received in Form No.60 by the Company for filing Form No.61 including therein all the necessary particulars with respect to Clause 42 of Form No.3CD.

Place MUMBAI
Date 11/09/2019

Name VIPUL K CHOKSI
Membership Number 037606
FRN (Firm Registration Number) 109574W
Address

38, BOMBAY MUTUAL BUILDING, 2ND FLOOR, DR. D.N. ROAD, FORT, MUMBAI, MAHARASHTRA, 400001



FORM NO. 3CD
[See rule 6G(2)]

Statement of particulars required to be furnished under section 44AB of the Income-tax Act, 1961

1	Name of the assessee	JSW Hydro Energy Ltd. Formerly Known as Himachal Baspa Power Co. Ltd.		
2	Address	Sholtu Colony , P.O. Tapri , Kinnaur , HIMACHAL PRADESH , 172104		
3	Permanent Account Number (PAN)	AADCH3821L		
4	Whether the assessee is liable to pay indirect tax like excise duty, service tax, sales tax, goods and services tax, customs duty, etc. if yes, please furnish the registration number or GST number or any other identification number allotted for the same	Yes		
Sl No.	Type	Registration Number		
1	Sales TAX/VAT HIMACHAL PRADESH	02050300329		
2	Sales TAX/VAT HIMACHAL PRADESH	02050300369		
3	Service Tax HIMACHAL PRADESH	AADCH3821LSD002		
4	Goods and Services tax DELHI	07AADCH3821L1ZK		
5	Goods and Services tax MAHARASHTRA	27AADCH3821L1ZI		
6	Goods and Services tax HIMACHAL PRADESH	02AADCH3821L1ZU		
5	Status	Company		
6	Previous year from	01/04/2018 to 31/03/2019		
7	Assessment Year	2019-20		
8	Indicate the relevant clause of section 44AB under which the audit has been conducted	Relevant clause of section 44AB under which the audit has been conducted		
Sl No.	Relevant clause of section 44AB under which the audit has been conducted			
1	Clause 44AB(a)-Total sales/turnover/gross receipts of business exceeding specified limits			
9 a	If firm or Association of Persons, indicate names of partners/members and their profit sharing ratios. In case of AOP, whether shares of members are indeterminate or unknown ?			
S.No.	Name	Old profit sharing ratio	New profit Sharing Ratio	Profit Sharing Ratio (%)
Nil				
9 b	If there is any change in the partners or members or in their profit sharing ratio since the last date of the preceding year, the particulars of such change.			
S.No.	Date of change	Name of Partner/Member	Type of change	Remarks
10 a	Nature of business or profession (if more than one business or profession is carried on during the previous year, nature of every business or profession).			
S.No.	Sector	Sub Sector	Code	
1	ELECTRICITY, GAS AND WATER	Production, collection and distribution of electricity	05001	
10 b	If there is any change in the nature of business or profession, the particulars of such change			
S.No.	Business	Sector	SubSector	Code
Nil				
11 a	Whether books of accounts are prescribed under section 44AA, if yes, list of books so prescribed	Books prescribed		
S.No.	Books prescribed			
11 b	List of books of account maintained and the address at which the books of accounts are kept. (In case books of account are maintained in a computer system, mention the books of account generated by such computer system. If the books of accounts are not kept at one location, please furnish the addresses of locations along with the details of books of accounts maintained at each location.) Same as 11(a) above			
S.No.	Books maintained	Address Line 1	Address Line 2	City or Town or District
1	Cash Book	Sholtu colony	P O Tapri	Kinnaur
2	Bank Book	Sholtu colony	P O Tapri	Kinnaur
3	Journal	Sholtu colony	P O Tapri	Kinnaur
				State
				PinCode
				HIMACHAL PRADESH
				172104
				HIMACHAL PRADESH
				172104
				HIMACHAL PRADESH
				172104



4	General Ledger	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
5	Debtor's Ledger	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
6	Creditor's Ledger	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
7	Debit Note Register	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
8	Credit Note Register	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
9	Advances Ledger	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
10	Payroll Register	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
11	Stock ledger for Stores and Spares	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
12	Fixed Assets Register	Sholtu colony	P O Tapri	Kinnaur	HIMACH AL PRAD ESH	172104
11 c	List of books of account and nature of relevant documents examined. Same as 11(b) above					
	Books Examined					
	Cash Book					
	Bank Book					
	Journal					
	General Ledger					
	Debtor's Ledger					
	Creditor's Ledger					
	Debit Note Register					
	Credit Note Register					
	Employee's Loan & Advances Ledger					
	Payroll Register					
	Stock ledger for Stores and Spares					
	Fixed Assets Register					
	Other Relevant Documents					
12	Whether the profit and loss account includes any profits and gains assessable on presumptive basis, if yes, indicate the amount and the relevant section (44AD, 44ADA, 44AE, 44AF, 44B, 44BB, 44BBA, 44BBB, 44BBB, Chapter XII-G, First Schedule or any other relevant section). No					
	S.No.	Section			Amount	
	Nil					
13 a	Method of accounting employed in the previous year		Mercantile system			
13 b	Whether there has been any change in the method of accounting employed vis-a-vis the method employed in the immediately preceding previous year. No					
13 c	If answer to (b) above is in the affirmative, give details of such change, and the effect thereof on the profit or loss.					
	Particulars		Increase in profit(Rs.)		Decrease in profit(Rs.)	
13 d	Whether any adjustment is required to be made to the profits or loss for complying with the provisions of income computation and disclosure standards notified under section 145(2). Yes					
13 e	If answer to (d) above is in the affirmative, give details of such adjustments.					
	S.No.	ICDS	Increase in profit(Rs.)	Decrease in profit(Rs.)	Net effect(Rs.)	
	1	ICDS I - Accounting Policies	0	0	0	
	2	ICDS II - Valuation of Inventories	0	0	0	
	3	ICDS III - Construction Contracts	0	0	0	
	4	ICDS IV - Revenue Recognition	441338291	0	441338291	
	5	ICDS V - Tangible Fixed Assets	1097743910	0	1097743910	
	6	ICDS VI - Changes in Foreign Exchange Rates	0	0	0	
	7	ICDS VII - Governments Grants	0	0	0	
	8	ICDS VIII - Securities	0	0	0	
	9	ICDS IX - Borrowing Costs	12046750	0	12046750	
		Total	1551128951	0	1551128951	



13 f	Disclosure as per ICDS.	Disclosure
S.No.	ICDS	
1	ICDS I - Accounting Policies	- Refer Significant Accounting Policies mentioned at Note 3 of the Financial Statements.- There is no change in Accounting Policies during the previous year.
2	ICDS II - Valuation of Inventories	Not applicable
3	ICDS III - Construction Contracts	Not applicable
4	ICDS IV - Revenue Recognition	- Refer Note 3.9 of the Ind AS Financial Statements for Significant Policy on Revenue Recognition.
5		Sr. No.
6		1 In a transaction involving sale of good, total amount not recognised as revenue during the previous year due to lack of reasonable certainty of its ultimate collection along with nature of uncertainty; - Interest or Surcharge on delayed payments or overdue trade receivables is recognised when significant certainty as to measurability or realisability exists.
7		2 the amount of revenue from service transactions recognised as revenue during the previous year - NIL
8		3 the method used to determine the stage of completion of service transactions in progress ; and- N.A
9		4 for service transactions in progress at the end of previous year:
10		(i) amount of costs incurred and recognised profits (less recognised losses) upto end of previous year; - NA
11		(ii) the amount of advances received; and - NA
12		(iii) the amount of retentions - NA
13	ICDS V - Tangible Fixed Assets	- Refer Clause 18 of 3CD and Significant Accounting Policies mentioned at Note 3.3 of the Ind AS Financial Statements
14	ICDS VII - Governments Grants	Not applicable
15	ICDS X - Provisions, Contingent Liabilities and Contingent Assets	- Refer Significant Accounting Policies mentioned at Note 3.7 of the Ind AS Financial Statements - Amount of borrowing cost capitalised during the previous year - Rs. Nil
16		- Refer Significant Accounting Policies mentioned at Note 3.15 of the Ind AS Financial Statements
17		- The Company has not recognised any contingent liability or contingent asset in respect of contingent Income or contingent expense during The previous year.- Disclosure in respect of each class of provision :
18		Provision for gratuity (Refer Annexure 9 of Annexures to Form 3CD)
19		Opening balance - 9174553
20		Addition during the year - 15582675
21		Paid during the year -279095
22		Closing balance - 24478133
23		Provision for leave encashment (Refer Annexure 9 of Annexures to Form 3CD)
24		Opening balance - 17224687
25		Addition during the year - 4979455
26		Paid during the year - 885228
27		Closing balance - 21318914
28		ESOP Option Outstanding*
29		Opening balance - 1949712
30		Addition during the year - 1613297
31		Paid during the year - 1079773
32		Closing balance - 2483236
33		* In view of management, provision for ESOP is allowable based on various judicial pronouncements.
34		The Company has not recognised any contingent asset in respect of contingent income during the previous year.
14 a	Method of valuation of closing stock employed in the previous year.	Not applicable
14 b	In case of deviation from the method of valuation prescribed under section 145A, and the effect thereof on the profit or loss, please furnish:	No
	Particulars	Increase in profit(Rs.)
15	Give the following particulars of the capital asset converted into stock-in-trade	Decrease in profit(Rs.)
S.No.	(a) Description of capital asset	(b) Date of acquisition
		(c) Cost of acquisition
		(d) Amount at which the asset



		is converted into stock-in trade
Nil		
16 Amounts not credited to the profit and loss account, being:-		
16 a The items falling within the scope of section 28		
S.No.	Description	Amount
Nil		
16 b The proforma credits, drawbacks, refunds of duty of customs or excise or service tax or refunds of sales tax or value added tax or Goods and Services Tax, where such credits, drawbacks or refunds are admitted as due by the authorities concerned		
S.No.	Description	Amount
16 c Escalation claims accepted during the previous year		
S.No.	Description	Amount
Nil		
16 d Any other item of income		
S.No.	Description	Amount
Nil		
16 e Capital receipt, if any		
S.No.	Description	Amount
Nil		

17 Where any land or building or both is transferred during the previous year for a consideration less than value adopted or assessed or assessable by any authority of a State Government referred to in section 43CA or 50C, please furnish:

S.No.	Details of property	Address Line 1	Address Line 2	City/Town/District	State	Pincode	Consideration Value received or accrued or assessed or assessable
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18 Particulars of depreciation allowable as per the Income Tax Act, 1961 in respect of each asset or block of assets, as the case may be, in the following form:-

S.No.	Description	Rate of Opening Block of Assets/ Class of Assets	Rate of depreciation (In Actual/Percent/age)	WDV / Value (A)	Additions				Deductions (C)	Depreciation Allowable (D)	Written Down Value at the end of the year (A+B-C-D)
					Purchase Value (1)	CENT VAT (2)	Change in Rate of Ex-change (3)	Subsidy/Grant (4)			
1	Plant and Machinery in generating stations including plant foundations @ 3.4%	1637033 7570	3.4%							619809238	1575052833 2
2	Cooling towers and circulating water systems @ 7.84%	1703477 21	7.84%							17462423	152885298
3	Hydraulic works forming part of Hydro-electric system @ 1.95%	2236789 3973	1.95%							463275552	2190461842 1
4	Hydraulic works forming part of Hydro-electric system @ 3.4%	3008618 3066	3.4%							1139120516	2894706255 0
5	Transformer	1442517 325	8.1%							147118646	1295398679



(Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%	2492842 5						2554701	22373724
6 Transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%	3859788 041						395668647	3464119394
7 Switchgear including cable connections @ 7.84%	6092864						624582	5468282
8 Lightning arrester @ 7.84%	1158923 451						72544561	1086378890
9 Overhead lines @ 5.27%	9019318						1867024	7152294
10 Meters @ 12.77%	9663171						2000303	7662868
11 Air-conditioning plants @ 12.77%	822959						170354	652605
12 Communication equipment @ 12.77%	6350455 50						21335444	622011303
13 Building and civil engineering works of permanent character @ 3.02%	8301197						8301197	
14 Office furniture and fittings @ 12.77%	8630084 2228176						1535504	9322756
15 Office equipments @ 12.77%	4121792 3						1788705	34951320
16 Any other assets not covered above @ 7.69%	3331605 044						8228805	3007565660

* For Addition and Deduction Details refer Addition and Deduction Detail Tables At the End of the Page

19 Amounts admissible under sections :

S.No.	Section	Amount debited to profit and loss account	Amounts admissible as per the provisions of the Income-tax Act, 1961 and also fulfils the conditions, if any specified under the relevant provisions of Income-tax Act, 1961 or Income-tax
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Rules, 1962 or any other guidelines, circular, etc., issued in this behalf.

Nil

20 a Any sum paid to an employee as bonus or commission for services rendered, where such sum was otherwise payable to him as profits or dividend. [Section 36(1)(ii)]

S.No.	Description	Amount	
20 b	Details of contributions received from employees for various funds as referred to in section 36(1)(va):		
S.No.	Nature of fund	The actual amount paid	The actual date of payment to the concerned authorities
1	Provident Fund	1213727	15/05/2018
2	Provident Fund	374768	15/05/2018
3	Provident Fund	1202608	15/06/2018
4	Provident Fund	327823	15/06/2018
5	Provident Fund	1196725	15/07/2018
6	Provident Fund	315879	15/07/2018
7	Provident Fund	1180210	15/08/2018
8	Provident Fund	320259	15/08/2018
9	Provident Fund	2529591	15/09/2018
10	Provident Fund	336811	15/09/2018
11	Provident Fund	1396717	15/10/2018
12	Provident Fund	301760	15/10/2018
13	Provident Fund	1385298	15/11/2018
14	Provident Fund	310726	15/11/2018
15	Provident Fund	1371981	15/12/2018
16	Provident Fund	355276	15/12/2018
17	Provident Fund	1374756	15/01/2019
18	Provident Fund	340786	15/01/2019
19	Provident Fund	1371829	15/02/2019
20	Provident Fund	328432	15/02/2019
21	Provident Fund	1358185	15/03/2019
22	Provident Fund	358882	15/03/2019
23	Provident Fund	1499535	15/04/2019
24	Provident Fund	382868	15/04/2019

21 a Please furnish the details of amounts debited to the profit and loss account, being in the nature of capital, personal, advertisement expenditure etc

Capital expenditure		Amount in Rs.
S.No.	Particulars	Amount in Rs.
	Personal expenditure	
S.No.	Particulars	Amount in Rs.
	Advertisement expenditure in any souvenir, brochure, tract, pamphlet or the like published by a political party	
S.No.	Particulars	Amount in Rs.
	Expenditure incurred at clubs being entrance fees and subscriptions	
S.No.	Particulars	Amount in Rs.
	Expenditure incurred at clubs being cost for club services and facilities used.	
S.No.	Particulars	Amount in Rs.
	Expenditure by way of penalty or fine for violation of any law for the time being force	
S.No.	Particulars	Amount in Rs.
	Expenditure by way of any other penalty or fine not covered above	
S.No.	Particulars	Amount in Rs.
	Expenditure incurred for any purpose which is an offence or which is prohibited by law	
S.No.	Particulars	Amount in Rs.

(b) Amounts inadmissible under section 40(a):-

(i) as payment to non-resident referred to in sub-clause (i)

(A) Details of payment on which tax is not deducted:

S.No.	Date of payment	Amount of payment	Nature of payment	Name of payee	of the PAN the payee, if available	Address Line 1	Address Line 2	City or Town or District	Pincode
(B) Details of payment on which tax has been deducted but has not been paid during the previous year or in the subsequent year before the expiry of time prescribed under section 200(1)									



S.No.	Date of payment	Amount of payment	Nature of payment	Name of the payee	PAN of the payee, if available	Address Line 1	Address Line 2	City or Town or District	Pincode	Amount of tax deducted
(ii) as payment referred to in sub-clause (ia)										
(A) Details of payment on which tax is not deducted:										
S.No.	Date of payment of payment	Amount of payment	Nature of payment	Name of the payee	PAN of the payee, if available	Address Line 1	Address Line 2	City or Town or District	Pincode	Amount of tax deducted
(B) Details of payment on which tax has been deducted but has not been paid on or before the due date specified in sub-section (1) of section 139.										
S.No.	Date of payment of payment	Amount of payment	Nature of payment	Name of the payer	PAN of the payee, if available	Address Line 1	Address Line 2	City or Town or District	Pincode	Amount of tax of deducted deposited, if any
(iii) as payment referred to in sub-clause (ib)										
(A) Details of payment on which levy is not deducted:										
S.No.	Date of payment of payment	Amount of payment	Nature of payment	Name of the payee	PAN of the payee, if available	Address Line 1	Address Line 2	City or Town or District	Pincode	Amount of tax of deducted deposited, if any
(B) Details of payment on which levy has been deducted but has not been paid on or before the due date specified in sub-section (1) of section 139.										
S.No.	Date of payment of payment	Amount of payment	Nature of payment	Name of the payer	PAN of the payee, if available	Address Line 1	Address Line 2	City or Town or District	Pincode	Amount of tax of deducted deposited, if any
(iv) fringe benefit tax under sub-clause (ic)										
(v) wealth tax under sub-clause (iia)										
(vi) royalty, license fee, service fee etc. under sub-clause (iib).										
(vii) salary payable outside India/to a non resident without TDS etc. under sub-clause (iii).										
S.No.	Date of payment	Amount of payment	Name of the payee	PAN of the payee, if available	Address Line 1	Address Line 2	City	Pincode		
(viii) payment to PF /other fund etc. under sub-clause (iv)										
(ix) tax paid by employer for perquisites under sub-clause (v)										
(c) Amounts debited to profit and loss account being, interest, salary, bonus, commission or remuneration inadmissible under section 40(b)/40(ba) and computation thereof;										
S.No.	Particulars	Section	Amount debited to P/L A/C	Amount Admissible	Amount Inadmissible	Remarks				
(d) Disallowance/deemed income under section 40A(3):										
(A) On the basis of the examination of books of account and other relevant documents/evidence, whether the expenditure covered under section 40A(3) read with rule 6DD were made by account payee cheque drawn on a bank or account payee bank draft. If not, please furnish the details: Yes										
S.No.	Date Of Payment	Nature Payment	Of Amount in Rs	Name of the payee	Permanent Number of the payee, if available	Account				
(B) On the basis of the examination of books of account and other relevant documents/evidence, whether the payment referred to in section 40A(3A) read with rule 6DD were made by account payee cheque drawn on a bank or account payee bank draft. If not, please furnish the details of amount deemed to be the profits and gains of business or profession under section 40A(3A) Yes										
S.No.	Date Of Payment	Nature Payment	Of Amount in Rs	Name of the payee	Permanent Number of the payee, if available	Account				
(e) Provision for payment of gratuity not allowable under section 40A(7)										
(f) Any sum paid by the assessee as an employer not allowable under section 40A(9)										
(g) Particulars of any liability of a contingent nature										
S.No.	Nature Of Liability	Amount in Rs.								
(h) Amount of deduction inadmissible in terms of section 14A in respect of the expenditure incurred in relation to income which does not form part of the total income										
S.No.	Nature Of Liability	Amount in Rs.								
(i) Amount inadmissible under the proviso to section 36(1)(iii)										



22	Amount of interest inadmissible under section 23 of the Micro, Small and Medium Enterprises Development Act, 2006				0
23	Particulars of any payment made to persons specified under section 40A(2)(b).				
S.No.	Name of Person	Related PAN of Related Person	Relation	Nature of transaction	Payment Made(Amount)
1	JSW ENERGY LIMITE D	AAACJ8109N	HOLDING COMPANY	Interest on Debentures at 13 percent	721818767
2	JSW ENERGY LIMITE D	AAACJ8109N	HOLDING COMPANY	Reimbursement of Expenses	29713142
3	JSW POWER TRADING COMPANY LIMITE D (FORMERLY KNOWN AS JSW GREEN ENERGY LIMITED)	AABCJ5740L	FELLOW SUBSIDIARY	Open access & Other expenses	164990
4	MS. SHEILA SANGWAN	ABDPS3200Q	DIRECTOR	Directors Sitting Fees	330400
5	MR. RAKESH NATH	AAAPN0619A	DIRECTOR	Directors Sitting Fees	283200
6	MS. SEEMA JAJODIA	ACJPJ6249H	DIRECTOR	Directors Sitting Fees	35400
7	MR. CHANDAN BHATTACHARYA	ADZPB9238K	DIRECTOR	Directors Sitting Fees	259600
8	MR. NIRMAL KUMAR JAIN	ADPPJ9711M	DIRECTOR	Directors Sitting Fees	259600
9	MS. SHAILAJA CHANDRA	AACPC1826A	DIRECTOR	Directors Sitting Fees	200600
24	Amounts deemed to be profits and gains under section 32AC or 32AD or 33AB or 33ABA or 33AC.				
S.No.	Section	Description	Amount		
Nil					
25	Any amount of profit chargeable to tax under section 41 and computation thereof.				
S.No.	Name of Person	Amount of income	Section	Description of Transaction	Computation if any
1	Excess Provision Written Back	44549116	Sec 41(1)(a)	Excess provision no longer required written back	-
26 (i)*	In respect of any sum referred to in clause (a), (b), (c), (d), (e), (f) or (g) of section 43B, the liability for which:-				
26 (i)A	pre-existed on the first day of the previous year but was not allowed in the assessment of any preceding previous year and was :-				
26 (i)(A)(a)	Paid during the previous year				
S.No.	Section	Nature of liability			Amount
1	Sec 43B(b)-provident,superannuation,gratuity,other fund	Gratuity			0
2	Sec 43B(b)-provident,superannuation,gratuity,other fund	Leave encashment			794383
26 (i)(A)(b)	Not paid during the previous year				
S.No.	Section	Nature of liability			Amount
3	Sec 43B(b)-provident,superannuation,gratuity,other fund	Gratuity			8895454
4	Sec 43B(b)-provident,superannuation,gratuity,other fund	Leave Encashment			16430304
26 (i)B	was incurred in the previous year and was				
26 (i)(B)(a)	Paid on or before the due date for furnishing the return of income of the previous year under section 139(1)				
S.No.	Section	Nature of liability			Amount
5	Sec 43B(a)-Tax,Duty,Cess,Fee etc	GST			4870336
6	Sec 43B(b)-provident,superannuation,gratuity,other fund	Employers contribution to any fund : Provident fund			1504367
7	Sec 43B(f)-leave encashment	Leave encashment			171571
26 (i)(B)(b)	not paid on or before the aforesaid date				
S.No.	Section	Nature of liability			Amount
8	Sec 43B(b)-provident,superannuation,gratuity,other fund	Leave Encashment			4807884
9	Sec 43B(b)-provident,superannuation,gratuity,other fund	Gratuity			15582679
(State whether sales tax,goods and services Tax, No customs duty, excise duty or any other indirect tax,levy,cess,impost etc.is passed through the profits and loss account.)					



27 a	Amount of Central Value Added Tax Credit(ITC) availed of or utilised during the previous year and its treatment in profit and loss account and treatment of outstanding Central Value Added Tax Credits/ Input Tax Credit(ITC) in accounts		No										
	CENVAT/ITC	Amount	Treatment in Profit and Loss/Accounts										
	Opening Balance												
	Credit Availed												
	Credit Utilized												
	Closing/Outstanding Balance												
27 b	Particulars of income or expenditure of prior period credited or debited to the profit and loss account :-												
	S.No.	Type	Particulars	Amount	Prior period to which it relates (Year in yyyy-yy format)								
	Nil												
28	Whether during the previous year the assessee has received any property, being share of a company not being a company in which the public are substantially interested, without consideration or for inadequate consideration as referred to in section 56(2)(viiia)					No							
	S.No.	Name of the person from which shares received	Name of the company if shares received	No. of Shares Received	Amount of consideration paid	Fair value of shares	Market value of the shares						
	Nil												
29	Whether during the previous year the assessee received any consideration for issue of shares which exceeds the fair market value of the shares as referred to in section 56(2)(viib). If yes, please furnish the details of the same							No					
	S.No.	Name of the person from whom shares received	Address Line 1	Address Line 2	City or Town or District	Pin code	Date	Amount borrowed	Amount due including interest	Amount repaid	Date of Repayment		
	Nil												
A(a)	Whether any amount is to be included as income chargeable under the head 'income from other sources' as referred to in clause (ix) of sub-section (2) of section 56?												No
A(b)	If yes, please furnish the following details:												
	S.No.	Nature of income:	Amount (in Rs.)										
B(a)	Whether any amount is to be included as income chargeable under the head 'income from other sources' as referred to in clause (x) of sub-section (2) of section 56												No
B(b)	If yes, please furnish the following details:												
	S.No.	Nature of income:	Amount (in Rs.)										
30	Details of any amount borrowed on hundi or any amount due thereon (including interest on the amount borrowed) repaid, otherwise than through an account payee cheque, (Section 69D)												No
	S.No.	Name of PAN of the person, from whom amount borrowed or repaid on hundi	Address Line 1	Address Line 2	City or Town or District	Pin code	Date	Amount borrowed	Amount due including interest	Amount repaid	Date of Repayment		
	Nil												
A(a)	Whether primary adjustment to transfer price, as referred to in sub-section (1) of section 92CE, has been made during the previous year.												No
A(b)	If yes, please furnish the following details:												
	S.No.	Under clause section 92CE primary adjustment made	Amount (in Rs.) of primary adjustment	Whether the excess money available with the associated enterprise required to be repatriated to India as per the provisions of sub-section (2) of section 92CE.	If yes, whether the money has been repatriated within the prescribed time.	If no, the amount (in Rs.) of imputed interest on such excess income which has not been repatriated within the prescribed time.	Expected date of repatriation of money						



B(a)	Whether the assessee has incurred expenditure during the previous year by way of interest or of similar nature exceeding one crore rupees as referred to in sub-section (1) of section 94B			No
B(b)	If yes, please furnish the following details:			
	S.No.	Amount (in Rs.) of expenditure by way of interest or of similar nature as per (i) above which exceeds 30% of EBITDA as per (ii) above.	Details of expenditure brought forward as per sub-section (4) of section 94B.	Details of interest expenditure forward as per sub-section (4) of section 94B:
		Earnings before tax, of depreciation and amortization (EBITDA) during the previous year (in Rs.)	Assessment Year	Assessment Year
		Amount (in Rs.) of interest carried		Amount (in Rs.)
Nil				
C(a)	Whether the assessee has entered into an impermissible avoidance arrangement, as referred to in section 96, during the previous year. (This Clause is kept in abeyance till 31st March, 2020)			
C(b)	If yes, please furnish the following details:			
	S.No.	Nature of the impermissible avoidance arrangement	Amount (in Rs.) of tax benefit in the previous year arising, in aggregate, to all the parties to the arrangement	
31 a	Particulars of each loan or deposit in an amount exceeding the limit specified in section 269SS taken or accepted during the previous year :-			
	S.No.	Name of the lender or depositor	Address of the lender or depositor	Permanent Account Number (if available with the assessee) of the lender or the depositor
				Amount of loan or deposit taken or accepted during the previous year
				Whether the loan or deposit was squared up during the previous year
				Maximum outstanding in the account at any time during the previous year
				Whether the loan or deposit was taken or accepted by cheque or bank draft or use of electronic clearing system through a bank account.
				In case the loan or deposit was taken or accepted by cheque or bank draft, whether the use of electronic clearing system through a bank account or an account payee bank draft.
Nil				
31 b	Particulars of each specified sum in an amount exceeding the limit specified in section 269SS taken or accepted during the previous year:-			
	S.No.	Name of the person from whom specified sum is received	Address of the person from whom specified sum is received	Permanent Account Number (if available with the assessee) of the person from whom specified sum is received
				Amount of specified sum taken or accepted
				Whether the specified sum was taken or accepted by cheque or bank draft or use of electronic clearing system through a bank account
				In case the specified sum was taken or accepted by cheque or bank draft, whether the use of electronic clearing system through a bank account or an account payee bank draft.
Nil				
(Particulars at (a) and (b) need not be given in the case of a Government company, a banking company or a corporation established by a Central, State or Provincial Act.)				
31 b(a)	Particulars of each receipt in an amount exceeding the limit specified in section 269ST, in aggregate from a person in a day or in respect of a single transaction or in respect of transactions relating to one event or occasion from a person, during the previous year, where such receipt is otherwise than by a cheque or bank draft or use of electronic clearing system through a bank account :-			
	S.No.	Name of the Payer	Address of the payer	Permanent Account Number (if available with the assessee) of the Payer
				Nature of transaction
				Amount of Receipt
				Date of receipt
31 b(b)	Particulars of each receipt in an amount exceeding the limit specified in section 269ST, in aggregate from a person in a day or in respect of a single transaction or in respect of transactions relating to one event or occasion from a person, received by a cheque or bank draft, not being an account payee cheque or an account payee bank draft, during the previous year :-			



S.No.	Name of the Payer	Address of the payer	Permanent Number (if available with the assessee) of the Payer	Amount of Receipt
31 b(c)	Particulars of each payment made in an amount exceeding the limit specified in section 269ST, in aggregate to a person in a day or in respect of a single transaction or in respect of transactions relating to one event or occasion to a person, otherwise than by a cheque or bank draft or use of electronic clearing system through a bank account during the previous year :-			
S.No.	Name of the Payee	Address of the payee	Permanent Account Number (if transaction available with the assessee) of the Payee	Amount of Payment
31 b(d)	Particulars of each payment in an amount exceeding the limit specified in section 269ST, in aggregate to a person in a day or in respect of a single transaction or in respect of transactions relating to one event or occasion to a person, made by a cheque or bank draft, not being an account payee cheque or an account payee bank draft, during the previous year :-			
S.No.	Name of the Payee	Address of the payee	Permanent Account Number (if available with the assessee) of the Payee	Amount of Payment
(Particulars at (ba), (bb), (bc) and (bd) need not be given in the case of receipt by or payment to a Government company, a banking Company, a post office savings bank, a cooperative bank or in the case of transactions referred to in section 269SS or in the case of persons referred to in Notification No. S.O. 2065(E) dated 3rd July, 2017)				
31 c	Particulars of each repayment of loan or deposit or any specified advance in an amount exceeding the limit specified in section 269T made during the previous year:—			
S.No.	Name of the payee	Address of the payee	Permanent Account Number (if repayment available with the assessee) of the payee	Maximum amount outstanding in the account by cheque or bank draft, whether the same was repaid by an account payee cheque or draft or use of electronic clearing system through a bank account.
Nil				
31 d	Particulars of repayment of loan or deposit or any specified advance in an amount exceeding the limit specified in section 269T received otherwise than by a cheque or bank draft or use of electronic clearing system through a bank account during the previous year:—			
S.No.	Name of the payer	Address of the payer	Permanent Account Number (if available with the assessee) of the payer	Amount of repayment of loan or deposit or any specified advance received otherwise than by a cheque or bank draft or use of electronic clearing system through a bank account during the previous year
Nil				
31 e	Particulars of repayment of loan or deposit or any specified advance in an amount exceeding the limit specified in section 269T received by a cheque or bank draft which is not an account payee cheque or account payee bank draft during the previous year:—			
S.No.	Name of the payer	Address of the payer	Permanent Account Number (if available with the assessee) of the payer	Amount of repayment of loan or deposit or any specified advance received by a cheque or bank draft which is not an account payee cheque or account payee bank draft during the previous year.
Nil				
Note: (Particulars at (c), (d) and (e) need not be given in the case of a repayment of any loan or any deposit or specified advance taken or accepted from Government, Government company, banking company or a corporation established by a Central, State or Provincial Act)				
32 a	Details of brought forward loss or depreciation allowance, in the following manner, to extent available			



S.No.	Assessment Year	Nature of loss/allowance	Amount as assessed (give reference to relevant order)		Remarks				
			Amount as returned	Amount U/S and Date assessed					
			Nil						
32 b			Whether a change in shareholding of the company has taken place in the previous year due to which the losses incurred prior to the previous year cannot be allowed to be carried forward in terms of section 79.		No				
32 c			Whether the assessee has incurred any speculation loss referred to in section 73 during the previous year.		No				
			If yes, please furnish the details below						
32 d			Whether the assessee has incurred any loss referred to in section 73A in respect of any specified business during the previous year		No				
			If yes, please furnish details of the same						
32 e			In case of a company, please state that whether the company is deemed to be carrying on a speculation business as referred in explanation to section 73		No				
			If yes, please furnish the details of speculation loss if any incurred during the previous year						
33	Section-wise details of deductions, if any admissible under Chapter VIA or Chapter III (Section 10A, Section 10AA) Yes								
	S.No.	Section	Amount						
	1	80IA	1074556973						
34 a	Whether the assessee is required to deduct or collect tax as per the provisions of Chapter XVII-B or Chapter XVII-BB, if yes please furnish								
	S.No.	Tax deduction and collection Account Number (TAN)	Section	Nature of payment	Total amount of payment or receipt of nature specified in column or (3)	Total amount on which tax was required to be deducted or collected at specified rate out of (4)	Total amount on which tax was deducted or collected out of (6)	Amount of tax deducted or collected on (8)	Amount of tax deducted or collected not deposited to the credit of the Central Government out of (6) and (8)
	1	PTLH129 73C	192	Salary	406122336	285699635	285699635	28289737	0
	2	PTLH129 73C	194J	Technical Service	60187151	60187151	60187151	4656231	0
	3	PTLH129 73C	194C	Service	40398574 42	40398574 42	40398574 42	78832305	0
	4	PTLH129 73C	194-I	Rent	44734195	8299980	8299980	804682	0
	5	PTLH129 73C	194A	Interest	60187568 88	728427917	728427917	72842802	0
	6	PTLH129 73C	195	Foreign C	0	0	0	0	0
	7	PTLH129 73C	206C	TCS	4469369	4469369	4469369	44693	0
34 b	Whether the assessee is required to furnish the statement of tax deducted or tax collected. If yes, Please furnish the details:								
	S.No.	Tax deduction and collection Account Number (TAN)	Type of Form	Due date for furnishing	Date of furnishing, if furnished	Total amount of tax deducted or collected	Whether the statement of tax deducted or collected contains information about all details/transactions which are required to be reported	If not, please furnish list of details/ transactions which are not reported	
	1	PTLH12973C	26Q	31/07/2018	12/07/2018	285699635	Yes		
	2	PTLH12973C	27EQ	31/07/2018	12/07/2018	4656231	Yes		
	3	PTLH12973C	24Q	31/07/2018	31/07/2018	78832305	Yes		
	4	PTLH12973C	24Q	31/10/2018	17/10/2018	804682	Yes		
	5	PTLH12973C	26Q	31/10/2018	17/10/2018	72842802	Yes		
	6	PTLH12973C	26Q	31/01/2019	10/01/2019	44693	Yes		
	7	PTLH12973C	27EQ	31/01/2019	08/01/2019	44693	Yes		



8	PTLH12973C	24Q	31/01/2019	11/01/2019	Yes	
9	PTLH12973C	26Q	31/05/2019	10/05/2019	Yes	
10	PTLH12973C	24Q	31/05/2019	31/05/2019	Yes	
34 c	Whether the assessee is liable to pay interest under section 201(1A) or section 206C(7). If yes, please furnish Yes					
S.No. Tax deduction and collection Account Number (TAN)						
Amount of interest under section 201(1A)/206C(7) is Amount						
payable						
1	PTLH12973C		69520	18/07/2018	Dates of payment	
2	PTLH12973C		20	26/11/2018		
35 a	In the case of a trading concern, give quantitative details of principal items of goods traded					
S.No. Item Name Unit Opening stock Purchases during the previous year Closing stock Shortage, excess, if any						
Nil						
35 b	In the case of a manufacturing concern, give quantitative details of the principal items of raw materials, finished products and by-products :-					
35 bA	Raw materials :					
S.No. Item Name Unit Opening stock Purchases during the previous year Consumpti- Sales during the previous year Closing stock *Yield of finished products *Percent- Shortage, excess, if any						
Nil						
35 bB	Finished products :					
S.No. Item Name Unit Opening stock Purchases during the previous year Quantity manufactured during the previous year Sales during the previous year Closing stock Shortage, excess, if any						
1	Electrical Energy in MUs			5244	4579	
35 bC	By products :					
S.No. Item Name Unit Opening stock Purchases during the previous year Quantity manufactured during the previous year Sales during the previous year Closing stock Shortage, excess, if any						
Nil						
36	In the case of a domestic company, details of tax on distributed profits under section 115-O in the following forms :-					
S.No. (a) Total amount of distributed profits (b) Amount of reduction as referred to in section 115-O(i) (c) Amount of reduction as referred to in section 115-O(ii) (d) Total tax paid (e) Date of Payment with Amounts						
of distributed profits referred to in section 115-O(i)						
as referred to in section 115-O(ii)						
Amount						
Dates of payment						
Nil						
A(a)	Whether the assessee has received any amount in the nature of dividend as referred to in sub-clause (e) of clause (22) of section 2					
A(b)	If yes, please furnish the following details:					
S.No. Amount received (in Rs.) Date of receipt						
37	Whether any cost audit was carried out					
If yes, give the details, if any, of disqualification or disagreement on any matter/item/value/quantity as may be reported/identified by the cost auditor						
No-N						
38	Whether any audit was conducted under the Central Excise Act, 1944					
If yes, give the details, if any, of disqualification or disagreement on any matter/item/value/quantity as may be reported/identified by the auditor						
No						
39	Whether any audit was conducted under section 72A of the Finance Act, 1994 in relation to valuation of taxable services as may be reported/identified by the auditor					
No						



If yes, give the details, if any, of disqualification or disagreement on any matter/item/value/quantity as may be reported/identified by the auditor						
40 Details regarding turnover, gross profit, etc., for the previous year and preceding previous year:						
No Particulars		Preceding previous Year				
a	Total turnover of the assessee	12439679934	14009323401			
b	Gross profit / Turnover	%	%			
c	Net profit / Turnover	586725692 12439679934 4.72 %	2835210203 14009323401 20.24 %			
d	Stock-in-Trade / Turnover	%	%			
e	Material consumed/ Finished goods produced	%	%			
(The details required to be furnished for principal items of goods traded or manufactured or services rendered)						
41 Please furnish the details of demand raised or refund issued during the previous year under any tax laws other than Income-tax Act, 1961 and Wealth tax Act, 1957 alongwith details of relevant proceedings						
S.No.	Financial year to which demand/ refund relates to	Name of other Tax raised/Refund received)	(Demand raised/refund received) Amount	Remarks		
Nil						
42 A(a) Whether the assessee is required to furnish statement in Form No.61 or Form No. 61A or Form No. 61B? No						
A(b) If yes, please furnish the following details:						
S.No.	Income-tax Department Reporting Entity Identification Number	Type of Form	Due date of furnishing if furnished	Date of furnishing, whether the information contains all details/ transactions which are required to be reported	If not, please furnish list of the details/ transactions which are not reported	
43 A(a) Whether the assessee or its parent entity or alternate reporting entity is liable to furnish the report as referred to in sub-section (2) of section 286						
A(b) If yes, please furnish the following details:						
S.No.	Whether report has been furnished by the assessee or its parent entity or an alternate reporting entity	Name of parent entity	Name of alternate reporting entity (if applicable)	Date of report		
1	Parent entity	JSW Energy Limited		29/03/2019		
44 A(c) If Not due , please enter expected date of furnishing the report						
Break-up of total expenditure of entities registered or not registered under the GST:(This Clause is kept in abeyance till 31st March, 2020)						
S.No.	Total amount of Expenditure incurred during the year	Expenditure in respect of entities registered under GST	Relating to goods or services exempt from GST	Relating to entities falling under composition scheme	Total payment to registered entities	Expenditure relating to entities not registered under GST

Place **MUMBAI**
Date **11/09/2019**

Name **VIPUL K CHOKSI**
Membership Number **037606**
FRN (Firm Registration Number) **109574W**
Address

**38, BOMBAY MUTUAL BUILDING . 2N
D FLOOR, DR. D.N. ROAD , FORT , MU
MBAI , MAHARASHTRA , 400001.**



Form Filing Details	Original
Revision/Original	

Addition Details (From Point No. 18)							
Description of Block of Assets	Sl.No.	Date of Purchase	Date of use	Amount put to use	Adjustment on account of		Total Amount
					MODVAT	Exchange Rate Change	
Plant and Machinery in generating stations including plant foundations @ 3.4%							
Total of Plant and Machinery in generating stations including plant foundations @ 3.4%							
Cooling towers and circulating water systems @ 7.84%							
Total of Cooling towers and circulating water systems @ 7.84%							
Hydraulic works forming part of Hydro-electric system @ 1.95%							
Total of Hydraulic works forming part of Hydro-electric system @ 1.95%							
Hydraulic works forming part of Hydro-electric system @ 3.4%							
Total of Hydraulic works forming part of Hydro-electric system @ 3.4%							
Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%							
Total of Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%							
Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%							
Total of Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%							
Switchgear including cable connections @ 7.84%							
Total of Switchgear including cable connections @ 7.84%							
Lightning arrester @ 7.84%							
Total of Lightning arrester @ 7.84%							
Overhead lines @ 5.27%							
Total of Overhead lines @ 5.27%							
Meters @ 12.77%							



Total of Meters @ 12.77%							
Air-conditioning plants @ 12.77%							
Total of Air-conditioning plants @ 12.77%							
Communication equipment @ 12.77%							
Total of Communication equipment @ 12.77%							8301197
Building and civil engineering works of permanent character @ 3.02%							
Office furniture and fittings @ 12.77%							
Total of Building and civil engineering works of permanent character @ 3.02%							8301197
Office furniture and fittings @ 12.77%							
Total of Office furniture and fittings @ 12.77%							2228176
Office equipments @ 12.77%							
Total of Office equipments @ 12.77%							1788705
Any other assets not covered above @ 7.69%							
Total of Any other assets not covered above @ 7.69%							8228805



Deduction Details(From Point No. 18)		
Description of Block of Assets	Sl.No.	Date of Sale etc. Amount
Plant and Machinery in generating stations including plant foundations @ 3.4%		
Total of Plant and Machinery in generating stations including plant foundations @ 3.4%		
Cooling towers and circulating water systems @ 7.84%		
Total of Cooling towers and circulating water systems @ 7.84%		
Hydraulic works forming part of Hydro-electric system @ 1.95%		
Total of Hydraulic works forming part of Hydro-electric system @ 1.95%		
Total of Hydraulic works forming part of Hydro-electric system @ 3.4%		
Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%		
Total of Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%		
Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%		
Total of Transformers, transformer (Kiosk) sub-station equipment and other fixed apparatus (including plant foundations) @ 7.81%		
Switchgear including cable connections @ 7.84%		
Total of Switchgear including cable connections @ 7.84%		
Lightning arrester @ 7.84%		
Total of Lightning arrester @ 7.84%		
Overhead lines @ 5.27%		
Total of Overhead lines @ 5.27%		
Meters @ 12.77%		
Total of Meters @ 12.77%		
Air-conditioning plants @ 12.77%		
Total of Air-conditioning plants @ 12.77%		
Communication equipment @ 12.77%		
Total of Communication equipment @ 12.77%		
Building and civil engineering works of permanent character @ 3.02%		
Total of Building and civil engineering works of permanent character @ 3.02%		
Office furniture and fittings @ 12.77%		
Total of Office furniture and fittings @ 12.77%		
Office equipments @ 12.77%		
Total of Office equipments @ 12.77%		
Any other assets not covered above @ 7.69%		
Total of Any other assets not covered above @ 7.69%		



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Dhawal Marleshwar
Jaiprakash Associates Limited
Jan 27, 2014 02:35

Power Purchase Agreement

between

PTC India Limited
(Formerly known as Power Trading Corporation of India Limited)

and

Jaypee Karcham Hydro Corporation Limited

1000 MW Karcham Wangtoo Hydro Electric Project



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Karcham Wangtoo Hydro Electric Project

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दिल्ली DELHI

PREAMBLE

THIS POWER PURCHASE AGREEMENT ("PPA") is made on this Twenty first day of March Two Thousand and Six between:

PTC India Limited (Formerly known as Power Trading Corporation of India Limited), a public limited company incorporated under the Companies Act 1956, having its registered office at 2nd Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi - 110 066 (hereinafter referred to as "PTC"; which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns); and

Jaypee Karcham Hydro Corporation Limited, a public limited company incorporated under the Companies Act 1956, having its registered office at C - 16, Sector - 1, SDA Housing Colony, New Shimla - 171009 and Head Office at JA House, 63, Basant Lok, Vasant Vihar, New Delhi (hereinafter referred to as the "Company", which expression shall, unless repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns); each also individually referred to as the "Party", and collectively referred to as "Parties".

WHEREAS:

(A) PTC is a company engaged in trading of electricity and has been established with an objective, inter-alia, to carry out in India and abroad, the business of purchase of all forms of electrical power from independent power producers, captive power plants and other generating companies, transmission companies, state electricity boards, state government statutory bodies, licensees, power utilities, and sale of all forms of electrical power to the state electricity boards,

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power utilities, transmission companies, bulk consumers of power and other organizations buying power, whether in the private or public sector.

- (B) The Company, a generating company as defined in the Electricity Act, 2003 is implementing the 1000 MW Karcham Wangtoo Hydro Electric Project, a run of the river power station with pondage, comprising 4 (four) Units of 250 MW each in the District of Kinnaur in the State of Himachal Pradesh (the "Project"). The Company has already entered into an Implementation Agreement with Government of Himachal Pradesh and has also appointed Jaiprakash Associates Limited as its Construction Contractor for the Project.
- (C) PTC and the Company have entered into a Memorandum of Understanding on 18th (eighteenth) June Two thousand Three and Addendum on 15th June, Two Thousand Five and Company's letter dated 12th December, 2005, hereinafter referred as MOU, for PTC to purchase, from the Company, the entire saleable power and energy from the Project at the Delivery Point for a period of 35 (thirty five) years from the Commercial Operation Date of the Project, for onward sale on a long-term basis.
- (D) The Company has now requested PTC to purchase 704 MW gross capacity, and corresponding energy, from the Project at the Project bus bar for a period of 35 (Thirty Five) years from the COD of the Project for onward sale on long term basis.
- (E) PTC will enter into suitable arrangements with one or more Purchasers, for sale of Contracted Power from the Project.
- (F) A petition for approval of tariff, if required, for sale of the generated power in accordance with this Agreement shall be filed by the Company before the Appropriate Commission and PTC shall extend all possible assistance and cooperation to the Company for the same. The tariff as approved by such Appropriate Commission will be applicable for purchase and sale of the Contracted Power and Contracted Energy.

NOW THEREFORE, IN CONSIDERATION OF THE PREMISES AND MUTUAL AGREEMENTS, COVENANTS AND CONDITIONS SET FORTH HEREIN, IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES AS FOLLOWS:



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Karcham Wangtoo Hydro Electric Project

ARTICLE 1 DEFINITIONS AND INTERPRETATION

1.1 Definitions

The terms used in this Agreement, unless as defined below or repugnant to the context, shall have the same meaning as assigned to them by the Electricity Act, 2003 and the rules or regulations framed there under as amended or re-enacted from time to time:

- "Active Energy" means the electrical energy produced, flowing or supplied by an electrical circuit during a time interval, measured in units of kilowatt-hours or standard multiples thereof;
- "Active Power" means the product of voltage and the in-phase component of alternating current (amperes), measured in units of watts or standard multiples thereof;
- "Advance Against Depreciation" is defined in paragraph 38(ii)(b) of CERC Tariff Regulations;
- "Affected Party" has the meaning specified in Article 10.1.1;
- "Affiliate" has the meaning specified in Article 15.7.2(i);
- "Agreement" or "Power Purchase Agreement" or "PPA" means this document including its Schedules containing the terms and conditions for purchase of power by PTC from the Company;
- "Annual Fixed Charges" shall have the meaning set forth in Schedule E;
- "Annual Generation Plan" has the meaning specified in Article 7.2.2;
- "Appropriate Authority" means the Central Electricity Authority, for techno-economic clearance to the Project;
- "Appropriate Commission" means the Central Electricity Regulatory Commission or a State Electricity Regulatory Commission, or their successors, competent to determine / regulate the Tariff for the Project pursuant to the Electricity Act, 2003;
- "Arbitration" means the resolution of a dispute between the Parties in accordance with Article 13.3;
- "Auxiliary Consumption" means, in relation to a period, the energy consumed by auxiliary equipment of the generating station and transformation losses within the generating station, expressed as percent of



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the gross energy generated at generator terminals during the relevant period, which shall not exceed the quantum as specified by clause 32(ii) of CERC Tariff Regulations;

means the notice issued by a Party raising a dispute regarding a Monthly Bill or a Supplementary Bill issued by the other Party;

"Billable Energy" means energy corresponding to Billable Power;

"Billable Power" means in relation to a Settlement Period, the Power Output at the Delivery Point supplied to PTC in proportion of Contracted Power to the Rated Capacity;

"Business Day" means a day other than a Sunday or a statutory holiday on which banks are open for business in Delhi;

"Capacity Index" means the average of the daily capacity indices over a period of time;

"Capacity Reduction" is the reduction in capacity on account of Monitored Capacity Failure;

"Capital Cost" means the completion cost of the Project as approved by CEA/CERC, which shall be the ceiling cost of the Project for the purpose of determination and payment of Tariff;

"CEA" means the Central Electricity Authority as defined in the Electricity Act, 2003, or its successors;

"Central Transmission Utility" or "CTU" means any Government company which the Central Government may notify under sub-section (1) of section 38 of Electricity Act, 2003, presently being Power Grid Corporation of India Ltd;

"CERC" means the Central Electricity Regulatory Commission, as defined in the Electricity Act, 2003, or its successors;

"CERC Interstate Transmission Regulations" means the regulations for open-access to interstate transmission system notified by CERC vide its order dated 30th January 2004, as amended from time to time;

"CERC Tariff Regulations" means the CERC regulations titled "Central Electricity Regulatory Commission (Terms and conditions of tariff) Regulations 2004", including applicable amendments and substitutions till the date of this Agreement;

"Change in Law" has the meaning specified in Article 11.1.1;

"Check Meters" means the metering system identical to the Main Meters for verifying the performance of the Main Meters;



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"Commercial Operation Date" or "COD"	means, in relation to a Unit, the date on which such Unit has been Commissioned; or in relation to the Project, the date on which the last Unit is Commissioned;
"Commissioned"	means in relation to a Unit, the state when the Unit is capable of delivering Active Power and Reactive Power on a regular basis after it passes the Initial Performance Test in accordance with Article 6.8, or in relation to the Project, the state when the Project is capable of delivering active and reactive power on a regular basis after it passes the Initial Performance Test in accordance with Article 6.8;
"Company"	means the Company as defined in the recitals;
"Company Event of Default"	means any of the events set out in Article 14.1;
"Company Preliminary Termination Notice"	means the notice issued by the Company to PTC, stating the Company's intention to terminate this Agreement as a result of a PTC Event of Default;
"Company Termination Notice"	means the notice issued by the Company to PTC for termination of this Agreement as a result of a PTC Event of Default;
"Competent Court"	has meaning specified in Article 11.1.2;
"Confidential Information"	has the meaning specified in Article 15.8.1;
"Conditions Precedent"	means all the conditions as specified in Article 3.1 that are to be fulfilled or waived by the relevant Party;
"Connection Agreement"	an agreement between CTU / Transmission Licensee and the Company setting out the terms relating to a connection to and/or use of the inter state transmission system.
"Consent"	means any consent, licence, approval, permit, no-objection certificate, concession, right of way or any other authorisation required to be granted by a Governmental Instrumentality for construction, operation and maintenance of the Project, including but not limited to those specified in Schedule A;
"Construction Contractor"	means M/s Jaiprakash Associates Limited, appointed by the Company to design, engineer, procure, construct and Commission the Project in accordance with the provisions of this Agreement;
"Consultation Period"	means the period, commencing from the date of issue of a Preliminary Termination Notice, for consultation between the



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 Jayaraman Associates Limited
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Parties to:

(i) mitigate the consequence of the relevant event having regard to all the circumstances; and

(ii) prevent termination of this Agreement;

"Contracted Performance Parameters" means the Contracted Power and the performance levels of a Unit or the Project, specified in Paragraph 2, 3, 4 and 5 of Schedule C;

"Contracted Energy" means energy corresponding to the Contracted Power in accordance with Schedule D;

"Contracted Power" means in relation to the Project, 704 MW of gross power at Project bus bar;

"Control Centre" shall be the RLDC;

"Daily Capacity Index" means the percentage of the Declared Capacity to the Maximum Available Capacity during the Settlement Periods of the Peak Hours of a day, such percentage being limited to 100% in case it exceeds this limit;

"Daily Despatch Schedule" means the daily schedule for the following day containing the details of Declared Capacity and the Despatched Power for the relevant day for each Settlement Period of a day notified by the Control Centre to the Company;

"Daily Generation Capacity Schedule" means the daily schedule containing the Declared Capacity, MWh capability and other data for each Settlement Period for the following day, pursuant to Article 7.3.2, notified by the Company to the Control Centre;

"Debt" means the sum of the borrowed amounts expressed in the relevant currency(ies) in the Financing Agreements at the Financial Close;

"Declared Capacity" means the power output at Delivery Point or any other point acceptable to Control Centre, during any Settlement Period, as declared by the Company in its Daily Generation Capacity Schedule or revised Daily Generation Capacity Schedule regardless of constraints in the Grid, provided that the Declared Capacity in any Settlement Period shall not exceed the Rated Capacity;

"Deemed Generation" means, in relation to a period, the energy corresponding to the Deemed Power during such period and shall be in accordance with Paragraph 14 of Schedule E;



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"Deemed Power"	means in relation to a Settlement Period, the Declared Capacity less the Despatched Power, that would have been delivered by the Company but for the Despatch Instructions for such Settlement Period notified by the Control Centre; provided and to the extent that, such reduction results in spillage of water, and such Deemed Power being limited to the Design Energy Output in any given year;
"Delivery Point"	means the point of interconnection with the CTU or a Transmission Licensee, from where open access in accordance with CERC Inter-state Transmission Regulations is available and at which the risk and title of the Billable Power and Billable Energy shall pass from the Company to PTC;
"Depreciation"	is defined in paragraph 38(ii)(a) of CERC Tariff Regulations;
"Design Energy"	means the gross energy output of the Project at generator terminals with ninety five percent (95%) availability of the Rated Capacity of the Project in a Ninety Percent (90%) Dependable Year as specified in Schedule D and until COD of the Project, the same being calculated on prorata basis for each Unit after COD of such Unit;
"Design Energy Output"	means Design Energy less Auxiliary Consumption;
"Design Energy"	means the Design Energy Output less the Free Energy applicable for the given Tariff Year as specified in Schedule D ;
"Designated Account"	has the meaning specified in Article 9.3.4;
"Despatch Instruction"	means any instruction issued by the Control Centre to the Company in accordance with IEGC;
"Despatched Energy"	in a given period, means the Energy corresponding to Despatched Power;
"Despatched Power"	means the power output specified by the Control Centre in its Daily Despatch Schedule or Revised Despatch Schedule;
"Disputes"	has the meaning specified in Article 13.2.1;
"Due Date"	means the thirty first (31 st) day after a Monthly Bill or a Supplementary Bill is received by PTC or the Company, as the case may be (or, if such day is not a Business Day, the immediately succeeding day) by which date such bill is payable by PTC,

provided that in the event a Monthly Bill is received prior to the fifth (5th) day of a Month, such bill shall be deemed to have



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"Electricity Laws"	been received on the fifth (5 th) day of such Month; means the Electricity Act, 2003 and the rules and regulations made there under from time to time along with amendments and replacements thereof in whole or in part and all other Laws pertaining to electricity;
"Energy Output"	means the metered electrical energy, in kWh or multiples thereof, delivered by the Company at the Delivery Point;
"Engineer"	means the individual / member / firm appointed by the independent consulting engineering firm / agency / body, appointed by PTC and the Company (and whose costs, charges and expenses are to be borne by the Company) to monitor the commissioning and Initial Performance Tests of the Project on their behalf;
"Equity"	means the amount contributed towards the share capital of the Company in accordance with the Financing Agreements;
"Extended Majeure"	Force shall have the meaning assigned to it Article 14.3;
"Expiry Date"	means the 35 th (thirty-fifth) anniversary of the Commercial Operation Date of the Project;
"Financial Close"	means the first Business Day on which the Company can draw down on funds under the Financing Agreements;
"Financing Agreements"	means all the loan agreements, guarantees, credit facilities, notes, indentures, security agreements, letters of credit, share subscription agreements and other documents relating to the financing or re-financing of the Project at the Financial Close, as may be amended, modified or replaced from time to time;
"Force Majeure"	means an event defined in Article 10.1.2;
"Forced Outage"	means an interruption or reduction of Power Output of a Unit or Project due to unforeseen failure of equipment;
"Free Energy"	means Energy corresponding to Free Power;
"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 th (thirteenth) Tariff Year till the end of the term of this Agreement;



Power Purchase Agreement

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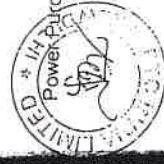


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"Governmental Instrumentality"	means any legislative, judicial, regulatory, executive or other governmental body (including any agency, department, board, instrumentality, commission, office or authority) of the Government of India or any political subdivision thereof;
"Grid"	means the transmission network beyond the Delivery Point, through which the Energy Output is to be evacuated from the Project and up to the point of drawal into the Purchaser's system;
"Implementation Agreement"	means the agreement dated 18th November, 1999 along with the amendments and assignments thereof entered into between the Project State Government and the Company for facilitating implementation of the Project;
"Indian Grid Code" or "IEGC"	means the Grid Code specified by the Central Commission under Section 79 of the Electricity Act, 2003;
"Initial Consents"	means the consents specified in Paragraph 1.0 of Schedule A;
"Initial Performance Test"	means the performance test in accordance with Article 6.3, conducted prior to a Unit or the Project being Commissioned as the case may be;
"Interconnection Facilities"	means the interconnection equipment and associated automatic communications, switching equipment and line protection devices installed, owned, operated and maintained by the CTU / Transmission Licensee or the Company to enable evacuation of Power Output from the Project in accordance with this Agreement;
"Interconnection Point"	means the point adjacent to the Delivery Point where the Project connects to CTU or Transmission Licensee's line;
"Interest on Working Capital"	as defined in paragraph 38(i) of CERC Tariff Regulations;
"Law"	means, in relation to this Agreement, all laws and Electricity Laws in force and includes any statute, decree, ordinance, regulation, notice, circular, code, rule or direction, or any interpretation of any of them by Governmental Instrumentality in India and/or in relevant states and also includes all applicable rules, regulations, orders, directions, notifications by a Governmental Instrumentality pursuant to or under any of them;
"Lender"	means any Indian or foreign institution, corporation, partnership, firm, individual or organization providing Debt to the Company;



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- "Lender's Engineer" means the individual / member / firm appointed by the independent consulting engineering firm / agency / body, appointed by the Lender to monitor the commissioning and testing of the Project on their behalf;
- "Letter of Credit" or "LC" means the letter of credit provided by PTC to the Company as Payment Security Mechanism in accordance with Article 9.5;
- "Maintenance Outage" means the interruption or reduction in Power Output of a Unit or the Project for the purpose of repair or replacement of specific components of equipment and for which some flexibility in scheduling is available;
- "Main Meters" means the meters installed at the Delivery Point for measurement of the Energy Output and other parameters specified in Article 8.2;
- "Maximum Available Capacity" means the maximum capacity in MW that can be made available at the Delivery Point with all Units running, under the prevailing conditions of water levels, flows and with 100% gate opening during the Settlement Periods of the Peak Hours of a day;
- "Meters" means Main Meters and Check Meters;
- "Monitored Capacity Failure" means the failure of the Company to make available the Declared Capacity, pursuant to a Monitoring Notice;
- "Monitoring Notice" has the meaning specified in Article 7.3.5;
- "Month" means a calendar month;
- "Monthly Bill" means a bill raised by the Company for Tariff Payment in respect of each completed Month;
- "Ninety Percent Dependable Year" means the year having the annual inflow of water at least equal to that which has the probability of delivering the Design Energy for ninety percent (90%) of the Operation Period. For the Project, the 90% Dependable Year shall be represented by Hydrological Year 1993-94 based on the hydrological data for the Years 1966-67 to 1998-99;
- "Nominal Capacity" means:

in relation to the Units, the gross electrical power output at the Unit's generator terminals

(i) for Unit 1 : 250 MW;



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Jaipurkash Associates Limited Hydro Electric Project

- (ii) for Unit 2 : 250 MW;
 (iii) for Unit 3 : 250 MW; and
 (iv) for Unit 4 : 250 MW;

and

in relation to the Project, 1000 MW of gross electrical power at the generator terminals of the Project;

at the site reference conditions and in accordance with the limits of Grid conditions specified in Schedule C;

is the Capacity Index for recovery of full capacity charges pursuant to CERC Tariff Regulations;

means the contract entered into, or to be entered into, between the Company and the Operator, relating to the operation and maintenance of the Project, in accordance with this Agreement;

has the meaning specified in paragraph 38(iv) of CERC Tariff Regulations;

hours other than Peak Hours in a day;

has the meaning specified in Article 7.7.1;

means the period from the Commercial Operation Date of the Project to the Expiry Date;

means the period beginning on the COD of the Project and ending on the following thirty first (31st) day of March; and each successive twelve (12) Month period beginning on the first (1st) day of April thereafter till the Expiry Date;

means one or more contractors appointed as operator of power generation facilities of the Project pursuant to an O&M Contract, if any;

has the meaning specified in the recital to this Agreement;

means the rebate admissible to PTC for amounts paid within the Due Date, in accordance with Article 9.3.5;

means the payment security provided by PTC to the Company, in accordance with Article 9.5;



Karcham-Wangtoo Hydro Electric Project

"Payment Surcharge"	means the surcharge payable by either Party for delay in payment of a Monthly Bill or a Supplementary Bill, as the case may be, beyond a period of sixty(60) days;
"Peak Hours"	means in relation to a day, the hours of peak demand as notified by the Control Centre to the Company in writing from time to time, provided that the Peak Hours shall be not less than a total of three (3) hours in a day and as may be mutually agreed by PTC and the Company in writing;
"Performance Test Procedures"	has the meaning specified in Article 6.2.1;
"Periodic Capacity Test"	means the capacity test conducted on a Unit or the Project during the Operation Period as specified in Article 7.6;
"Power Output"	means the electrical power in kW or multiples thereof, delivered by the Company at the Delivery Point;
"Power Sale Agreement" or "PSA"	means the document containing the terms and conditions for sale by PTC to the Purchaser, of power purchased from the Company, coinciding with the Term of Agreement and enforceable under the Law;
"PTC India Limited" or "PTC"	means the PTC India Limited as defined in the recitals;
"Project"	means the hydroelectric generating facilities, specified in Recital B, whether completed or at any stage of development and construction including without limitation, all land, buildings, dams, gates, spillways, hoists, weirs, canals, penstocks, tunnels, surge tanks, electrical energy generating equipment (and its auxiliary equipment), switchyard and the Interconnection Facilities designed, built, owned, operated and maintained by the Company and including any residential colony / unit welfare facilities and offices;
"Project Capacity Test"	means the tests to demonstrate the Nominal Capacity or Rated Capacity of the Project;
"Project Characteristics Test"	means the tests to demonstrate parallel operation of the Units with equitable sharing of load;
"Project State"	means the state in which the Project is located;
"Project State Government"	means the government of Himachal Pradesh;
"Prudent Utility"	means exercise of that degree of skill, diligence, prudence and foresight which would reasonably and ordinarily be expected



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Kashmiri Wanganoo Hydro Electric Project

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from a skilled and experienced agency or operator, engaged in the same type of undertaking, and adopting the practices, methods and standards that are generally followed by electric utilities in India including customary industry practice in regard thereto and any improvements or innovations that may be made to all such practices, methods and standards during the Term of Agreement for ensuring the safe, efficient, and economic construction, commissioning, operation and maintenance of power generation facilities of a size and type applicable to the Project and of the Grid;

"PTC Event of Default" has the meaning specified in Article 14.2;

"PTC Preliminary Termination Notice" means the notice issued by PTC to the Company stating PTC's intention to terminate this Agreement due to a Company Event of Default;

"PTC Termination Notice" means the notice issued by PTC to the Company for termination of this Agreement due to a Company Event of Default;

"Purchaser" means one or more entities to which PTC may sell the power and energy purchased from the Company;

"Rated Capacity" means, in relation to a Unit, the lesser of:

- (i) the Nominal Capacity of the Unit; and
 - (ii) the gross Tested Capacity of the relevant Unit; and
- and in relation to the Project, the lesser of:
- (a) the Nominal Capacity of the Project; and
 - (b) the gross Tested Capacity of the Project,

in each case such Tested Capacity being that determined at rated head and rated flow in each case in the Initial Performance Test or the Periodic Capacity Test, as the case may be;

"Reactive Power"

means the product of voltage and current and the sine of the phase angle between them, measured in units of volt-amperes reactive, or multiples thereof;

"Real Time Gross Settlement"

shall mean real time gross settlement arrangements made available by banks currently or any other such arrangements that may become available in future;



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"RPC"	means the relevant Regional Power Committee or successors thereof, as defined in the Electricity Laws;
"Regional Energy Accounts" or "REA"	means the accounts of power and energy delivered by the Company and drawn by the Purchaser, as issued by the appropriate agency for each Week and for each Month, including the revisions and amendments thereof;
"Repeat Tests"	means the repeat tests specified in Article 6.9 for Initial Performance Test and Article 7.6 for Periodic Capacity Test;
"Required Commercial Operation Date" or "Required COD" or "RCOD"	means in relation to the Units, the following number of months from the zero date of the Project i.e. 18 th November, 2005. (i) for Unit 1 : 69 Months; (ii) for Unit 2 : 70 Months; (iii) for Unit 3 : 71 Months; (iv) for Unit 4 : 72 Months; and in relation to the Project : 72 Months;
"Return on Equity"	has the meaning specified in paragraph 38(iii) of CERC Tariff Regulations;
"Revised Despatch Schedule"	means the revised daily schedule for the following day containing the details of Declared Capacity and the Despatched Power for the relevant day for each Settlement Period of a day notified by the Control Centre to the Company;
"RLDC"	means the relevant Regional Load Despatch Centre as defined in the Electricity Laws, in the region in which the Project is located;
"Rupees" or "Rs."	means the lawful currency of India;
"Saleable Energy"	means in relation to a period, the Despatched Energy during such period, less the Free Energy during such period;
"Saleable Power"	means in relation to a Settlement Period, the Despatched Power in the relevant Settlement Period, less the Free Power during the relevant Settlement Period;
"Scheduled Outage"	means a planned interruption of the generating capacity of a Unit or the Project for the purpose of inspection, testing, preventive maintenance, repair or replacement of components or equipment, or improvement in the performance of equipment;



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"Scheduled Synchronisation Date"	means in respect of a Unit, the date which falls 15 days before the Required COD of such Unit;
"Secondary Energy"	means the Energy Output during a period, less the Design Energy during the relevant period;
"Secondary Energy Charge"	means the payment per kWh of Secondary Energy output determined in accordance with paragraph 12 of Schedule E;
"SERC"	means the State Electricity Regulatory Commission, as defined in the Electricity Act, 2003, or its successors, having jurisdiction over the Purchaser;
"Settlement Period"	means the time block for issue of daily generation, drawal and despatch schedules as may be defined by IEGC (presently a fifteen (15) minute block);
"Site"	means the land, spaces, waterways, roads and rights for the purpose of building, operating and maintaining the Project;
"SLDC"	means the State Load Despatch Centre as defined in the Electricity Act, 2003, in relation to the Purchaser;
"State Bank of India Prime Lending Rate or SBI PLR"	means the short term prime lending rate of State Bank of India, and in the absence of the same, the lowest lending rates that are available to the highest rated borrowers of similar lending institutions in India;
"Supplementary Bill"	means a bill other than a Monthly Bill raised by either Party in accordance with Article 9;
"Tariff"	means the tariff payable in accordance with Schedule E;
"Tariff Adjustment"	means increase or decrease in the payment of the Monthly Bill on account of Change in Law or any applicable changes, other than on account of: (i) Payment Rebate, or (ii) Payment Surcharge;
"Tariff Payment"	means the Tariff payable to the Company in accordance with Schedule E and this Agreement;
"Tariff Year"	means (i) the block of months from COD of the Project till the following 31 st day of March; (ii) thereafter, the block of any twelve (12) consecutive months commencing from 1 st April and end on the last day of March, except in the final year of the Term of the Agreement in which case it would end on the Expiry Date;
"Tax"	means any Indian tax, duty, cess, fees, impost, surcharge or levy of any nature howsoever called charged, levied or imposed



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by a Governmental Instrumentality (whether central, state or local) in relation to the Project;

"Tax on Income" means the tax on income of the Company, in accordance with Paragraph 7 of CERC Tariff Regulations, in proportion to PTC's annual revenue contribution as a ratio of the total annual revenue of the Company.

"TEC" means techno-economic clearance issued by CEA to the Company for the Project on 31st March, 2003.

"Technical Limits" means the technical limits of the Project specified in Schedule C;

"Technical Specifications" means the salient technical features in Schedule B and the elaboration of such technical features as may be provided in the construction contracts of the Construction Contractor, covering the design, construction, testing and commissioning of the Project, provided that in the event of any difference between the technical features in Schedule B and the technical features specified in the contract between the Company and the Construction Contractor, technical features in Schedule B shall prevail;

"Term Agreement" of has the meaning specified in Article 2.1;

"Tested Capacity" means, in relation to a Unit or the Project, the tested capacity during the Initial Performance Test or the Periodic Capacity Test under specific conditions as applicable for each test;

"Testing Laboratory" means a reputed laboratory for testing and calibration of Main Meters and Check Meters, acceptable to the CTU and the Company;

"Transmission Facilities" means the Transmission Line set up to transmit electricity from the Project bus bar to the Delivery Point;

"Transmission Licensee" means the person holding the transmission license to set up and operate the Transmission Facilities.

"Unit" means a generating set and all equipment and installation that can be assigned independently and exclusively to such generating set;

"Unit Capacity Test" means the tests to demonstrate Nominal Capacity or Rated Capacity of a Unit;

"Unit Characteristics Parameters of a Unit;" means the tests to demonstrate the Contracted Performance Parameters of a Unit;



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"Unscheduled Interchange" means the energy corresponding to the difference between the Despatched Power and the Power Output over a given period;

"Week" means a calendar week commencing from 00:00 hours of Monday, and ending at 24:00 hours of the following Sunday;

1.2 Interpretation

Save where the contrary is indicated, any reference in this Agreement to:

1.2.1 a "Recital", an "Article" a "Schedule" and a "Paragraph" shall be construed as a reference to a "Recital", an "Article" a "Schedule" and a "Paragraph" respectively of this Agreement.

1.2.2 a "day" means a calendar day.

1.2.3 an "encumbrance" shall be construed as a reference to a mortgage, charge, pledge, lien or other encumbrance securing any obligation of any person or any other type of preferential arrangement (including, without limitation, title transfer and retention arrangements) having a similar effect.

1.2.4 a "person" shall be construed as a reference to any person, firm, company, corporation, society, trust, government, state or agency of a state or any association or partnership (whether or not having separate legal personality) of two or more of the above and a person shall be construed as including a reference to its successors, permitted transferees and permitted assigns in accordance with their respective interests.

1.2.5 the "winding-up", "dissolution", "insolvency", or "reorganization" of a company or corporation shall be construed so as to include any equivalent or analogous proceedings under the law of the jurisdiction in which such company or corporation is incorporated or any jurisdiction in which such company or corporation carries on business including the seeking of liquidation, winding-up, reorganization, dissolution, arrangement, protection or relief of debtors.

1.2.6 words importing the singular shall include the plural and vice versa

1.2.7 this Agreement or any other agreement or document shall be construed as a reference to this or to such other agreement or document as it may have been, or may from time to time be, amended, varied, novated, replaced or supplemented.

1.2.8 a Law shall be construed as a reference to such Law including its amendments or re-enactments from time to time.

9 a time of day shall, save as otherwise provided in any agreement or document, be construed as a reference to Indian Standard Time.



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- 1.3 Different parts of this Agreement are to be taken as mutually explanatory and supplementary to each other and if there is any inconsistency between or among the parts of this Agreement, they shall be interpreted in a harmonious manner so as to give effect to each part. If, however, any such inconsistency cannot be reconciled, the Schedules shall supersede the main body of the Agreement.
- 1.4 The table of contents and any headings or sub-headings in this Agreement have been inserted for ease of reference only and shall not affect the interpretation of this Agreement.
- 1.5 All interest payable under this Agreement shall accrue from day to day and be calculated on the basis of a year of three hundred and sixty five (365) days.



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ARTICLE 2 TERM OF AGREEMENT

2.1 Effective Date and Term of Agreement

This Agreement shall become effective upon the date of its execution by the Parties. The Agreement shall have a term from such date of execution by the Parties until the Expiry Date ("Term of Agreement"), when it shall automatically terminate, unless:

- (i) terminated earlier, pursuant to Article 2.2, or
- (ii) extended, pursuant to Article 2.3.

2.2 Early Termination

This Agreement shall terminate before the Expiry Date:

- (i) if either the Company or PTC exercises its right to terminate, pursuant to Article 14 or Article 3.3; or
- (ii) in such other circumstances as the Company and PTC may subsequently agree, in writing.

2.3 Extension of Term

Between one hundred and eighty (180) and three hundred and sixty five (365) days prior to the Expiry Date, either Party may notify the other Party that it wishes to extend this Agreement for an additional period to be specified by that Party. Upon the receipt of such notice, the Parties shall meet and discuss an extension of this Agreement, which may be extended on such terms including the period of extension, tariff, capacity and operating characteristics, as the Parties may mutually agree in writing. Such extension shall commence upon the end of the last day of the Term of Agreement.



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ARTICLE 3 CONDITIONS PRECEDENT

3.1 Conditions Precedent

The Conditions Precedent and obligations of the Parties with regard thereto are as specified below. The Parties shall make reasonable endeavours to provide the required documents and take all actions to satisfy the Conditions Precedent within twelve (12) months from the date of execution of this Agreement or such extended period as may be mutually agreed by the Parties.

3.1.1 Conditions Precedent that may be waived by the Company

The following are the Conditions Precedent for the effectiveness of the Company's obligations under this Agreement, which may be unilaterally waived by the Company by notifying PTC in writing:

- (i) The Company shall have received a legal opinion, reasonably satisfactory to the Company, from a legal counsel to PTC, confirming PTC's authority to enter into this Agreement and the enforceability of the provisions contained herein;
- (ii) The Company shall have received copies of resolutions adopted by the PTC's Board of Directors authorizing the execution, delivery and performance by PTC of this Agreement, which resolutions shall be certified by the PTC's Company Secretary;

3.1.2 Conditions Precedent that may be waived by PTC

The following are the Conditions Precedent for the effectiveness of PTC's obligations under this Agreement, which may be unilaterally waived by PTC by notifying the Company in writing:

- (i) PTC shall have received copies of the charter/constituent documents of the Company, duly certified by the Company's secretary;
- (ii) PTC shall have received copies of resolutions adopted by the Company's board of directors authorizing the execution, delivery and performance by the Company of this Agreement, which resolutions shall be certified by the Company's secretary;
- (iii) PTC shall have received a legal opinion, reasonably satisfactory to PTC, from a legal counsel to the Company, confirming the Company's authority to enter into this Agreement and the enforceability of the provisions contained herein; and



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- (iv) PTC shall have received from the Company, copy of the estimated capital cost as appraised/re-appraised by the Lenders for the purpose of Financial Close;

3.1.3 Conditions Precedent that may be waived by mutual consent

The following are the Conditions Precedent, which may be waived by mutual written consent of both the Parties:

- (i) The Company shall have received valid, enforceable and unencumbered right to use/possession of the Site and such other tangible and intangible property rights as may be required or necessary to construct, Commission and operate the Project;
- (ii) The Company shall have received all Initial Consents;
- (iii) The Company shall have achieved Financial Close in relation to the Project;
- (iv) PTC shall have executed the Power Sale Agreement(s) with the Purchaser, approved by Appropriate Commission, for the entire Contracted Power and made a copy of the same available to the Company;
- (v) Long term open access in accordance with CERC Interstate Transmission Regulations for the supply of power and energy to the Purchaser shall have been granted;

The Party that is responsible for satisfying a particular Condition Precedent under this Article 3.1.3 may request waiver of such Condition Precedent by notifying the other Party in writing of its intention to seek such waiver. If the other Party provides its consent in writing that it no longer requires the satisfaction of such Condition Precedent, the performance of such Condition Precedent shall be waived.

3.2 Satisfaction of Conditions Precedent

Each Party, that is responsible for satisfying a particular Condition Precedent, shall keep the other Party informed in writing of the progress being made in fulfilling such Condition Precedent and also upon the fulfilment or waiver of such Condition Precedent, as the case may be.

Each Party shall use reasonable endeavour to satisfy the conditions precedent, which it is responsible for.

3.3 Right to terminate

If the Conditions Precedent listed in Article 3.1 are not duly satisfied or waived by PTC or the Company, as the case may be, within twelve (12) months of the date of execution of this Agreement, or such extended time as may be mutually



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agreed between the Parties in writing, either Party may terminate this Agreement by giving a written notice of termination to the other Party not earlier than twelve (12) months from the date of execution of this Agreement; and this Agreement shall stand terminated twelve (12) months from the date of such notice unless the Conditions Precedent have been satisfied by such date.

Neither Party shall have any liability whatsoever to the other Party as a result of the termination of this Agreement pursuant to this Article.



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ARTICLE 4 PRINCIPAL OBLIGATIONS OF THE PARTIES

4.1 The Company's Obligations

Notwithstanding anything to the contrary specified in this Agreement, the Company agrees and undertakes to:

- (i) Always be in compliance with Law and obtain and maintain in full force and effect all Consents and insurances pursuant to this Agreement and Law, and if required by PTC, provide PTC with evidence that all such Consents have been duly obtained;
- (ii) Design, construct, complete, test, and commission the Project using only material and equipment that are new and of international/Indian utility-grade quality, and always in accordance with Prudent Utility Practices, in such a manner as to ensure that the useful life of the Project, with proper maintenance and operations, shall be at least equal to the Term of Agreement;
- (iii) Own the Project throughout the Term of Agreement, free and clear of encumbrances, except those permitted by Article 15.7;
- (iv) Ensure reliable availability of the Contracted Performance Parameters to PTC throughout the Term of Agreement by use and application of Prudent Utility Practices, and in accordance with the provisions of the TEC granted by CEA;
- (v) Inform PTC of any change of promoter shareholding, diluting it by more than 10% of, or the promoter shareholding coming below 51% in, the Company;
- (vi) Maintain insurance coverage in accordance with the requirement of the Lenders during the construction and repayment period; and also ensure adequate insurance coverage of Project's assets after the repayment period;
- (vii) Coordinate and cooperate with the CTU, including with regards to any acquisition of land for construction and installation with regards to the Interconnection Facilities;
- (viii) Sell Contracted Power and Contracted Energy to PTC in accordance with this Agreement;
- (ix) Coordinate with CTU with regards to installation of Transmission Line between the Project bus-bar and designated Delivery Point.

4.2 PTC's Obligations

PTC agrees and undertakes to:

- (i) Always be in compliance with Law;
- (ii) offtake Contracted Power and Contracted Energy and pay Monthly Bills and Supplementary Bills in accordance with this Agreement;



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- (iii) co-operate, wherever necessary, with the Company to facilitate the Initial Performance Tests and Commissioning of the Units and the Project; require the Purchaser to make arrangements 30 days prior to RCOD or in case of PTC, having agreed to an early synchronisation in accordance with Article 6.1.1, 30 days prior to COD corresponding to such early synchronisation, to evacuate the Contracted Power & Contracted Energy; obtain and maintain or require its Purchasers to obtain and maintain the requisite transmission open access to evacuate the Contracted Power and Contracted Energy from the Delivery Point for the Term of Agreement;
- (iv) maintain at all times the required trading license as required under law to purchase and further sell the Contracted Power and Contracted Energy; sell Contracted Power and Contracted Energy in accordance with this Agreement;
- (v) Obtain, establish and maintain Payment Security Mechanism in accordance with this Agreement;
- (vi) Inform the Company regarding any change in allocation or the identity of the Purchaser throughout the Term of the Agreement;
- (vii)
- (viii)
- (ix)

4.3 Right to Electrical Output

- 4.3.1 The Company undertakes to sell to PTC and PTC undertakes to purchase and pay the Tariff in accordance with this Agreement for the Contracted Power and Contracted Energy from the Project. The risk and title to power and energy shall be transferred from the Company to PTC at the Delivery Point. PTC's share of the Declared Capacity shall be in the proportion of 704 MW to gross Rated Capacity of the Project in each Settlement Period from COD of the first Unit for Term of the Agreement. PTC shall receive Secondary Energy in the same proportion as that of its share in the Design Energy.
- 4.3.2 PTC shall have the right to sell the Contracted Power and Contracted Energy to any Purchaser and shall inform the Company of such Purchaser. This shall not relieve PTC of its obligation to offtake Contracted Power and Contracted Energy from the Project and to make Tariff Payments to the Company.
- 4.3.3 The Company shall not grant or sell to any third party or allow any third party to obtain any entitlement to the Contracted Power and Contracted Energy, except upon the occurrence and during the subsistence of a PTC Event of Default under Article 14.2 or an Extended Force Majeure (where the Company is not the Affected Party, in which case the Company shall duly give prior information to PTC).
- 4.3.4 Subject to Law, the Company shall not, during the Term of Agreement, use any electricity generated by the Project to the extent of the Contracted Power, except for the purpose of meeting the Project's prorata Auxiliary Consumption.

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4.3.5 Notwithstanding Article 4.3.3, the Company may expand the capacity of the Project and enter into arrangements for the sale of power generated as a result of expanded capacity to any third party, provided that:

- i. the obligations of the Company to deliver the Contracted Power, Contracted Energy and Contracted Performance Parameters under this Agreement shall remain unaffected;
 - ii. PTC shall have the first right of refusal over the additional power generated by such expansion on terms and conditions as may be mutually agreed between PTC and the Company; and
- In the event that certain facilities of the Project are utilised by the expanded unit, suitable Tariff Adjustments shall be agreed to.

4.4 PTC's Observation Visits

PTC or its authorized representatives shall have the right, upon reasonable prior written notice to the Company (except that no such notice shall be required in an emergency), to observe the progress of the construction of the Project, the commissioning of the Units or Project, as the case may be, or operation of the Project. The Company shall co-operate with all reasonable requests of PTC and assist in arranging any such observation visits to the Project and providing such information regarding the Project as may be reasonably requested by PTC. All such authorized representatives undertaking such observation visits on behalf of PTC shall comply with reasonable safety and other applicable procedures notified to them by the Company. The Company shall provide suitable accommodation for such authorized representatives. All costs in relation to any such visit shall be borne by PTC.

4.5 Payment of Taxes

Each Party shall duly pay all Taxes applicable to it, and comply with all rules and regulations as regards such Taxes and shall not do or omit to do or cause or suffer to be done anything which could reasonably be expected to adversely affect or prejudice the interest and rights of the other Party in any manner whatsoever.



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ARTICLE 5 CONSTRUCTION

5.1 The Company's Construction Responsibilities

The Company shall be responsible for designing, constructing, completing and Commissioning the Project in accordance with the provisions of the TEC granted by CEA and as amended or modified from time to time and Prudent Utility Practices, and to the satisfaction of the Lender's Engineer, ensuring fulfillment of Contracted Performance Parameters, Technical Limits, Technical Specifications, the terms of this Agreement and Laws applicable to the Project.

The salient technical features of the Project shall be as laid down in Schedule B; Provided that in case of any inconsistency between:

- (a) the provisions in the Technical Specifications; and
- (b) the Contracted Performance Parameters,

the Contracted Performance Parameters shall prevail.

The Company agrees and undertakes to co-ordinate and co-operate with the Central Transmission Utility, including with regard to any acquisition of land for construction and installation in relation to the Interconnection Facilities.

5.2 The Site

The Company agrees that, before entering into this agreement, it has had sufficient opportunity to investigate the site and has carried out a complete investigation thereof. The Company further agrees that it shall not be released from any of its obligations under this agreement or be entitled to any extension of time or financial compensation by reason of the unsuitability of the Site for the Project or the Company's title to the Site.

5.3 Construction Contractor

The appointment of the Construction Contractor shall not release the Company of any of its responsibilities under this Agreement.

5.4 Information Regarding Interconnection Facilities

PTC shall assist the Company, if requested to do so, to co-ordinate with the Central Transmission Utility on a timely basis for all information with regard to the Interconnection Facilities of the CTU, if any, as is reasonably necessary to enable the Company to design, install and operate the Company's portion of the Interconnection Facilities. Such assistance (or failure to provide such assistance) by PTC shall not release the Company of any of its obligation/responsibility under this Agreement.



Jaipurkoshi Associates Limited Jaipurkoshi Associates Limited Jan 27, 2014 02:35

5.5 Construction Standards and Design Criteria

5.5.1 The Company shall ensure that the Project is designed, built and completed using only material and equipment that is new and of international/Indian utility-grade quality in accordance with Prudent Utility Practices and to achieve the Contracted Performance Parameters set out in Schedule C.

5.5.2 The Company agrees that before entering into this Agreement, it has carried out the detailed investigations necessary for preparation and submission of the detailed Project report (DPR) to CEA and that after having satisfied itself of the techno-economic feasibility of the Project, it has obtained the techno-economic clearance of CEA. The Company agrees that it shall fulfil conditions specified in the techno-economic clearance of CEA, which is attached at Schedule F of this PPA and as waived or amended by CEA from time to time.

5.6 Documents to be Submitted by the Company

The Company agrees to provide the following documents to PTC:

- (i) on the Financial Close, the estimated capital cost as appraised/re-appraised by the Lenders for the purpose of Financial Close and details of Debt and Equity of the Project;
- (ii) not later than thirty (30) days prior to the Commercial Operation Date of the first Unit, copies of all insurance policies and certificates of insurance obtained in line with Lenders requirements.

5.7 Company's Construction and Start-up Power

All the electrical power and energy required for the purpose of construction, start-up and Commissioning of the Units shall be arranged by the Company at its own cost and expense.

5.8 Construction Reports

5.8.1 Within 10 days of the end of each quarter following commencement of construction and continuing until the Commercial Operation Date of the Project, the Company shall provide PTC with quarterly construction reports (for the immediately preceding quarter) on the status of construction of the Project. However the frequency of the construction reports shall be increased to monthly from quarterly, twelve months prior to the Required COD of the Project. The Company shall comply with any reasonable information request made by PTC in relation to the contents of any such construction report.



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5.8.2 The construction report described in Article 5.8.1 above shall include the following:

- (i) executive summary;
- (ii) status of Initial Consents;
- (iii) bar chart highlighting the progress of engineering, procurement, construction, testing and commissioning activities of the Project, indicating the scheduled and actual progress;
- (iv) summary of any material changes to the Technical Specifications; and
- (v) description of any major problems, which could affect the Commercial Operation Date of the Units or the Project, including corrective measures proposed thereof.

5.9 Material Change in Technical Specification

The Company shall, before undertaking any modification to the Technical Specifications of the Project resulting in change of Contracted Performance Parameters (for the purpose of the PPA, such modifications being referred to as "Material Change") give PTC a written notice of such proposed modification. The Company shall not effect such Material Change to the Technical Specifications without the prior written approval of PTC (except when such modification is required pursuant to a Change in Law). The Company shall provide PTC with a full explanation of the reasons for the proposed Material Change duly certified by the Lender's Engineer and such other information regarding the proposed material change as PTC may reasonably require for PTC's approval, which approval shall not be unreasonably withheld. The final Capital Cost of the Project shall also include any such Material Change to technical specification.



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6.2 ARTICLE 6 SYNCHRONISATION, TESTING AND COMMISSIONING

6.1 Synchronization

6.1.1 The Company shall give PTC at least Forty Five (45) days' written notice of the date on which the Company intends to synchronize a Unit to the Grid, which date shall not be earlier than the Scheduled Synchronization Date, unless PTC consents to an earlier synchronization date in writing, for which the Company shall give a prior notice of one twenty (120) days and PTC shall give such consent if related transmission system is available. In the absence of such consent from PTC, the Company shall be free to carry out early synchronization to meet the requirements of the off-takers for the power other than Contracted Power without any obligation or liability to PTC.

6.1.2 A Unit may be synchronized to the Grid when:

- (i) its construction has been completed in accordance with the Technical Specifications;
- (ii) a copy of the Performance Test Procedures, which shall be in accordance with the Prudent Utility Practices and as approved by the Lender's Engineer has been provided to PTC;
- (iii) it meets all prevailing connection conditions prescribed in the IEGC and fulfils other requirements provided by Law for synchronization to the Grid; and
- (iv) it is capable of being operated safely in accordance with Prudent Utility Practices.

6.2 Performance Test Procedures

6.2.1 The Company shall along with the notice for synchronisation provide PTC with a document duly approved by the Lender's Engineer specifying the procedure for Initial Performance Tests, Commissioning and Periodic Capacity Tests ("Performance Test Procedures").

PTC shall within fifteen days of receipt of such document be free to inform the company of any suggestions that PTC may have on the said document and the company shall endeavour on best-effort basis to incorporate the same.

6.2.2 The Parties shall comply with the Performance Test Procedures established pursuant to Article 6.2.1. PTC shall arrange to make available necessary load required for the Company to successfully complete the Initial Performance Test and Periodic Capacity Test.



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PTC and the Company shall agree, in writing, to the list of pre-qualified engineering consulting firms, which shall be eligible to be appointed as the Engineer, one(1) year prior to RCOD of the first Unit and shall mandate such Engineer, six(6) months prior to RCOD of the first Unit;

Initial Performance Test

Following the finalization of the Performance Test Procedures pursuant to Article 6.2 after:

- (i) a Unit is complete in all respects in accordance with the Technical Specifications such that it is capable of safe operation in accordance with Prudent Utility Practices, the Consents, and Laws;
- (ii) the Company has delivered to PTC a completion certificate issued/certified by the Engineer.

The Company shall, at its own expense, conduct an Initial Performance Test comprising:

- (a) Unit Characteristics Tests;
- (b) Unit Capacity Tests;
- (c) Project Characteristics Test; and
- (d) Project Capacity Test;

in accordance with this Article 6.

After synchronisation, the Company shall give PTC and the Engineer at least fifteen (15) days' prior written notice of the date on which an Initial Performance Test will commence. The Company, PTC and the Engineer shall each designate and ensure attendance of their authorized representatives to witness the Initial Performance Test specified in this Article 6, and to monitor the measurements of various parameters required to be met under this Agreement. Testing and measuring procedures used in the Initial Performance Test shall be in accordance with the Performance Test Procedures pursuant to Article 6.2.

- 6.3.2 If the water flow is insufficient to conduct the Unit Capacity Test to determine the Nominal Capacity of the Unit but the Site conditions and the Grid parameters are within the Technical Limits specified in Schedule C, then subject to technical feasibility, such test shall be performed under the available conditions and the results shall be extrapolated in accordance with the procedure agreed to before conducting the Initial Performance Test. In the event that such test cannot be conducted, it shall be postponed to a date when sufficient water flow is available



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to conduct such test. In the event that such date after postponement of completion of such Unit Capacity Test is beyond the Required COD of the Project, the Company shall be paid provisional tariff in accordance with Schedule E for the scheduled energy that is made available to PTC until the date when the Initial Performance Test is completed successfully in accordance with the provisions of this Article 6.

Provided that the Engineer certifies that the Unit is ready and in a position to undergo such Unit Capacity Test but for such postponement.

Provided further that the provisional tariff shall be adjusted in accordance with Rated Capacity of the Unit as determined in the Unit Capacity Test.

6.3.3 If the water flow is insufficient to conduct the Project Capacity Test, but the Site conditions and the Grid parameters are within the Technical Limits specified in Schedule C, then such test may be postponed to a date, when sufficient water flow is available to conduct such test and the Company shall be paid provisional tariff in accordance with Schedule E, based on the aggregate of the Rated Capacity of the Units, subject to adjustment of the Tariff for the Rated Capacity as determined pursuant to the Project Capacity Test.

Provided that the Engineer certifies that the Project is ready and in a position to undergo such Project Capacity Test but for such postponement.

Provided further that the provisional tariff shall be adjusted in accordance with Rated Capacity of the Project as determined in the Project Capacity Test.

6.4 Unit Characteristics Tests

6.4.1 The Unit Characteristics Tests shall be conducted prior to the Unit Capacity Tests. The Unit Characteristics Tests shall be conducted to determine the following characteristics:

1. start-up time (the time taken between the initiation of the signal to open the main inlet valves (MIV) and the Unit's production of full load);
2. full load rejection test; and
3. Reactive Power capability.

6.4.2 The Unit shall have passed the Unit Characteristics Test, if it has successfully demonstrated its ability to operate in accordance with the Contracted Operating Characteristics specified in Schedule C.

6.5 Unit Capacity Test

6.5.1 A Unit shall have passed its Unit Capacity Test if it has successfully:



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- (i) passed the Unit Characteristics Test; and
- (ii) operated continuously for twenty four (24) hours at its Nominal Capacity in the Unit Capacity Test.

6.5.2 If the Tested Capacity of the Unit is more than the Nominal Capacity of the Unit, the Nominal Capacity of the Unit shall be taken as the Unit's Rated Capacity. If the Tested Capacity of the unit is less than the Unit's Nominal Capacity, the Tested Capacity shall be taken as the Rated Capacity.

6.6 Project Characteristics Test

6.6.1 Following the Unit Capacity Test of the last Unit and prior to the Project Capacity Test, the Project Characteristics Test shall be conducted to demonstrate satisfactory and efficient parallel operation of all the Units.

6.6.2 The Project shall have passed the Project Characteristics Test, if it has successfully demonstrated that the Units are capable of satisfactory and efficient parallel operation with equitable load sharing.

6.7 Project Capacity Test

6.7.1 Following the Project Characteristics Test, the Project Capacity Test shall be conducted to determine and demonstrate the Nominal Capacity of the Project. The Project shall have passed the Project Capacity Test, if the Project has successfully operated continuously for eight (8) hours at its Nominal Capacity of the Project during such Project Capacity Test.

6.7.2 If the Tested Capacity of the Project is more than the Nominal Capacity of the Project, the Nominal Capacity of the Project shall be taken as the Rated Capacity of the Project. If the Tested Capacity of the Project is less than the Nominal Capacity of the Project the Tested Capacity shall be taken as the Rated Capacity of the Project.

6.7.3 If the Tested Capacity of the Project is less than the Nominal Capacity of the Project, the Company shall be entitled to repeat such test in accordance with Article 6.9.

6.8 Certification of Test Results and COD

PTC, the Engineer, Lender's Engineer, and the Company, as present to witness the test shall jointly certify that the Unit or the Project has passed its Initial Performance Test on its successful completion. Upon such certification, such Unit or the Project shall be taken as Commissioned on the date on which the test



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was successfully completed. The Company, based on the demonstration of such test, shall declare the date of test as COD of the Unit or the Project.

6.9 Repeat Tests

If the Company fails to achieve the performance levels prescribed in relation to the Initial Performance Test, the Company shall be entitled to repeat any such test ("Repeat Test"), upon issue of a notice to PTC, in accordance with the procedure set out in Article 6.4 through 6.7. Provided that the Company shall not be entitled to perform more than two (2) Repeat Tests for each category of tests specified in Articles 6.4 through 6.7.

6.10 Initial Performance Test Failure

6.10.1 If, pursuant to the Unit Characteristics Test or the Project Characteristics Tests, a Unit or the Project, as the case may be, fails to pass such test even after Repeat Test(s), such failure shall constitute a Company Event of Default.

6.10.2 If the Tested Capacity of the Project is less than the Nominal Capacity of the Project, either on the Initial Performance Test or after Repeat Tests pursuant to Article 6.9, the Company shall, to the extent that shortfall in generation is attributable to shortfall in Tested Capacity of the Project with respect to the Nominal Capacity of the Project, supply power and energy corresponding to 704 MW in accordance with Schedule D to offset such shortfall in generation.

6.10.3 In the event that shortfall in the Tested Capacity of the Project either on the Initial Performance Test or after Repeat Tests pursuant to Article 6.9, results in the Company not being able to provide to PTC, power and energy corresponding to 704 MW in accordance with Schedule D it shall constitute a Company Event of Default.

6.11 Costs of Tests

6.11.1 The Company shall bear the costs for all Initial Performance Tests and Repeat Tests, except in the event where the provisions of Article 6.11.2(i) below shall apply.

6.11.2 In respect of any of tests specified in this Article, if PTC has any doubt regarding the performance levels notified by the company, PTC shall have the right, by issue of a written notice to the Company to ask the Company to repeat such tests, in such a case:

- (i) if the tests meet the performance levels prescribed under this Agreement, the costs of such tests shall be borne by PTC; and



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- (ii) if the tests fail to meet such prescribed performance levels, the costs shall be borne by the Company.

6.12 Commercial Operation Date of Project

6.12.1 In the event that the actual COD of the Project occurs prior to the Required COD of the Project with PTC's consent in accordance with Article 6.1.1, such day shall be taken as COD of the Project.

6.12.2 In the event that the actual COD of the Project occurs after the Required COD of the Project, such day on which the Project is actually Commissioned shall be taken as COD of the Project.

6.13 Delayed/Early Commissioning

6.13.1 Commissioning delay/early Commissioning by the Company

In case of delay in Commissioning, beyond the RCOD, the interest during construction for the period of delay or any increase in Capital Cost of the Project that would not have occurred but for such delay shall not be allowed to be capitalised for determination of tariff, except in case delay is due to any Force Majeure arising out of any 'act of God' as set out in Article 10.1.2(i) or geological surprises. In case of delay due to any 'act of God' as set out in Article 10.1.2(i) or geological surprises, increase in interest during construction or any increase in Capital Cost of the Project that would not have occurred but for such delay shall be allowed to be capitalized after setting off amount received from insurance coverage.

In case of Commissioning of the Project or part thereof before RCOD, the Company shall be eligible for incentive for an amount equal to pro rata reduction in interest during construction, achieved on account of commissioning ahead of schedule. The incentive shall be recovered through tariff in twelve (12) equal monthly instalments during the first year of operation of the Project.

6.13.2 Commissioning Delay on account of Delay in availability of Long Term Open Access

The Project being of vital nature, both the Parties shall use their good offices, with the concerned agencies, so that the long term open access is available coinciding with the COD. However, PTC shall not be liable for any payment to the Company as a result of delay in COD, if such delay is due to delay in availability of long term open access to the transmission system from the Delivery Point to the point(s) of drawal by the Purchaser(s).



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6.14 Evacuation of Output until COD of Units

At all times during start-up, preliminary testing or other operations of a Unit for achieving the COD of such Unit, and during the Initial Performance Tests, PTC shall arrange for the absorption of such energy by the CTU/Purchaser in its system subject to technical feasibility and at no expense to PTC. The tariff payment and corresponding reduction of Capital Cost of the Project shall be in accordance with Article 9.4.

6.15 Evacuation of Output after COD of the first Unit but prior to COD of Project

At all times after the COD of any Unit but prior to the COD of the Project, PTC shall arrange for the purchase of such power delivered from the Commissioned Unit. The Tariff payable by PTC to the Company for such Billable Power and Billable Energy shall be in accordance with Schedule E.



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ARTICLE 7 OPERATION AND MAINTENANCE

7.1 Company's Operation and Maintenance Responsibilities

7.1.1 The Company shall be responsible, at its own expense, for ensuring that the Project is operated and maintained in accordance with the relevant orders, notifications and regulations of the CERC, RLDC, RPC, Indian Electricity Grid Code, Connection Agreement, the Law, terms of all Consents and Prudent Utility Practices.

7.1.2 For operation and maintenance of the Project pursuant to Article 7.1.1 above, the Company may:

- (i) enter into an O&M Contract with an Operator, or
- (ii) itself operate and maintain the Project,

Provided that the appointment of such Operator or such other contractors by the Company shall not release the Company of any of its responsibilities in this regard under this Agreement.

7.2 Annual Generation and Scheduled Outage Plan

7.2.1 By the first (1st) day of October or any other day as mutually agreed to by the Parties, PTC shall notify to the Company of the anticipated levels of high demand and low demand periods for the following Operation Year and the restricted periods, up to four (4) months, in which Scheduled Outage is to be avoided.

7.2.2 Based on the information supplied by PTC pursuant to Article 7.2.1, the Company shall, within seven (7) days of receipt of such information, submit to PTC in writing, its proposal for the Scheduled Outages and Generation Plan ("Annual Generation Plan") in the following Operation Year along with such non outage period, not exceeding six months, during which scheduled outage may cause spillage of water.

7.2.3 Within fourteen (14) days of receiving the Company's proposal pursuant to Article 7.2.2 above, PTC shall notify the Company in writing whether the Company's proposal for Scheduled Outages for the following Operation Year is acceptable and, if not, PTC shall notify the periods that would be acceptable, which shall be:

- (i) as close as reasonably practical to the proposed period and shall comply with Technical Limits and Prudent Utility Practices and shall be of equal duration as the requested period;
- (ii) consistent with the time limits required or recommended by the manufacturer or supplier of the equipment; and
- (iii) other than the non outage period notified in accordance with Article 7.2.1 above.



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- (iv) such that single Scheduled Outage for a Unit shall not be split into two or more periods.

7.2.4 The Company may object to a Scheduled Outage proposed by PTC only on the grounds that it would be inconsistent with the requirements of Article 7.2.2. Unless the Company objects in writing within three (3) days after receiving the proposal, the Company shall be deemed to have agreed to the Scheduled Outages proposed by PTC. If the Company does object to a proposed Scheduled Outage within such period, the Parties shall meet and resolve the difference within four (4) days of the date of the Company's communication of objection to PTC, failing which the matter shall be referred to RPC for resolution.

7.2.5 Not later than the day specified in IEGC, the Company shall provide the RPC secretariat / Control Centre, as the case may be, and PTC, the Scheduled Outages for the following Operation Year, as agreed to by the Parties pursuant to Article 7.2.3.

7.2.6 In an emergency, the Control Centre may require the Company, if possible, to reschedule a confirmed Scheduled Outage.

7.2.7 The Annual Generation Plan and Scheduled Outage Plan shall include:

- (i) the availability of equipment, taking into account:
- the Scheduled Outages;
 - the expected Maintenance Outages;
 - any other relevant factors; and
- (ii) the expected generation based on latest information on the water flow and to avoid spillage of water.

The Annual Generation and Scheduled Outage Plan shall be finalized in accordance with the provisions of the Indian Electricity Grid Code.

7.3 Operation

7.3.1 Despatch Instructions

Control Centre will issue Despatch Instructions directing the Company to vary the Power Output and Reactive Power from the Project subject to the availability of water, reactive power capability of the Units, Prudent Utility Practices and the technical limits of the Project and Indian Electricity Grid Code.

7.3.2 Control Centre

7.3.2.1 The Company shall coordinate only with the Control Centre on all activities pertaining to control and operation of the Project. The Control Centre shall be the load control centre to which the generation notices of the Company including the Daily Generation Capability Schedule and Revised Generation Capability

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Schedule are issued by the Company, and which, in turn shall notify the SLDC and the Purchaser of all such generation notices.

7.3.2.2 During the Operation Period, if PTC establishes a control centre owned and/or operated and/or controlled by it in accordance with the IEGC and Law, then the Parties shall discuss and agree on the scheduling and dispatch procedures in accordance with the IEGC and the Law.

7.3.3 Efficient and Reliable Operation

The Company shall install, operate, and maintain a control system that will ensure efficient utilization of water (and the head and discharge existing at the time), taking into account power and energy requested by the Despatch instructions by optimizing the number of Units in operation in accordance with their individual efficiency characteristics and Prudent Utility Practices.

7.3.4 Deemed Generation

If the Control Centre issues a Despatch Instruction to the Company such that the Despatched Power is less than the Declared Capacity, and if the same would have resulted in corresponding spillage of water, such Deemed Power being limited to the Design Saleable Energy in any given year, the quantum by which the Despatched Power is less than the Declared Capacity, shall be the Deemed Generation and shall be treated as per the provisions of Schedule E. The provisions of Deemed Generation shall not apply to the extent of applicability of Article 8.1.3 and during any Force Majeure arising out of 'act of God' as set out in Article 10.1.2(i), affecting the Project or tie line (if any) or both.

7.3.5 Monitoring Notice

Whenever PTC has reason to believe that the Project may not be capable of performing consistently with the declarations contained in the Daily Generation Capacity Schedule or the Revised Generation Capacity Schedule, it may issue a notice to the Company through the Control Centre specifying that it wishes to monitor the Project's Declared Capacity ("Monitoring Notice") which shall state its reason for believing that the Project may not be capable of so performing. The Company shall not be entitled to any compensation whatsoever by reason of such monitoring of the Project.

7.3.6 Capacity Failure Adjustment

In the event of the occurrence of a Monitored Capacity Failure, provisions of Paragraph 16 of Schedule E shall apply.



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7.4 Maintenance Outages and Forced Outages

7.4.1 Whenever the Company requires a Maintenance Outage, it shall advise PTC of the nature of the work to be carried out, the estimated time required to complete such work and the latest time by which (in the Company's opinion) the work should commence consistent with Prudent Utility Practices (which shall not be earlier than twenty four (24) hours after the time when the Company advised PTC of the need for the Maintenance Outage).

7.4.2 Thereafter PTC shall advise the Company of the time for commencement of the requested Maintenance Outage (which shall not be later than three (3) hours prior to the latest time indicated by the Company). The Company shall use its reasonable endeavours consistent with Prudent Utility Practices to take the relevant Unit out of service at the scheduled time.

7.4.3 In case of a Forced Outage, the Company shall inform PTC and Control Centre telephonically followed by a message through fax within one hour of the outage, and justification for the Forced Outage shall be given in writing to PTC as soon as possible but not later than 3 days of such Forced Outage.

7.5 Maintenance of Operating Records

7.5.1 Each Party shall maintain complete and accurate records and all other data required for proper administration of this Agreement. The Company agrees to maintain an accurate and up-to-date operating log at the Project with records of:

- (i) Declared Capacity and Despatched Power for each Settlement Period;
- (ii) Power Output and Energy Output for each Settlement Period;
- (iii) Billable Energy and Billable Power for each Settlement Period;
- (iv) Maximum Available Capacity for each Settlement Period;
- (v) Deemed Generation and Deemed Power, along with the amount of water spilled during the relevant Settlement Period;
- (vi) head and discharge of water;
- (vii) changes in operating status, Scheduled Outages and Maintenance Outages;
- (viii) details and times of Grid failure and operation of Grid outside the Technical Limits;
- (ix) results of Periodic Capacity Tests; and

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- (x) any emergency conditions and unexpected occurrences discovered during inspections.

7.5.2 The control centre shall maintain the following records, provided that the control centre is PTC's own control centre:

- (i) Declared Capacity and Despatched Power for each Settlement Period;
- (ii) Power Output and Energy Output for each Settlement Period;
- (iii) Billable Energy and Billable Power for each Settlement Period;
- (iv) maximum available Capacity for each Settlement Period;
- (v) Deemed Generation and Deemed Power, along with the amount of water spilled during the relevant Settlement Period;
- (vi) details and times of Grid failure and operation of Grid outside the Technical Limits; and
- (vii) results of Periodic Capacity Tests;

7.5.3 Either Party shall have the right, upon reasonable prior written notice to the other Party, to examine the records, documents and data of the other Party relating to operation, maintenance, and despatch of the Project to the Grid at any time during normal business hours including at any time during the continuation of any dispute in respect of any matter to which such records relate. All such records shall be maintained for a minimum of sixty (60) months after the creation of such records, documents or data. For the purposes of this Agreement, records/data maintained by the Purchaser shall be deemed to have been maintained by PTC.

Provided that the Parties shall not dispose off or destroy any such records after such sixty (60) month period without thirty (30) days' prior written notice to the other Party. Notwithstanding the above, the records of head and discharge of water shall be maintained throughout the Operation Period.

7.6 Periodic Capacity Tests

7.6.1 PTC may, any time between April – September, during the Operation Period, issue a written notice to the Company to conduct one (1) Periodic Capacity Test, once in two (2) Operation Years, to demonstrate the Rated Capacity of the Project. Within fifteen (15) days of issue of a PTC's notice, the Company shall conduct a Periodic Capacity Test in accordance with the procedure for the Initial Performance Test



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specified in Articles 6.3 for a duration not exceeding eight (8) hours in respect of the Project Capacity Test.

PTC shall have the right to witness such Periodic Capacity Test.

6.2 For the purpose of despatching and billing, if the Tested Capacity of the Project pursuant to Article 7.6.1 is more than the Nominal of the Project, the Nominal Capacity of the Project shall be taken as the Project's Rated Capacity and if the Tested Capacity of the Project is less than the Project's Nominal Capacity, the Tested Capacity shall be taken as the Rated Capacity until the occurrence of the next such test.

7.6.3 If the Tested Capacity of the Project pursuant to Articles 7.6.2 is less than the previous Rated Capacity of the Project the Company shall be entitled to repeat such test ("Repeat Test") upon issue of a notice to PTC, in accordance with the procedure set out in Article 6.3. Provided that the Company shall not be entitled to perform more than two (2) Repeat Tests.

7.6.4 The Company shall bear the costs for all the Periodic Capacity Tests specified in Article 7.6.1 and Repeat Tests provided for in Article 7.6.3.

7.6.5 PTC, Lender's Engineer, and the Company, as present to witness the test shall jointly certify that the Unit or the Project has passed its Periodic Capacity Test on its successful completion.

7.7 Operational Committee Membership and Duties

7.7.1 At least six months before the scheduled COD of the project, the parties shall establish an Operational Committee comprising six (6) members. The Company and PTC shall each appoint two (2) members each. One member each from the CTU and the transmission licensee can be co-opted in the committee. The chairman and/or convener of the Committee will be appointed by the Company. The Operational Committee shall be responsible for the co-ordination of the interface of the Project and the Grid. The duties of Operational Committee shall include,

- (i) Finalization of operating procedures: By one hundred and twenty (120) days before the Scheduled Synchronization Date of the first Unit, the Committee shall finalize the operating procedures dealing with all operation interfaces between PTC and the Company including, but not limited to, the method of day-to-day communication, clearances and switching practices, outage scheduling, emergency power supply, capacity and energy reporting, operating log and Reactive Power support, Monitoring Notice compliance and critical event reporting ("Operating Procedures"). The Parties shall comply with the Operating Procedures.



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The Parties may, by mutual agreement, amend the Operating Procedures at any time during the Term of Agreement, as may be required.

(ii) the discussion on the steps to be taken on the occurrence of any event of Force Majeure, or the shut down or reduction in capacity or any other event of concern, relating to the interconnection facilities, transmission facilities or the Project;

(iii) the co-ordination of Scheduled Outage;

(iv) the co-ordination of demand/generation forecast and/or any other operational requirements from the Project;

(v) Periodic review of the Operating Procedures.

(vi) monitoring of implementation of emergency plans developed by PTC for recovery from an electrical blackout; in so far as it relates to the Project;

(vii) review of protection schemes and devices, including relay settings etc., and

(viii) any other mutually agreed matter affecting the operation of the Project with the Grid.

7.7.2 The Operational Committee may agree upon timing and procedures for the holding of meetings, the records of meeting and the appointment of sub-committees.

7.8 Unscheduled Interchange charges

Each Party shall be responsible for deviations made by it from the Despatch Schedule and for any resultant liabilities on account of Unscheduled Interchange charges.



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ARTICLE 8 INTERCONNECTION, TRANSMISSION, METERING AND ENERGY ACCOUNTING

8.1 Interconnection Facilities and Transmission Facilities

8.1.1 Responsibilities

The Company shall be responsible for the design, construction, Commissioning, operation and maintenance of the Interconnection Facilities of the Company. PTC shall enter into or require the Purchaser to enter into a bulk power transmission agreement with the CTU, in accordance with the CERC Interstate Transmission Regulations, for transmission of Contracted Power from the Delivery Point to the drawal points of the Purchasers.

8.1.2 Connection Agreement

For facilitating evacuation of the Contracted Power, the Company shall enter into a Connection Agreement with the CTU in accordance with the provisions of IEGC.

8.1.3 Breakdown of the Grid

In the event that Declared Capacity is not evacuated due to breakdown of the Grid beyond the Delivery Point:

- (i) PTC shall not make Tariff Payments to the Company for the period of such breakdown, if such period of breakdown lasts for not more than one hundred sixty eight (168) hours on a cumulative basis in any Tariff Year;
- (ii) Deemed Generation shall apply in accordance with this Agreement to the Company only for the period of such breakdown exceeding one hundred sixty eight (168) hours on a cumulative basis in any Tariff Year.

8.2 Metering

8.2.1 Installation of Meters

All Meters shall be installed by the Company at its own cost. Each Meter shall be of static type, conforming to latest IEC-687/IEC-62053-22, and shall meet the requirements of IEGC. Each Meter shall be capable of displaying the following parameters by turn on demand and storing all such parameters for a period of ten (10) days:

- (i) average frequency for each successive 15 minute block, as a two digit code (00 to 99 for frequency from 49.0 to 51.0 Hz).



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- (ii) net Wh transmittal during each successive 15 minute block, up to second decimal, with plus/minus sign.
- (iii) cumulative Wh transmittal at each midnight, in six digits including one decimal.
- (iv) cumulative VARh transmittal at voltages above 103% of the nominal voltage at interconnection Point, at each midnight, in six digits including one decimal.
- (v) cumulative VARh transmittal at voltages below 97% of the nominal voltage at interconnection Point, at each midnight, in six digits including one decimal, and
- (vi) date and time blocks of failure of voltage transformer supply on any phase, as a star (*) mark.

A set of Meters comprising (a) a set of Main Meters and (b) a set of Check Meters shall be installed by the Company on each circuit of the outgoing transmission lines so as to record fundamental frequency quantities of both Active Energy and reactive energy for (a) energy exported by the Project to the Grid during each Settlement Period and (b) energy imported by the Project from the Grid during each Settlement Period.

One such set of Meters shall be installed by the Company at the interconnection Point and One complete set of tested, calibrated and sealed Meters shall be kept as spare in safe custody of the Company. All such Meters shall be sealed in the presence of the CTU (Project State Utility) and the Company, which seal shall remain intact unless it is broken by the Testing Laboratory for testing and calibration.

8.2.2 Accuracy class, Testing and Calibration of Meters

8.2.2.1 The accuracy class of measuring instruments shall be equal to or better than:

- (a) 0.2% for Wh measurement of Meters;
- (b) 2% for KVARh measurement of Meters; and
- (c) 0.5% for current transformers and voltage transformers;

8.2.2.2 All the Main Meters and Check Meters shall be tested and calibrated by a reputed Testing Laboratory. The Meters (and associated circuits, if necessary) shall be tested and calibrated in accordance with the provisions set out in the Connection Agreement and IEGC, at least once in two (2) Tariff Years, or at any time when the difference between the readings of the Main Meter and the corresponding Check Meter is found to exceed zero point four percent (0.4%). The Company shall bear the cost of testing and calibration of the Meters. The



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Meters shall be sealed in the presence of PTC, CTU/Transmission Licensee and the Company. PTC may also witness, at their cost, such testing and calibration of the Meters. The Meter calibration report shall be furnished to all the parties concerned. The Party, which requests for any additional testing and calibration of the Meters, shall bear the cost of such testing and calibration. A notice of seven (7) days shall be issued by the Party which arranges for such testing and calibration, to enable authorized representatives of the other parties to witness the testing and calibrating of Meters.

8.2.3 Inaccuracy of Meters

8.2.3.1 If during any testing and calibration, a Main Meter is found to be within zero point two percent (0.2%) permissible limit of error and the corresponding Check Meter is found to be beyond such limit of error, the Monthly Bill shall be as per the reading of the Main Meter. The corresponding Check Meter shall be replaced forthwith with the spare tested Meter and the defective Check Meter shall be repaired and calibrated by the Testing Laboratory or replaced by a new and tested Meter.

8.2.3.2 If during any testing and calibration, a Main Meter is found to be beyond zero point two percent (0.2%) permissible limit of error but the corresponding Check Meter is found to be within limit of error, the Monthly Bill shall, for that Month and till the date and time of the repair and calibration or replacement of the defective Main Meter, be as per the reading of the Check Meter. The corresponding Main Meter shall be replaced forthwith with a spare tested and calibrated Meter, and the defective Main Meter shall be repaired and calibrated by the Testing Laboratory or replaced by a new and tested Main Meter.

8.2.3.3 If during any testing and calibration, a Main Meter and the corresponding Check Meter are both found to be beyond zero point two percent (0.2%) permissible limit of error, both the Meters or at least the Main Meter shall be replaced forthwith with a spare tested calibrated meter.

8.2.3.4 For the purpose of payment adjustment for a period:

- (a) commencing from the earlier of:
- (i) the time when the difference between the readings of the Main Meter and the Check Meter exceeded zero point four percent (0.4%), or
 - (ii) the time when both the Main Meter and the Check Meter were found to be beyond permissible error; and
- (b) ending on the date of replacement by:
- (i) new and tested Meters, or



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- (ii) repair, calibration and reinstallation of the old Meters.

the Power Output and Energy Output shall be recalculated as ninety eight point eight percent (98.8%) of the metered gross power and gross energy respectively at generator terminals and further adjusted for transmission losses up to the Delivery Point, if any.

8.2.3.5 If both the Main Meter and Check Meter fail to record, then the Tariff shall be computed for that period of defect or failure by calculating the Power Output and Energy Output as ninety eight point eight percent (98.8%) of the metered gross power and gross energy respectively at generator terminals and further adjusted for transmission losses up to the Delivery Point, if any.

8.2.4 Daily Meter Output

Meter output of the Main Meters and Check Meters installed at the Interconnection Point shall be taken as at 24:00 hours on each day and the following data shall be furnished by the Company to PTC by 12:00 hours on the following day:

- (i) total Energy Output and the Billable Energy from 00:00 hours to 24:00 hours of the relevant day;
 - (ii) Deemed Generation from 00:00 hours to 24:00 hours of the relevant day;
- 8.2.5 On or before the fifth (5th) day of each Month, the Company shall furnish the following data along with the Monthly Bill (along with a soft copy by courier and / or electronic mail):
- (i) the total Energy Output, Billable Power and Billable Energy during the relevant Month, and up to the last day of the relevant Month, commencing from the first (1st) day of the Tariff Year;
 - (ii) the Deemed Generation during the relevant Month and up to the last day of the relevant Month, commencing from the first (1st) day of the Tariff Year;
 - (iii) the Billable Energy, Energy Output and the Deemed Generation of each day of the relevant Month;
 - (iv) details of the capacity reduction attributable to Monitored Capacity Failure and the Settlement Period in which such Monitored Capacity Failure has occurred each day of the relevant month; and
 - (v) The Company shall submit Maximum Available Capacity for Peak Hours and relevant documents and detailed calculation in support of the claim of

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- (a) Deemed Generation;
- (b) capacity reduction for Monitored Capacity Failure;

8.2.6 The Company and PTC shall each maintain, in respect of the Project

- (i) all Daily Generation Capability Schedules and revised Daily Generation Capability Schedules and corresponding Daily Despatch Schedules and Revised Despatch Schedules;
- (ii) all meter records;
- (iii) all data collected for the purpose of Article 8.2.4 and 8.2.5 above;
- (iv) records of the Daily Generation Capability Schedules on monthly and annual basis;
- (v) records of Scheduled Outages, Maintenance Outages and Forced Outages; and
- (vi) any other records in relation to the Energy Output and the Power Output.

Such records may be inspected by the other Party during normal business hours upon reasonable written notice of the same (including at any time during the pendency of any breach under this Agreement). For the purposes of this Agreement, records/data maintained by the Purchaser shall be deemed to have been maintained by PTC.

8.3 Energy Accounting

8.3.1 Regional Energy Account

The appropriate agency shall issue Regional Energy Accounts (REA) based on the data provided by the Control Centre and such REAs shall be subject to subsequent corrections by such appropriate agency. The REA as finalized shall be binding on the Parties. The values of the Deemed Generation and Monitored Capacity Failure used for determination of Tariff Payment in the previous Monthly Bills and Supplementary Bills shall be adjusted in accordance with the finalized REA. Accordingly, the Company or PTC, as the case may be, shall raise a Supplementary Bill for adjustment of the Tariff Payment or any other amounts due.

8.3.2 Determination of Deemed Generation

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The Deemed Generation arising out of Despatch Instructions shall be determined in accordance with Schedule E. The claim of Deemed Generation shall be supported by the relevant Despatch Instructions / directions issued by the Control Centre.

8.3.3 If the energy delivered by the Project at the Delivery Point in accordance with the REA differs from that computed in accordance with the Despatched Power notified by the Control Centre in its Despatch Schedule or Revised Despatch Schedule, the adjustment in the computation of the energy and power for the purpose of Tariff Payment shall be made in accordance with REA.

8.4 Load despatch centre charges

All Control Centre/SLDC charges applicable up to the Delivery Point shall be borne by the Company and billed to PTC in accordance with Schedule E while those beyond the Delivery Point shall be borne directly by PTC.



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ARTICLE 9 BILLING AND PAYMENT

9.1 General

9.1.1 From the Commercial Operation Date (COD) of the first Unit of the Project, PTC shall pay the Company. Tariff Payment calculated in accordance with this Article 9 and Schedule E. The payment shall be made against the Monthly Bills raised by the Company for each Month. All Tariff Payments by PTC shall be in Indian Rupees.

9.1.2 Determination of Tariff would be subject to approval by Appropriate Commission, subject to Article 9.1.1.

9.1.3 A petition for approval of Tariff for sale of the generated power in accordance with this Agreement shall be filed by the Company before the Appropriate Commission and PTC shall extend all possible assistance and cooperation to the Company for the same. The Tariff as approved by such Appropriate Commission will be applicable for purchase and sale of the Contracted Power and Contracted Energy.

9.2 Delivery of Monthly Bills

The Company shall issue to PTC a signed Monthly Bill for the immediately preceding Month on the 5th day of each month, in accordance with this Agreement.

Provided that:

(i) if the first Unit has achieved COD during the period between the first (1st) day and up to and including the fifteenth (15th) day of a Month, the first Monthly Bill shall be issued for the period until the last day of such Month,

or

(ii) if the first Unit has achieved COD after the fifteenth (15th) day of a Month, the first Monthly Bill shall be issued for the period commencing from the COD of the first Unit until the last day of the immediately following Month.

Provided further that if a Monthly Bill is received before the fifth (5th) day of a Month, it shall be deemed to have been received on the fifth (5th) day of such Month and if such fifth (5th) day is not a Business Day, the immediately succeeding Business Day.

Each Monthly Bill shall include:

- (i) Meter output for the relevant Month referred to in Article 8.2;

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- (ii) the Company's computation of Tariff Adjustment;
- (iii) the Company's computation of Tariff Payment for the relevant Month in accordance with Schedule E; and
- (iv) supporting data, documents and calculations and Due Date in accordance with this Agreement.

9.3 Payment of Monthly Bills

- 9.3.1 Both Parties expressly agree that the essence of Articles 9.3 and 9.4 is timely payment by PTC for the Monthly Bills issued by the Company to PTC in accordance with this Agreement.
- 9.3.2 PTC shall remit the amount payable under the Monthly Bill on the Due Date to the Designated Account of the Company, as shall have been previously notified by the Company to PTC in accordance with 9.3.4 below.
- 9.3.3 All payments required to be made under this Agreement shall be made without any deduction or set off except for:
- (i) rebates provided under this Agreement;
 - (ii) deductions required by the Law;
 - (iii) any debit note raised for adjustments in Tariff required by the terms of this Agreement but not reflected in the Monthly Bill; and
- 9.3.4 The Company shall open a separate bank account, with a scheduled bank at a branch, having Real Time Gross Settlement facility, in Delhi (the "Designated Account") for all payments to be made by PTC to the Company, and notify PTC of the details of such account at least thirty (30) days before the dispatch of the first Monthly Bill to PTC. PTC shall instruct its bankers to make all payments under this Agreement to the Designated Account and shall notify the Company of such instructions within three (3) Business Days. The date of such amount being made available to the bank of the Company shall be deemed to be the date of payment by PTC under this Agreement. PTC shall also designate a bank account at Delhi for payments to be made by the Company (including Supplementary Bills) to PTC and notify the Company of the details of such account by the COD of the first (1st) Unit.
- 9.3.5 If PTC pays amounts against a Monthly Bill or Supplementary Bill (either directly or through drawdown of Letter of Credit on request from PTC) within ten (10) days of receiving such bill, PTC shall be entitled to a Payment Rebate of 2%, and if PTC pays amounts against a Monthly Bill or Supplementary Bill after 10 days of

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its receipt but not later than the Due Date, PTC shall be entitled to a Payment Rebate of 1%. Such rebate shall be deducted from the amount of the Monthly Bill or Supplementary Bill, as applicable, by PTC, at the time of payment, and the payment shall be made to the Company accordingly.

9.3.6 In the event of delay in payment of a Monthly Bill by PTC or Supplementary Bill by either Party, beyond a period of thirty (30) days from the Due Date, a Payment Surcharge shall be payable at the rate of simple interest of 1.25% per month on the outstanding amount of payment, calculated for each day of delay, and such Surcharge shall be added to the amount of the Monthly Bill or Supplementary Bill as the case may be, and the payment made to the Company accordingly.

9.4 Payments for Infirm Power

PTC shall pay to the Company, should the Company claim, for the Infirm Power generated by a Unit and to the extent sold onwards by PTC. The rate for Infirm Power shall be as per Schedule E. Each monthly payment should be made within the Due Date of payment as applicable for Monthly Bill. The Capital Cost shall however be reduced by an amount equal to the total amount of bill(s) for infirm energy subject to payment by PTC.

9.5 Payment Security Mechanism

9.5.1 PTC shall provide to the Company a monthly revolving and irrevocable Letter of Credit opened and maintained by PTC which may be drawn upon by the Company in accordance with Articles 9.5.2 through 9.5.6 in respect of all payments due under this Agreement.

9.5.2 By one (1) Month prior to the COD of the first (1st) Unit, PTC shall through a scheduled bank at Delhi, open a monthly, revolving and irrevocable Letter of Credit valid for one (1) year, in favour of the Company, to be made operative from the COD of the first (1st) Unit under this Agreement. Notwithstanding PTC's obligations under Article 9.5.1, the value of L/C will be computed separately for each half year period on the basis of the Contracted Energy figures for the respective half year period in accordance with Schedule D. Such value of L/C for each half year shall be one (1) Month's peak Monthly Bill for that half year.

The two half years of a year shall be April to September and October to March respectively. However in case the COD of a Unit/Project is not on the first (1st) day of the half year, then that half year will start from the date of COD till end of that half year.

Provided that the Company shall not draw upon such Letter of Credit prior to the Due Date, unless such drawal is made on the request of PTC in accordance with Article 9.3.5.

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- 9.5.3 PTC shall require the scheduled bank issuing the irrevocable Letter of Credit to intimate the Company regarding establishing of such irrevocable Letter of Credit to the Company in writing.
- 9.5.4 If PTC fails to pay a Monthly Bill or part thereof within and including the Due Date, then, the Company may draw upon the Letter of Credit for an amount equal to such Monthly Bill or part thereof plus Payment Surcharge, if applicable, by presenting to the scheduled bank, issuing the Letter of Credit, the following documents:
- (a) a copy of the Monthly Bill which has remained unpaid by PTC;
 - (b) a certificate from the Company to the effect that the bill at item (i), or specified part thereof, above has remained unpaid beyond the Due Date; and
 - (c) calculations of applicable Payment Surcharge in accordance with Article 9.3.6.
- 9.5.5 PTC shall ensure that the Letter of Credit shall be renewed not later than 30 days prior to its expiry.
- 9.5.6 All costs relating to opening and renewal of the Letter of Credit, including commitment and usance, negotiation and drawal of bills against such Letter of Credit shall be borne by PTC. If confirmation of the Letter of Credit is required by the Company, charges towards the same shall be borne by the Company.
- 9.5.7 By mutual agreement between the Company and PTC, the Letter of Credit may also be substituted by an unconditional and irrevocable bank guarantee or an equivalent instrument.
- 9.5.8 (a) PTC shall ensure that payments due from the Purchaser under the Power Sale Agreement shall be received in a Bank Account (hereinafter referred to as the "Revenue Collection Account"), maintained by PTC in a scheduled Bank at New Delhi ("Designated Bank").
- (b) The Company shall during the Term of this Agreement have a lien on the amounts due and received in the Revenue Collection Account. PTC shall give irrevocable instruction in accordance with Article 9.5.2 to the Designated Bank that in the event PTC does not replenish the L/C or if enforceable L/C is not in place to secure payment to the Company at any time for whatever reason, the Designated Bank shall forthwith cease to honour any withdrawal or transfer instructions from PTC, and make only payments due to the Company in accordance with this Agreement.

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intimation by the managing director/chief executive officer of the Company evidencing PTC's failure to replenish the L/C alongwith the documents set out in Article 9.5.4, shall be taken as final and binding instructions for the the Designated Bank to release the amounts due to the Company.

- (c) In the event the Company is unable to realize the payments due from PTC under this Agreement by recourse to the Revenue Collection Account, PTC shall be obliged to invoke the Payment Security Mechanism under the Power Sale Agreement and discharge its payment obligations under this Agreement.

9.6 Disputed Bill

- 9.6.1 If a Party does not dispute a Monthly Bill or a Supplementary Bill raised by the other Party within thirty (30) days of receiving it, such bill shall be taken as conclusive.

Provided that in case any evidence from an outside source relating to any discrepancy in such bill comes to notice at a later date, the affected Party may dispute such bill within a period of thirty (30) days of disclosure of such evidence.

- 9.6.2 If a Party disputes the amount payable under a Monthly Bill or a Supplementary Bill, as the case may be, that Party shall, within thirty (30) days of receiving such bill, issue a notice (the "Bill Dispute Notice") to the invoicing Party setting out:

- (i) the details of the disputed amount;
- (ii) its estimate of what the correct amount should be; and
- (iii) all written material in support of its claim.

- 9.6.3 If the invoicing Party agrees to the claim raised in the Bill Dispute Notice issued pursuant to Article 9.6.2, the invoicing Party shall revise such bill within fifteen (15) days of receiving such notice and make a refund to the disputing Party within thirty (30) days of receiving such notice.

- 9.6.4 If the invoicing Party does not agree to the claim raised in the Bill Dispute Notice issued pursuant to Article 9.6.2, it shall, within fifteen (15) days of receiving the Bill Dispute Notice, furnish a notice to the disputing Party providing:

- (i) reasons for its disagreement;
- (ii) its estimate of what the correct amount should be; and
- (iii) all written material in support of its counter-claim.

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Upon receipt of such notice of disagreement to the Bill Dispute Notice, authorized representative(s) of a director of the board of directors of each Party shall meet and make best endeavours to amicably resolve the dispute within fifteen (15) days of receiving such notice of disagreement to the Bill Dispute Notice.

9.6.5 If the Parties do not amicably resolve the dispute within fifteen (15) days of receipt of notice of disagreement to the Bill Dispute Notice pursuant to Article 9.6.4, the matter shall be referred to Arbitration in accordance with Article 13.

9.6.6 Notwithstanding the Bill Dispute Notice issued pursuant to Article 9.6.2, all amounts under a Monthly Bill or a Supplementary Bill shall be paid by the Party, which has received such bill, by the Due Date, and the existence of a dispute relating to a bill shall not relieve either Party of its obligations under this Agreement, provided that such payments, shall be without prejudice to the other rights of such Party under this Agreement. A Supplementary Bill with respect to Change in Law, which is disputed by PTC shall be payable by PTC to the Company only upon conclusion of Arbitration and in accordance with the award. The amounts payable consequent to such Arbitration award relating to original bill amount shall attract Payment Surcharge at the rate of simple interest of 1.25% per month, calculated for each day of delay from the original Due Date.

9.6.7 If a dispute regarding a Monthly Bill or a Supplementary Bill is settled pursuant to Article 9.6.4 or by Arbitration in favour of the Party that issues a Bill Dispute Notice, the other Party shall refund the amount incorrectly charged by it from the disputing Party within five (5) days of the dispute either being amicably resolved by the Parties pursuant to Article 9.6.4 or settled by arbitration in accordance with Article 9.6.5 along with interest. Such interest shall accrue on a day to day basis for the period between the date of payment of the disputed bill and receipt of refund by the disputing Party at a rate equal to the simple interest of 1.25% per month, calculated for each day of delay from the original Due Date.

9.7 Change in Law Claim and Payment

9.7.1 Subject to Change in Law provisions in Article 11, the procedure for claim and payment set out in this Article 9.7 applies if a Change in Law occurs during the Operation Period.

Provided that any payment on account of a Change in Law claim shall normally be made through Tariff Adjustments and until such time through:

- (i) issue of a Supplementary Bill by the Party which claims the Change in Law; and
- (ii) payment by the other Party against such Supplementary Bill.

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9.7.2 The Tariff Adjustment for Change in Law shall be determined in accordance with Article 11.2 and such adjustments shall take place once in a Tariff Year. Until such Tariff Adjustment, payment for Change in Law shall be made through Supplementary Bills.

9.7.3 For claiming a Change in Law under this Article, the Company shall issue a notice to PTC as soon as reasonably practicable after it becomes aware of the Change in Law event, but not later than one(1) year after the date of notification of such Change in Law. PTC may also issue a notice to the Company for claiming a Change in Law under this Article after it becomes aware of such Change in Law event, but not later than one(1) year after the date of notification of such Change in Law.

9.7.4 A Change in Law notice issued by any Party must, *inter alia*, contain:

- (i) precise details of the applicable Change in Law;
- (ii) the estimated impact of such applicable Change in Law;
- (iii) the estimated Tariff Adjustment; and
- (iv) all documents and calculations in support of Change in Law claim.

9.7.5 In the event the Change in Law notice is issued by PTC to the Company, the Company shall notify in writing its consent to or disagreement with such notice to PTC within a period of thirty (30) days of receipt of such notice.

In the event the Change in Law notice is issued by the Company to PTC, PTC shall notify in writing its consent to or disagreement with such notice to the Company within a period of forty five (45) days of receipt of such notice.

Provided that if PTC notifies its consent to the Company in relation to a Change in Law notice issued by the Company, the Company and PTC shall issue an amendment to effect the agreed change in Tariff within thirty (30) days of reaching such agreement.

Provided that if the Company notifies its consent to PTC in relation to a Change in Law notice issued by PTC, the Company and PTC shall issue an amendment to effect the agreed change in Tariff within thirty (30) days of reaching such agreement.

Provided further that if either Party notifies its disagreement with the subject

matter of such notice, such disagreement shall be settled in accordance with the procedure laid down in Article 13.



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In case, the matter goes to Arbitration in relation to a Change in Law notice, the Company acknowledges that with the Company's consent, which it shall not unreasonably withhold, the Purchaser may, on PTC's behalf, participate in such Arbitration. The Arbitration award shall be binding on the Parties. In case any Party does not participate in the Arbitration process, it shall also be bound by such Arbitration award.

9.8 Quarterly and Annual Reconciliation

Both Parties acknowledge that all payments made against Monthly Bills and Supplementary Bills shall be subject to quarterly reconciliation at the end of each quarter of each Tariff Year and annual reconciliation at the end of each Tariff Year to take into account REA, Tariff Adjustments, or any other reasonable circumstance provided under this Agreement. The Parties, therefore, agree that as soon as all such data in respect of any quarter of a Tariff Year or a full Tariff Year as the case may be, has been finally verified and adjusted, the Parties shall jointly sign such reconciliation statement. Within fifteen (15) days of signing of a reconciliation statement, the Company or PTC, as the case may be, shall raise a Supplementary Bill for the Tariff Adjustments for the relevant Tariff Year and payment of such Supplementary Bill shall be made in accordance with Article 9.6.

9.9 Payment of Supplementary Bill

9.9.1 Either Party may raise a bill on the other Party ("Supplementary Bill") for payment on account of:

- (i) adjustments required by the REA,
- (ii) Tariff Adjustment,
- (iii) Change in Law,
- (iv) Tax on Income,
- (v) Any other payment due in accordance with this Agreement;

and such Bill shall be paid by the other Party.

9.9.2 PTC shall remit all amounts due under a Supplementary Bill raised by the Company to the Company's Designated Account by the Due Date and notify the Company of such payment within three (3) Business Days. Similarly, the Company shall pay all amounts due under a Supplementary Bill raised by PTC by the Due Date to PTC's designated bank account and notify PTC of such remittance within three (3) Business Days. For such payments, rebates as

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applicable to Monthly Bills pursuant to Article 9.3.5 shall apply and surcharge as applicable to Monthly Bills pursuant to Article 9.3.6 shall apply.

Provided that the Due Date for Supplementary Bills raised by the Company for Change in Law, and not disputed by PTC, shall be forty five (45) days from the date of billing.

9.10 Payment for Construction and Start-up Power

The Company shall pay the Project State Utility / CTU for the power and energy consumed, if any, for start up of the Units in accordance with any agreements as the Project State Utility / CTU may require the Company to execute.



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ARTICLE 10 FORCE MAJEURE

10.1 Definitions

In this Article 10, the following terms shall have the following meanings:

10.1.1 Affected Party

means the Company or PTC, whose performance has been affected by an event of Force Majeure.

An Event of Force Majeure affecting the CTU or Transmission Licensee shall be deemed to be an event of Force Majeure affecting the Party which has taken long term open access, subject to such Party complying with the other requirements of this Article.

An Event of Force Majeure affecting the Purchaser shall be deemed to be an event of Force Majeure affecting PTC, subject to PTC complying with the other requirements of this Article.

An event of Force Majeure affecting the performance of the Construction Contractor shall be deemed to be an event of Force Majeure affecting the Company, subject to the Company complying with the other requirements of this Article.

10.1.2 Force Majeure

means any event or circumstance or combination of events and circumstances including those stated below that wholly or partly prevents or unavoidably delays an Affected Party in the performance of its obligations under this Agreement, but only if and to the extent that such events or circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided if the Affected Party had taken reasonable care or complied with Prudent Utility Practices:

- (i) any act of God, including lightning, drought, fire, explosion, earthquake, volcanic eruption, landslide, flood, cyclone, typhoon, tornado, thunderstorm or exceptionally heavy rains, or
- (ii) any explosion, accident, breakage of facilities, plant or equipment, structural collapse or a chemical contamination caused by a person not being the Affected Party (or an Affiliate, contractor or any other person acting under the direction or control of such Affected Party) and not being due to inherent defects in the Project or the Transmission Facilities, or
- (iii) any epidemic, plague or quarantine, or

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- (iv). meteorite crash, air crash, objects falling from aircraft, or other flying devices or vehicles, pressure waves caused by aircraft or aerial devices travelling at supersonic speed, shipwreck, train wrecks, or
- (v). any act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo (including, causing unavailability or shortage of fuel or materials), revolution, riot, insurrection, civil commotion, religious strife, communal violence, act of terrorism, extremist action or politically motivated sabotage or abduction, or
- (vi). radioactive contamination or ionizing radiation, or
- (vii). strikes, sabotage, go-slows or similar industrial disputes at the Project or at the plant manufacturer works, or the Grid excluding such events which are site specific and / or attributable to the Company, or
- (viii). expropriation, requisition, confiscation, nationalization, export or import restrictions, requirements, action or omissions to act on the part of any Government instrumentality or any person controlled by a Government instrumentality, provided such adverse action or inaction did not result from the non-compliance of any applicable Law by the Affected Party; or
- (ix). archaeological findings or adverse geological conditions that were not reasonably foreseeable; or
- (x). any act of Government instrumentality, or
- (xi). any event or circumstance of a nature analogous to any of the foregoing.

10.2 Non Force Majeure Events

None of the following conditions shall constitute an event of Force Majeure, unless the existence of such condition is the result of an event of Force Majeure:

- (i) late delivery of plant, machinery, equipment, material spare parts, or
- (ii) a delay in the performance of any Construction Contractor, or
- (iii) strikes or boycotts interrupting supplies and services to the Project particular to the Company and involves the Company, the Company's contractors or their respective employees, agents or representatives or any strike or boycott attributable to any unfair policy or practice of the aforementioned persons.
- (iv) economic hardship or financial inability.

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10.3 Notification of Force-Majeure Event

10.3.1 The Affected Party shall give notice to the other Party of any event of Force Majeure as soon as reasonably practicable, but not later than seven (7) days after the date on which such Affected Party knew or should reasonably have known of the commencement of the event of Force Majeure. If an event of Force Majeure results in a breakdown of communications rendering it not reasonably possible to give notice within the applicable time limit specified herein, then the Party claiming Force Majeure shall give such notice as soon as reasonably possible after reinstatement of communications, but, not later than one (1) day after such reinstatement. Such notice shall include full particulars of the event of Force Majeure, its effects on the Party claiming relief and the remedial measures proposed, and the Affected Party shall give the other Party regular reports on the progress of those remedial measures and such other information as the other Party may reasonably request about the situation.

10.3.2 The Affected Party shall give notice to the other Party of (i) the cessation of the relevant event of Force Majeure; and (ii) the cessation of the effects of such event of Force Majeure on the performance of its rights or obligations under this Agreement, as soon as practicable after becoming aware of each of these cessations.

10.4 Duty to perform and duty to mitigate

To the extent not prevented by a Force Majeure event pursuant to Article 10.1.2, the Affected Party shall continue to perform its obligations pursuant to this Agreement. The Affected Party shall use its reasonable efforts to mitigate the effect of any event of Force Majeure as soon as practicable. Provided that no Party shall be required under this Article to settle any strike or labour dispute it considers being unfavourable to it.

10.5 Failure or delay caused by Force Majeure

Neither Party shall be liable for any failure or delay in complying with its obligations pursuant to this Agreement to the extent that such failure or delay has been caused or contributed to by one or more events of Force Majeure or their effects or by any combination thereof subject to Article 14.1 or Article 14.2, as applicable. The period allowed for the performance by the Affected Party of its obligations hereunder shall be extended by one day for each day of continuation of an event or events of Force Majeure.

Provided that such extension may be for such additional duration as may be required to compensate for any delay or failure resulting from the time spent on demobilisation and remobilisation of personnel and restoration of the Project or the Transmission Facilities or the Interconnection Facilities, as the case may be,

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after cessation of an event or events of Force Majeure, to the pre-delay condition, assuming diligent compliance by such Party.

10.6 Extended Force Majeure

The continuance of Force Majeure for a period of 12 consecutive months shall constitute Extended Force Majeure. In the event of an Extended Force Majeure, either Party may terminate the Agreement pursuant to Article 14.

10.7 Consequences of Payment During Force Majeure Event

Except for any Force Majeure arising out of 'act of God' as set out in Article 10.1.2(i), affecting the Project or tie line (if any) or both, the Company shall be entitled to claim Deemed Generation in accordance with Schedule E.



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ARTICLE 11 CHANGE IN LAW

11.1 Definitions

In this Article 11, the following terms shall have the following meanings:

11.1.1 "Change in Law" means:

(i) the enactment, bringing into effect, adoption, promulgation, amendment, modification or repeal, after the date of this Agreement, of any statute, decree, ordinance or other law, regulation, notice, circular, code, rule or direction by any Governmental Instrumentality or a change in its interpretation by a Competent Court of law, tribunal, government or statutory authority.

(ii) The imposition by any Governmental Instrumentality of any material condition in connection with the issuance, renewal, modification, revocation or non-renewal (other than for cause) of any Consent after execution date of this Agreement.

11.1.2 "Competent Court" means:

the Supreme Court of India or any High Court, or any tribunal or any similar judicial or quasi-judicial body that has jurisdiction in relation to issues relating to the Project.

11.2 Tariff Adjustment Payment for Change in Law

11.2.1 Impact of Change in Law to the Project till COD of the Project shall be as approved by CEA/CERC for final approval of Capital Cost at COD of the Project. If a Change in Law results in the Company's revenue or costs directly attributable to the Project being decreased or increased during Operation Period of this Agreement, the Tariff Payment to the Company shall be adjusted, subject to Article 11.2.2.

11.2.2 The Company or PTC, as the case may be, shall provide the other Party with a certificate stating that the adjustment in the Tariff Payment is directly as a result of the Change in Law and shall provide supporting documents to substantiate the same. And, such certificate shall correctly reflect all increases or decreases till the date of such certificate.

11.2.3 The adjustment in Tariff Payment for reasons attributable to Article 11.2.1 shall be effective from:

- (i) the date of adoption, promulgation, amendment, re-enactment or repeal of the Law;

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- (ii) the date of order/judgment of the Competent Court, if the Change in Law is on account of a change in interpretation of Law,
- (iii) the date of impact resulting from the occurrence of Article 11.1.1(ii).

11.3 Appeal against Change in Law

Appeal against a legal opinion, require the Company to challenge any PTC may by furnishing a legal opinion, set out in Article 11.2.1, by initiating Change in Law, having an impact set out in Article 11.2.1, if the Company fails appropriate-legal proceedings before the Competent Court. If the Company fails to initiate such legal proceedings, PTC may initiate such legal proceedings on the Company's behalf. The Parties shall share in equal proportion, the costs and expenses incurred in connection with such legal proceedings.



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ARTICLE 12 LIABILITY AND INDEMNIFICATION

12.1 Indemnity

12.1.1 The Company shall indemnify, defend and hold PTC harmless against:

- (a) any and all third party claims, actions, suits or proceedings for any loss of or damage to property of such third party, or death or injury to such third party, arising out of a breach by the Company of its obligations under this Agreement except to the extent that any such claim, action, suit or proceeding has arisen due to a negligent act or omission, breach of this Agreement or breach of statutory duty on the part of PTC; and
- (b) any and all losses, damages, costs and expenses including legal costs, fines, penalties and interest suffered or incurred by PTC by reason of a breach by the Company of any of its obligations under this Agreement (provided that this Article 12 shall not apply to such breaches by the Company, for which specific remedies have been provided for under this Agreement), except to the extent that any such claim, action, suit or proceeding has arisen due to a negligent act or omission, breach of this Agreement or breach of statutory duty on the part of PTC.

the above losses together shall constitute "Indemnifiable Losses".

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the above losses together shall constitute "Indemnifiable Losses".

12.1.2. PTC shall indemnify, defend and hold the Company harmless against:

- (a) any and all third party claims, actions, suits or proceedings for any loss of or damage to property of such third party, or death or injury to such third party, arising out of a breach by PTC of its obligations under this Agreement except to the extent that any such claim, action, suit or proceeding has arisen due to a negligent act or omission, breach of this Agreement or breach of statutory duty on the part of the Company, its contractors, servants or agents; and
- (b) any and all losses, damages, costs and expenses including legal costs, fines, penalties and interest suffered or incurred by the Company by reason of a breach by PTC of any of its obligations under this Agreement (provided that this Article 12 shall not apply to such breaches by PTC, for which specific remedies have been provided for under this Agreement), except to the extent that any such claim, action, suit or proceeding has arisen due to a negligent act or omission, breach of this Agreement or breach of statutory duty on the part of the Company, its contractors, servants or agents.

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the above losses together shall constitute "Indemnifiable Losses".

12.2 Limitation of liability

A Party ("Indemnifying Party") shall not be liable to indemnify the other Party ("Indemnified Party") under this Article 12 for any indemnity claims made in a Tariff Year until the aggregate of all indemnity claims of the Indemnified Party in a given Tariff Year exceeds Rupees ten (10) lakhs.

Provided that the liability of the Indemnifying Party to indemnify the Indemnified Party in relation to the aggregate of all such indemnity claims in a given Tariff Year shall not exceed five percent (5%) of the average annual Tariff Payment up to the Tariff Year in which such claim is made.

12.3 Procedure for claiming indemnity

12.3.1 Third party claims

(a) Where the Indemnified Party is entitled to indemnification from the Indemnifying Party pursuant to Article 12.1.1(a) or 12.1.2(a), the Indemnified Party shall promptly notify the Indemnifying Party of such claim, proceeding, action or suit referred to in Article 12.1.1(a) or 12.1.2(a) in respect of which it is entitled to be indemnified. Such notice shall be given as soon as reasonably practicable after the Indemnified Party becomes aware of such claim, proceeding, action or suit. The Indemnifying Party shall be liable to settle the indemnification claim within thirty (30) days of receipt of the above notice. Provided however that, if:

- (i) the Parties choose to contest, defend or litigate such claim, action, suit or proceedings in accordance with paragraph (b) below; and
- (ii) the claim amount is not required to be paid/deposited to such third party pending the resolution of the dispute,

the Indemnifying Party shall become liable to pay the claim amount to the Indemnified Party or to the third party, as the case may be, promptly following the resolution of the dispute, if such dispute is not settled in favour of the Indemnified Party.

- (b) The Indemnified Party may contest, defend and litigate a claim, action, suit or proceeding for which it is entitled to be indemnified under Article 12.1.1(a) or 12.1.2(a) and the Indemnifying Party shall reimburse to the Indemnified Party all reasonable costs and expenses incurred by the Indemnified party. However, such Indemnified Party shall not settle or

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compromise such claim, action, suit or proceedings without first getting the consent of the Indemnifying Party, which consent shall not be unreasonably withheld or delayed.

An Indemnifying Party may, at its own expense, assume control of the defence of any proceedings brought against the Indemnified Party if it acknowledges its obligation to indemnify such Indemnified Party, gives such Indemnified Party prompt notice of its intention to assume control of the defence, and employs an independent legal counsel at its own cost that is reasonably satisfactory to the Indemnified Party.

12.3.2 Indemnifiable Losses

Where an Indemnified Party is entitled to Indemnifiable Losses from the Indemnifying Party pursuant to Article 12.1.1(b) or 12.1.2(b), the Indemnified Party shall promptly notify the Indemnifying Party of the Indemnifiable Losses. The Indemnifiable Losses shall be paid by the Indemnifying Party within thirty (30) days of receipt of the notice seeking Indemnifiable Losses by the Indemnified Party.

12.4 Limitation on Liability

Except as expressly provided in Article 14.6.1 and Article 14.6.2 and / or elsewhere in this Agreement, neither the Company nor PTC nor their respective officers, directors, agents, employees or Affiliates (or their officers, directors, agents or employees), shall be liable or responsible to the other Party or its Affiliates, officers, directors, agents, employees, successors or assigns (or their respective insurers) for incidental, indirect or consequential damages or losses, connected with or resulting from performance or non-performance of this Agreement, or anything done in connection herewith whether or not such damages or losses are subject to indemnities under Article 12.1.1 and 12.1.2.



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ARTICLE 13 GOVERNING LAW AND DISPUTE RESOLUTION

13.1 Governing Law

This Agreement shall be governed by the Laws of India. Subject to Article 13.4, the courts of Delhi shall have exclusive jurisdiction in all matters arising out of or in connection with this Agreement.

13.2 Amicable Settlement

13.2.1 Either Party is entitled to raise any matter, dispute or difference of whatever nature arising under, out of or in connection with this Agreement including its existence or validity (collectively "Dispute") by giving a written notice to the other Party, which shall contain:

- (i) a description of the Dispute;
- (ii) the grounds for such Dispute; and
- (iii) all written material in support of its claim.

13.2.2 The other Party shall, within thirty (30) days of issue of dispute notice issued under Article 13.2.1, furnish:

- (i) its counter-claim and defences if any regarding the Dispute; and
- (ii) all written material in support of its defences and counter-claim.

13.2.3 Within thirty (30) days of issue of notice by other Party pursuant to Article 13.2.2, both the Parties shall meet to settle such Dispute amicably, failing which the Dispute shall be resolved in accordance with Article 13.3, as applicable.

13.3 Arbitration

Where any Dispute arising out of or in connection with this Agreement,

- a) is not resolved as provided for in Article 13.2;
- b) not used
- c) falls within the scope and purview of statutory arbitration under the provision of the Law;



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then such Disputes shall be submitted to arbitration in accordance with the Arbitration and Conciliation Act, 1996 ("Arbitration Act") at the request of either Party in writing to the other Party. The following provisions shall then apply:

- i. The rights and obligations of the Parties shall remain effective during the arbitration proceedings;
- ii. the place of arbitration shall be New Delhi, India;
- iii. the language of the arbitration shall be English;
- iv. any Dispute submitted to arbitration shall be considered by three arbitrators, two of whom shall be nominated, one by PTC and one by the Company. If within 30 days of the receipt of a party's notification of the appointment of an arbitrator, the other party has not notified the first party of the arbitrator it has appointed, the first party may apply for the appointment of the second arbitrator in accordance with the Arbitration Act. The third arbitrator will be nominated by the two existing arbitrators or, failing such nomination within 30 days of the appointment of the second arbitrator, shall be appointed in accordance with the Arbitration Act.

13.4 Arbitration Awards to be Binding

13.4.1 PTC and the Company undertake to carry out any decision or award of the arbitrator relating to such Dispute without delay. Awards relating to any Dispute shall be final and binding on the parties to such Dispute as from the date they are made.

13.4.2 The arbitrators shall give a reasoned decision or award in writing. The arbitrators shall have power to grant interim relief and pass an interim award.

13.5 Finality and Enforcement of Award

The award of the arbitration shall be final and binding on both the Parties and shall be effective from:

- (i) the date such award is made, or
- (ii) the date, if any, specified as the effective date for such award.

The Parties hereby waive any right to appeal such award except on the grounds set out in the Arbitration Act.



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13.6 Parties to Perform Obligations

Notwithstanding the existence of any dispute and difference referred to Arbitration, the Parties hereto shall continue to perform their respective obligations under this Agreement.

13.7 Costs of Arbitration

The Parties shall bear their own costs of Arbitration. The costs and fees payable to the arbitrators shall be shared equally by the Parties, unless decided otherwise pursuant to the award of such Arbitration.



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ARTICLE 14 EVENTS OF DEFAULT AND TERMINATION

- 14.1 **Company Event of Default**
 The occurrence and continuation of any of the following events, unless any such event occurs as a result of a Force Majeure event or a breach by PTC of its obligations under this Agreement, shall constitute a Company Event of Default:
- (i) the Construction Contractor fails to mobilize its workforce for the construction of the Project within three (3) months of the Financial Close, or
 - (ii) after the commencement of the construction of the Project, the Company or its Construction Contractor abandons the Project for a continuous period of six(6) months, or
 - (iii) if, pursuant to the Unit Characteristics Test or the Project Characteristic Tests, a Unit or the Project, as the case may be, even after Repeat Tests, fails to pass such test;
 - (iv) if shortfall in the Tested Capacity of the Project either on the Initial Performance Test including after Repeat Tests pursuant to Article 6.10 or the Periodic Capacity Test including after Repeat Tests pursuant to Article 7.6, results in the Company not being able to provide to PTC, power and energy corresponding to 704 MW in accordance with Schedule D, or
 - (v) the Project fails to pass the Initial Performance Test till six (6) months after the Required Commercial Operation Date of the Project, other than for reasons relating to the non-availability of water to the Project;
 - (vi) after Commercial Operation Date of the Project, except for reasons of Force Majeure, the Company fails to deliver seventy five percent (75%) of the prorata Design Saleable Energy in accordance with Schedule D for a period of twelve (12) consecutive months to PTC;
 - (vii) after Commercial Operation Date of the Project, except for reasons of Force Majeure or non-availability of water, the Company fails to deliver seventy five percent (75%) of the Maximum Available Capacity during Peak Hours for a period of twelve (12) consecutive months;
 - (viii) the Company fails to make any payment required to be made to PTC under this Agreement within two (2) Months after the due date for such payment, or
 - (ix) the Company assigns or purports to assign its assets or rights in violation of this Agreement, or
 - (x) the Company transfers or novates any of its rights and/or obligations under this Agreement, in violation of this Agreement, or
 - (xi) if the Company becomes voluntarily or involuntarily the subject of proceedings under any bankruptcy or insolvency laws or goes into liquidation or dissolution or has a receiver appointed over it or a liquidator is appointed, pursuant to Law, except where such dissolution of the

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Company is for the purpose of a merger, consolidation or reorganization and where the resulting entity has the financial standing to perform its obligations under this Agreement and creditworthiness not inferior to the Company and expressly assumes all obligations under this Agreement

- (xii) and is in a position to perform them; or
- (xiii) the Company is in material breach of this Agreement, or the Company suspends payments of its debts or is unable to pay its debts, and such suspension or inability is not caused by a failure of PTC to pay the full amounts due under this PPA, or
- (xiii) the Company repudiates this Agreement.

14.2 PTC Event of Default

The occurrence and continuation of any of the following events, unless any such event occurs as a result of a Force Majeure or a breach by the Company of its obligations under this Agreement, shall constitute a PTC Event of Default:

- (i) PTC fails to pay any undisputed portion of a Monthly Bill or Supplementary Bill for a period of 30 days after the Due Date (either directly or through a draw down of the Letter of Credit) or fails to ensure the issue, maintenance, replenishment, renewal or restoration the Letter of Credit, to the required amount pursuant to Article 10 resulting in the Company not being able to draw upon such Letter of Credit, as per terms of this Agreement, for a period of 30 days;
- (ii) the dissolution or transfer of rights or obligations of PTC, in violation of Article 15.7, except where:
 - (a) such transfer does not affect the ability of the transferee to perform its obligations under this Agreement;
 - (b) such transferee expressly assumes obligations of PTC under this Agreement, and
 - (c) the resulting entity, or transferee has the financial standing to perform the payment obligations under this Agreement and credit worthiness which is similar to PTC; or

- (iii) PTC repudiates this Agreement; or
- (iv) if PTC becomes voluntarily or involuntarily the subject of proceedings under any bankruptcy or insolvency laws or goes into liquidation or dissolution or has a receiver appointed over it or a liquidator is appointed pursuant to Law, except where such dissolution of PTC is for the purpose of a merger, consolidation or reorganization and where the resulting entity has the financial standing to perform its obligations under this Agreement



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and creditworthiness not inferior to PTC and expressly assumes all obligations under this Agreement and is in a position to perform them:

- (v) PTC is in material breach of this Agreement.

14.3 Extended Force Majeure

The occurrence of Force Majeure and its continuance for a period of 12 months continuously shall constitute an Extended Force Majeure. On the occurrence of Extended Force Majeure, either Party shall be entitled to terminate the Agreement by delivering a seven (7) day written notice of termination to the other Party and this Agreement shall stand terminated at the end of such seven (7) day period provided that the Force Majeure condition is still operative at such time. Neither Party shall have any liability to the other Party as a result of termination of this Agreement on account of Extended Force Majeure.

14.4 Termination procedure for Company Event of Default

14.4.1 Upon the occurrence and continuation of any Company Event of Default, PTC shall have the right to deliver to the Company a PTC Preliminary Termination Notice, which shall specify in reasonable detail the circumstances giving rise to the issue of such notice.

14.4.2 Following the issue of a PTC Preliminary Termination Notice, Consultation Period of ninety (90) days or such longer period as the Parties may agree shall apply.

14.4.3 During the Consultation Period, the Party in default shall, save as otherwise provided in this Agreement, continue to perform its obligations under this Agreement.

14.4.4 Within a period of seven (7) days following the expiry of the Consultation Period and unless the Parties shall have otherwise agreed to the contrary or the Company Event of Default giving rise to the Consultation Period shall have been remedied, PTC may terminate this Agreement by delivering a PTC Termination Notice, whereupon this Agreement shall terminate on the date of such notice.

14.5 Termination procedure for PTC Event of Default

14.5.1 Upon the occurrence and continuation of any PTC Event of Default, the Company shall have the right to deliver to PTC a Company Preliminary Termination Notice, which notice shall specify in reasonable detail the circumstances giving rise to its issue.

14.5.2 Following the issue of a Company Preliminary Termination Notice, Consultation Period of ninety (90) days or such longer period as the Parties may agree shall apply.



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14.5.3 During the Consultation Period, the Party in default shall, save as otherwise provided in this Agreement, continue to perform its obligations under this Agreement.

14.5.4 Within a period of seven (7) days following the expiry of the Consultation Period and unless the Parties shall have otherwise agreed to the contrary or the PTC Event of Default giving rise to the Consultation Period shall have been remedied, the Company may terminate this Agreement by delivering a Company Termination Notice, whereupon this Agreement shall terminate on the date of such notice.

14.6 Consequences of Termination

14.6.1 Consequence of Termination for Company Event of Default

Where this Agreement is terminated by PTC pursuant to Article 14.4 for a Company Event of Default, the Company shall pay compensation to PTC, an amount equal to Rupees two hundred thirty seven point five crore only (Rs 237.5 crore only) to be passed on by PTC to the Purchaser as the Purchaser's compensation and an amount equal to Rupees twelve point five crore only (Rs 12.5 crore only) as PTC's compensation. However, in case any compensation pursuant to CERC Interstate Transmission Regulations for relinquishment of transmission access is payable by PTC or the Purchaser, then such compensation amount and the above amount of Rupees two hundred fifty crore only (Rs 250 crore only) shall be payable by the Company. Such amount shall be paid within thirty (30) days of the day of termination of this Agreement.

14.6.2 Consequence of Termination for PTC Event of Default
 Where this Agreement is terminated by the Company pursuant to Article 14.5 for a PTC Event of Default, PTC shall pay compensation to the Company, an amount equal to Rupees two hundred thirty seven point five crore only (Rs 237.5 crore only). However, in case any compensation pursuant to CERC Interstate Transmission Regulations for relinquishment of transmission access is payable by the Company, then such compensation amount and above amount of Rupees two hundred thirty seven point five crore only (Rs 237.5 crore only) shall be payable by PTC. Such amount shall be paid within thirty (30) days of the day of termination of this Agreement.

14.6.3 Consequence of Termination for Extended Force Majeure

Where this Agreement is terminated by either Party pursuant an Extended Force Majeure in accordance with Article 14.3, then in such event this Agreement shall stand terminated without any further liability to either party, from the date of such termination.

14.6.4 The Party liable to make payment of the termination amount shall not be discharged of its obligations under this Agreement until the termination amount has been paid to the other Party.

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ARTICLE 15 MISCELLANEOUS PROVISIONS

15.1 Amendment

This Agreement may only be amended or supplemented by a written agreement between the Parties.

This Agreement may only be amended or supplemented by a written agreement between the Parties.

15.2 Third Party Beneficiaries

This Agreement is solely for the benefit of the Parties and their respective successors and permitted assigns and shall not be construed as creating any duty, standard of care or any liability towards any third person.

15.3 No Waiver

A waiver by a Party shall be in writing and executed by an authorized representative of that Party. Neither the failure by one Party to insist on any occasion upon the performance of the terms, conditions, and provisions of this Agreement nor time or other indulgence granted by one Party to the other shall act as a waiver of such breach or acceptance of any variation or the relinquishment of any such right or any other right under this Agreement, which shall remain in full force and effect.

15.4 Language

The language of this Agreement and all written communication between the Parties relating to this Agreement shall be in English, unless otherwise agreed.

15.5 Remedies

Where this Agreement provides for any rebate or other remedies for any breach or shortfall in performance, the Parties shall not be entitled to make any other claim or pursue other remedies under law.

15.6 Entirety

This Agreement constitutes the entire agreement between the Parties as to its subject matter and supersedes any prior understanding or agreement reached between the Parties, including any memorandum of understanding between the Company and PTC, executed in connection with the Project.

15.7 Assignment

This Agreement shall not be assigned by either Party other than by mutual agreement between the Parties in writing.

15.7.1 This Agreement shall not be assigned by either Party other than by mutual agreement between the Parties in writing.

15.7.2 Notwithstanding Article 15.7.1 the Company may assign its rights and transfer its obligations under this Agreement to its Lenders or Affiliates.



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Provided that, in case of an assignment to Affiliates:

- (i) an entity shall qualify as an "Affiliate" if it, directly or indirectly, controls, is controlled by or is under common control with the relevant Party; the term "control" meaning ownership of more than fifty percent (50%) of the equity share capital or voting rights of the company or the power to appoint a majority of the board of directors of a company;
 - (ii) such Affiliate has the ability to perform all obligations of the Party under this Agreement and such affiliate has the financial standing to perform payment obligations under this Agreement and creditworthiness similar to that of the Company;
 - (iii) such Affiliate expressly assumes such obligations.
- PTC shall execute necessary agreements with the Lenders as may be required for such assignment or the required acknowledgment of the creation of any security in favour of the Company's Lenders on the Project and any other assets, as is reasonably requested by the Company.

15.8 Confidentiality

- 15.8.1 (a) Each of the Parties shall hold in confidence all documents and other technical or commercial information, supplied to it by or on behalf of the other Party relating to the design, construction, insurance, operation, maintenance, management and financing of the Project or in relation to this Agreement ("Confidential Information") and shall not, save as required by law or appropriate regulatory/legislative authorities, use the same for its own purpose or publish or otherwise disclose such Confidential Information, other than to the prospective lenders to, or investors in the Company or PTC, or to the professional advisors of the Parties hereto or of such lenders or investors, as aforesaid, and as may be required to perform its obligations under this Agreement.

Provided further that each Party shall be entitled to disclose such Confidential Information to a third party for the purposes of entering into or meeting its obligations under the PSA.

- (b) The provisions of paragraph (a) above shall not apply to:
 - (i) any information in the public domain, otherwise than by breach of this Agreement;
 - (ii) information in the possession of the receiving party thereof, before divulgence as aforesaid, and which was not obtained under any obligation of confidentiality and;



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- (iii) information obtained from a third party who is free to divulge the same, and which is obtained without any obligation of confidentiality.
- (iv) disclosure of any information to any Governmental Instrumentality for obtaining, receiving, and/or maintaining any government authorizations.
- (c) The provisions of this Article 15.8 shall survive the termination or expiry of this Agreement.

15.8.2 Notwithstanding Article 15.8.1, each Party may disclose Confidential Information to the extent that such Confidential Information:

- (i) was in the public domain prior to its delivery to such Party or after such delivery if it becomes part of the public domain without breach of any confidentiality obligations by the receiving Party under this Agreement, or
- (ii) was obtained from a third party with no known duty to maintain its confidentiality, or
- (iii) is required to be disclosed by applicable Law or judicial or administrative or arbitral process or by any Governmental Instrumentality, provided that for any such disclosure, the disclosing Party shall give the other Party prompt written notice, where possible, and use reasonable efforts to ensure that such disclosure is accorded confidential treatment and also to enable such other Party to seek a protective order or other appropriate remedy at such other Party's sole costs, or
- (iv) is provided to professional advisors, agents, auditors or representatives of a Party as is reasonable under the circumstances; provided, that the Party receiving such Confidential Information shall require such persons to undertake in writing to keep such Confidential Information confidential and shall use its best efforts to ensure compliance with such undertaking.

15.9 Affirmation

The Company and PTC each affirm that:

- (i) neither it nor its respective directors, employees, or agents has paid or undertaken to pay or shall in the future pay any unlawful commission, bribe, pay-off or kick-back; and
- (ii) it has not in any other manner paid any sums, whether in Indian currency or foreign currency and whether in India or abroad to the other Party to

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procure this Agreement, and the Company and PTC hereby undertake not to engage in any similar acts during the Term of Agreement.

15.10 Severability

The provisions of this Agreement are severable, and if any portion of this Agreement is deemed legally invalid or unenforceable, the remainder of this Agreement shall survive and remain in full force and effect; provided that, if a provision is held to be invalid or unenforceable, the Parties shall negotiate in good faith to adopt a replacement provision to carry out, in effect, the Parties' original intention to the extent permitted by applicable Laws.

15.11 No Partnership

None of the provisions of this Agreement shall constitute a partnership or agency or any such similar relationship between the Company and PTC.

15.12 Survival

Notwithstanding anything to the contrary herein, the provisions under Article 12 (Liability and Indemnification), Article 13 (Governing Law and Dispute Resolution), Article 14 (Events of Default and Termination), and Article 15 (Miscellaneous) shall continue and survive for a period of 5 years from expiry or termination of this Agreement.

15.13 Counterparts

This Agreement may be executed in one or more counterparts, each of which shall be deemed an original and all of which collectively shall be deemed one and the same instrument.

15.14 Notices

15.14.1 All notices to be given under this Agreement shall be in writing and in the English Language.

15.14.2 All notices must be delivered personally, by registered or certified mail or by facsimile transmission to the addresses below:

For the Company:

Address: JA House, 63, Basant Lok, Vasant Vihar
 New Delhi -110 057

Attention: Shri Manoj Gaur

Facsimile No.: 011-26145389/26143591

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 Jayprakash Associates Limited
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Telephone No.: 011-26141540/26145073
 E mail address: manoj.gaur@jalindia.co.in

For PTC:

Address: PTC India Limited,
 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place,
 New Delhi-110066.

Attention: Group Head - DCS

Facsimile No.: 011-41659142

Telephone No.: 011-41659131
 E mail address: controlroom@ptcindia.com

15.14.3 All notices shall be effective: (i) if sent by facsimile transmission, when sent (on receipt of confirmation of the correct number or address); (ii) if sent by registered or certified mail, within 5 days of dispatch; and (iii) if delivered personally, on receipt by intended recipient. Provided that all notices given by facsimile transmission shall be confirmed by registered or certified mail.

15.14.4 Each Party shall forthwith notify the other Party of any change in its address to which notices under this Agreement are to be delivered, mailed or facsimiled.

15.15 Schedules

Schedules and other attachments hereto shall be treated as part of this Agreement.



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IN WITNESS WHERE OF the Parties have executed these presents through
their authorized representatives at New Delhi.

For and on behalf of
PTC India Limited (formerly known as
Power Trading Corporation of India
Limited)
For and on behalf of the
Jaypee Karcham Hydro Corporation
Limited

[Handwritten Signature]

Signature with seal
Rajiv Bhardwaj
Executive Vice President

Witness:

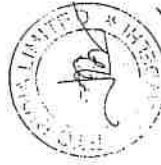
- [Handwritten Signature]*
(S.S. SHARMA) SrVP
- [Handwritten Signature]*
(A. MOHAN) Sr. Vice President

[Handwritten Signature]

Signature with seal
D P Goyal
Managing Director

Witness:

- [Handwritten Signature]*
(SUNIL KUMAR) Director
- [Handwritten Signature]*
(SUNIL KUMAR) Director



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SCHEDULE A CONSENTS

- 1.0 Initial Consents
- 1.1 Registration of the Company under the Companies Act, 1956.
 - 1.2 Clearance by appropriate Governmental Instrumentality to set up and operate the Project at the Site for generation of electricity.
 - 1.3 Approval, in writing, by the Appropriate Authority for the establishment of the Project by the Company.
 - 1.4 Diversion of forest land, if any, for the Project by the appropriate Governmental Instrumentality.
 - 1.5 Clearance of the Project by the Ministry of Environment and Forests, Government of India.
- 2.0 All consents required for Construction and Commissioning of the Project.
- 3.0 All consents for Operation of the Project
- 3.1 Approval of the Tariff by the Appropriate Commission, as required by Law.
 - 3.2 Approval of Chief Electrical Inspector of the State in accordance with Law.



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SCHEDULE B SALIENT TECHNICAL FEATURES OF PROJECT

Location	District Kinnaur (H.P.)
River	Satluj
State	Himachal Pradesh
Installed Capacity	4 x 250 MW
Diversion Dam	
Max. Pond Level	El. 1810.00 m
Min. Pond Level	El. 1799.00 m
River Bed Level	El. 1770.00 m
Intake	
Crest Level	El. 1786.00 m
Max. Discharge	130.25 cumec each bay x four bays
Sedimentation Chamber	
	4 Nos.
Head Race Tunnel	
Design Discharge	417 cumec
Size	10.48 m dia, Circular
Pressure Shafts	
	4 No. Steel lined 4.75 m dia
Power House	
Type of P.H.	Underground
Type of Turbines	Francis
Max. Head	303.50 m
Min. Head	258.20 m
Speed	214.3 rpm
Type of Generator	Vertical, Semi-Umbrella
Generator output	277.70 MVA
Generator voltage	17 KV
Excitation system	Static
Type and Rating of Transformers	
	Single phase, 93 MVA
	17/400 KV
	$\sqrt{3}$
Type of H.V. Switchgear	
	400 KV, Gas-Insulated type

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SCHEDULE C TECHNICAL LIMITS AND CONTRACTED CHARACTERISTICS

1. Electrical System Characteristics

Grid Voltage = 400 ± m 5% kV
 Grid Frequency = 50 Hz ± 3%
 Power Factor = 0.90 lagging to .95 leading PF

2. Capacity of Generating Equipment

With respect to each generating unit, continuous capacity shall be as under:

Continuous rating = 277.70 MVA for each generating unit
 Rated load = 250 MW
 Maximum reactive load = 0.9 lagging PF at full load
 = 0.95 leading PF

3. Minimum stable load with respect to each unit = Forty Five (45) percent of rated load up to rated load

4. Start-up time

Maximum time for cold start = 30 minutes
 Maximum start up time = 15 minutes
 Maximum interval for Restart of each unit = 15 minutes

5. Availability of Peak Power

S. No.	Description	Particulars
(i)	Peaking Capacity of Project (net), MW	988
(ii)	Peaking Duration, hours	3



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SCHEDULE D ENERGY GENERATION IN 90% DEPENDABLE YEAR (1993-94)

Energy Generation in 90% Dependable Year (On 95% Machine Availability Basis)												
2	3	4	5	6	7	8	9	10	11	12	13	
Month	10 daily discharge	Release for aquatic life	Available discharge	Power at 95% plant availability	Power MW	Energy, GWH	Design Energy	* Design Saleable Energy	Design Energy	* Design Saleable Energy	Contracted Energy	
	cumecs	cumecs	cumecs	MW	MW	million units	million units	million units	million units	million units	million units	million units
JUN	I 499	6.80	499.00	950.00	950.00	228.00						
	II 698	6.80	698.00	950.00	950.00	228.00						
	III 617	6.80	617.00	950.00	950.00	228.00	684.00	554.70	554.15	475.76	475.76	
JUL	I 716	6.80	716.00	950.00	950.00	228.00						
	II 1085	6.80	1085.00	950.00	950.00	228.00						
	III 686	6.80	686.00	950.00	950.00	250.80	706.80	614.52	572.62	491.62	491.62	
JUG	I 731	6.80	731.00	950.00	950.00	228.00						
	II 579	6.80	579.00	950.00	950.00	228.00						
	III 554	6.80	554.00	950.00	950.00	250.80	706.80	614.52	572.62	491.62	491.62	
SEP	I 513	6.80	513.00	950.00	950.00	228.00						
	II 469	6.80	469.00	950.00	950.00	228.00						
	III 272	6.80	265.20	950.00	660.43	156.50	614.50	534.27	497.85	427.42	427.42	
OCT	I 194	6.80	187.20	950.00	466.19	111.89						
	II 157	6.80	150.20	950.00	374.05	89.77						
	III 126	6.80	119.20	950.00	296.85	78.37	280.03	243.47	226.87	194.77	194.77	
NOV	I 119	6.80	112.20	950.00	279.41	67.06						
	II 111	6.80	104.20	950.00	259.49	62.28						
	III 102	6.80	95.20	950.00	237.08	56.90	186.24	161.92	150.88	129.54	129.54	
DEC	I 91	6.80	84.20	950.00	209.69	50.33						
	II 82	6.80	75.20	950.00	187.27	44.94						
	III 78	6.80	71.20	950.00	177.31	46.81	142.08	123.53	115.11	98.82	98.82	
JAN	I 71	6.80	64.20	950.00	159.88	38.37						
	II 74	6.80	67.20	950.00	167.35	40.16						
	III 68	6.80	61.20	950.00	152.41	40.24	118.77	103.26	96.22	82.61	82.61	
FEB	I 69	6.80	62.20	950.00	154.90	37.18						
	II 69	6.80	62.20	950.00	154.90	37.18						
	III 82	6.80	75.20	950.00	187.27	36.96	110.31	95.91	89.37	76.72	76.72	
MAR	I 78	6.80	71.20	950.00	177.31	42.55						
	II 95	6.80	88.20	950.00	219.65	52.72						
	III 103	6.80	96.20	950.00	239.57	63.25	158.52	137.82	128.42	110.26	110.26	

First 13th to 13th year
 12 35th year
 years- 80% of
 years- 85.88% c
 saleable
 Energy

(DE- Col. 10*704/8
 1.2%)* .82
 million units

(DE- Col. 11*704/8
 1.2%)* .82
 million units



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SCHEDULE E TARIFF

General

PTC shall pay Tariff to the Company based on the Capital Cost and means of financing thereof, as approved by CEA/CERC on completion of the Project, in proportion to the ratio of Contracted Power to the Rated Capacity, such Rated Capacity being adjusted for Free Power. The Tariff will be payable by PTC in accordance with the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2004 (relevant provisions of which are stated below) and as may be modified or amended up to the date of execution of this Agreement.

For the purpose of this Schedule the definitions for the capitalised terms used hereunder shall be as per the definitions contained in Article 1 of this Agreement.

The definitions for the capitalised terms used hereunder but not defined in Article 1 of this Agreement but defined under CERC Tariff Regulations, shall have the meaning set out therein. The Company shall get such Tariff approved by CERC in accordance with Article 9.1.3.

In addition to the generation tariff as above, PTC shall pay to the Company, the charges for transmission of power from the Project busbar up to the Delivery Point, as may be approved by CERC, in case the Delivery Point is not the Project bus bar.

Tariff

The tariff payable for the energy supplied by the Company and delivered to PTC will be determined as laid down hereunder.

Provisional Tariff

Till the final completion Capital Cost and the means of financing thereof, as stipulated above, is approved by CEA/CERC, the Capital Cost and the means of financing thereof as appraised/re-appraised and funded by the Lenders, evidence of which is furnished by the Company in compliance of the 'Conditions Precedent' at Article 3.1.2(iv), shall be considered for the purpose of determination of provisional Tariff. However, if the Tested Capacity of the Project is less than Nominal Capacity and the Tested Capacity of the Project has been accepted as the Rated Capacity of the Project pursuant to the Initial Performance Test or Periodic Capacity Test, the Tariff shall be recalculated based on prorata reduced Capital Cost of the Project with reference to the Nominal Capacity of the Project. The differential between the Tariff as approved by CERC after completion of the Project and such provisional Tariff shall be payable by PTC to the Company or vice versa.

Tariff computation

Tariff shall be computed by the Company thirty (30) days prior to each Tariff Year commencing from the COD of the first Unit, in accordance with the terms of this

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Agreement and made available to PTC for their verification. In the event of any discrepancy, PTC shall intimate the same to the Company within 15 days of receipt of the tariff computations. The Company shall intimate its views relating to the discrepancies within 15 days of receipt thereof. Notwithstanding the aforesaid, the payment shall be made by PTC to the Company at notified rates by the Company subject to future adjustments along with interest at the State Bank of India Prime Lending Rate thereon in respect of over billed / under billed amounts if any.

Quantification of Secondary Energy

During a Tariff Year, the Saleable Energy delivered to the extent of Design Saleable Energy set out in Schedule D shall be "Saleable Primary Energy" and energy in excess of the same shall be "Saleable Secondary Energy". PTC shall be entitled to a share of Saleable Secondary Energy in proportion to its share of Design Saleable Energy.

Tariff for the purpose of this Agreement shall be determined as specified herein below:

1. Tariff determination:

(a) Tariff in respect of this Project shall be determined, Unit-wise or for the whole Project.
 (b) For the purpose of Tariff, the Capital Cost of the Project shall be broken up into stages and by distinct Units forming part of the Project. Where the Unit wise break up of the Capital Cost of the Project is not available, the common facilities shall be apportioned on the basis of the installed capacity of the Units.

2. Core Business: For the purpose of this Schedule, core business means the regulated activities of generation and does not include any other business or activity, like consultancy, telecommunication etc. of the Company.

3. Tax on Income: (1) Tax on the income streams of the Company from its core business, shall be computed as an expense and shall be recovered from PTC.
 (2) Any under-recoveries or over-recoveries of tax on income shall be adjusted every year on the basis of income-tax assessment under the Income-Tax Act, 1961, as certified by the statutory auditors.

Provided that tax on any income stream other than the core business shall not constitute a pass through component in tariff and tax on such other income shall be payable by the Company.

Provided further that the Project-wise profit before tax in the case of the Company as estimated for a year in advance shall constitute the basis for distribution of the corporate tax liability to the Project.

Provided further that the benefits of tax-holiday as applicable in accordance with the provisions of the Income-Tax Act, 1961 shall be passed on to the beneficiaries.

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Provided further that the credit for carry forward losses and unabsorbed depreciation shall be given in the proportion to PTC's annual revenue contribution as a ratio of the total annual revenue of the Company.

Provided further that the Tax on Income shall be charged from PTC in proportion to PTC's annual revenue contribution as a ratio of the total annual revenue of the Company;

4. **Recovery of foreign exchange rate variation:** Subject to CERC's approval, recovery of foreign exchange rate variation towards interest payment, loan repayment and Return on Equity shall be done by the Company from PTC.

5. **Recovery of Tax on Income:** Recovery of Tax on Income shall be done directly by the Company from PTC. Tax on Income for a Month shall be included in the Monthly Bill in proportion to the ratio of the relevant Month's Design Energy to Design Energy.

6. **Capital Cost:** The actual expenditure incurred on completion of the Project shall form the basis for determination of final Tariff. The final Tariff shall be determined based on the admitted capital expenditure actually incurred upto COD of the Project and shall include capitalised initial capital spares subject to a ceiling norm of 1.5% of the original project cost as on the cut-off date.

Additional Capitalisation: Additional Capitalisation shall form part of the capital cost in accordance with the CERC Regulations referred to above.

7. **Norms of operation:** The norms of operation shall be as under, namely:

- (i) Normative Capacity Index for recovery of full Capacity Charges - 80%
- (a) During first year of COD of the Project - 80%
- (b) After first year of COD of the Project - 85%

Note

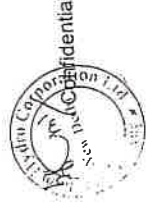
There shall be *pro rata* recovery of capacity charges in case the Project achieves capacity index below the prescribed normative levels. At Zero capacity index, no capacity charges shall be payable to the Project. Adjustment of Capacity Index for the purpose of Tariff payment shall be done every month based on Capacity Index achieved from the beginning of the relevant Tariff Year and up to and including the month for which Tariff Payment is to be made.

- (ii) Auxiliary Energy Consumption: 0.7% of energy generated
- (iii) Transformation losses

From generation voltage to transmission voltage - 0.5% of energy generated.

8. **Sale of Infirm Power:** Any revenue earned by the Company from sale of Infirm Power, shall be taken as reduction in Capital Cost and shall not be treated as revenue. The rate for Infirm Power shall be same as the Primary Energy Rate of the Project. Infirm Power shall mean electricity generated prior to COD of a Unit.

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9. Debt-Equity Ratio: (1) Debt-Equity ratio as on the COD shall be 70:30 for determination of Tariff. Where Equity employed is more than 30%, the amount of Equity for determination of Tariff shall be limited to 30% and the balance shall be considered as the normative loan. Provided that in case actual Equity employed is less than 30%, the actual Debt and Equity shall be considered for determination of Tariff.

(2) The Debt and Equity amounts arrived at in accordance with clause (1) shall be used for calculating Interest on Loan Capital, Return on Equity and Advance Against Depreciation.

10. Computation of Annual Charges: The two-part tariff for sale of electricity shall comprise of recovery of Annual Capacity Charge and Primary Energy Charges:

(i) **Capacity Charges:** The Capacity Charges shall be computed in accordance with the following formula:

Capacity Charges = (Annual Fixed Charge- Primary Energy Charge)

Note: Recovery through Primary Energy Charge shall not be more than Annual Fixed Charge.

(ii) **Annual Fixed Charges:** Annual Fixed Charges shall consist of:

- (a) Interest on loan capital;
- (b) Depreciation, including Advance Against Depreciation;
- (c) Return on equity;
- (d) Operation and maintenance expenses; and
- (e) Interest on working capital.

11. Computation of Annual Fixed Charges: The Annual Fixed Charges shall be computed on the following basis:

(i) **Interest on loan capital**

(a) Interest on loan capital shall be computed loan wise on the loans arrived at in the manner indicated in Para 9.

(b) The Company shall make every effort to swap the loan as long as it results in net benefit to PTC. The costs associated with such swapping shall be borne by PTC.

(c) The changes to the loan terms and conditions shall be reflected from the date of such swapping and benefit passed on to PTC.

(d) In case any moratorium period is availed by the Company, Depreciation provided for in the Tariff during the years of moratorium shall be treated as repayment during those years and the interest on loan capital shall be calculated accordingly.

(e) The Company shall not make any profit on account of swapping of loan and interest on loan.

(ii) **Depreciation, including Advance Against Depreciation**

(a) Depreciation shall be computed in the following manner, namely:

- (i) The value base for the purpose of Depreciation shall be the historical cost of the asset.

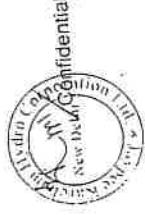
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- (ii) Depreciation shall be calculated annually based on straight line method over the useful life of the asset and at the rates prescribed under the CERC Regulations referred above.
- The residual life of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the historical capital cost of the asset. Land is not a depreciable asset and its cost shall be excluded from the capital cost while computing 90% of the historical cost of the asset.
- (iii) On repayment of entire loan, the remaining depreciable value shall be spread over the balance useful life of the asset.
- (iv) Depreciation shall be chargeable from the first year of operation. In case of operation of the asset for part of the year, depreciation shall be charged on *pro rata* basis.
- b) **Advance Against Depreciation**
 In addition to allowable depreciation, the Company shall be entitled to Advance Against Depreciation, computed in the manner given hereunder:
 AAD = Loan repayment amount as per Paragraph 11(i) subject to a ceiling of 1/10th of loan amount as per Para 9 minus Depreciation as determined above.
 Provided that Advance Against Depreciation shall be permitted only if the cumulative repayment up to a particular year exceeds the cumulative depreciation up to that year.
 Provided further that Advance Against Depreciation in a year shall be restricted to the extent of difference between cumulative repayment and cumulative depreciation up to that year.
- (iii) **Return on Equity**
 Return on equity shall be computed on the equity base determined in accordance with Paragraph 9 and shall be @ 14% per annum.
- Explanation**
 The premium raised by the Company while issuing share capital of the Project, if any, for the funding of the project, shall also be reckoned as paid up capital for the purpose of computing return on equity, provided such premium amount are actually utilised for meeting the capital expenditure of the generating station and forms part of the approved financial package.
- (iv) **Operation and Maintenance expenses**
 The base O&M Payment shall be fixed at 1.5% of the actual Capital Cost as admitted by the Commission, in the year of commissioning and shall be subject to an annual escalation of 4% per annum for the subsequent years.
- (v) **Interest on Working Capital**
 (a) Working Capital shall cover:
 (i) Operation and Maintenance expenses for one month;
 (ii) Maintenance spares @ 1% of the historical cost escalated @ 6% per annum from the COD; and
 (iii) Receivables equivalent to two months of fixed charges for sale of electricity, calculated on Normative Capacity Index.

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(b) Rate of interest on working capital shall be the short-term Prime Lending Rate of State Bank of India as on 1st April of the year in which the generating unit/station is declared, under commercial operation. The interest on working capital shall be payable on non/naive basis notwithstanding that the Company has not taken working capital loan from any outside agency.

12. Primary and Secondary Energy Charges: (1) Primary Energy Charge shall be worked out on the basis of paise per kWh rate on ex-bus energy scheduled to be sent out from the Project after adjusting for Free Power.

(2) Rate of primary energy shall be equal to the lowest variable charges of the central sector thermal power generating station of the Northern region. The Primary Energy Charge shall be computed based on the primary energy rate and saleable energy of the station.

Provided that in case the primary energy charge recoverable by applying the above primary energy rate exceeds the Annual Fixed Charge of the Project, the primary energy rate shall be calculated by the following formula:

Primary energy rate = Annual Fixed Charge/Saleable Primary Energy Rate

(3) Primary Energy Charge = Saleable Primary Energy x Primary Energy Rate

Secondary Energy Rate shall be equal to Primary Energy Rate.
 Secondary Energy Charge = Saleable Secondary Energy x Secondary Energy Rate.

13. Incentive: (1) Incentive shall be payable in the first year of operation, when the Capacity Index (CI) exceeds 85% and incentive shall accrue up to a maximum Capacity Index of 100%.

(2) Incentive shall be payable to the Company in accordance with the following formula:
 Incentive = $0.65 \times \text{Annual Fixed Charge} \times (\text{CIA} - \text{CIN})/100$

(If incentive is negative, it shall be set to zero.)
 Where, CIA is the Capacity Index achieved and CIN is the Normative Capacity Index, which is 85%.

(3) The incentives on account of Capacity Index and payment for Secondary Energy shall be payable on monthly basis, subject to cumulative adjustment in each month of the financial year, separately in respect of each item, and final adjustment shall be made at the end of the financial year.

(4) The total incentive payment calculated on annual basis shall be shared by PTC in proportion to the ratio of Contracted Power to the Rated Capacity, such Rated Capacity being adjusted for Free Power.

(5) Incentive for Commissioning of Project ahead of RCOD or provisions for delayed commissioning shall be in accordance with Article 6.13.

14. Deemed Generation: (1) Subject to Article 7.3.4, in case of reduced generation due to the reasons beyond the control of Company or on account of non-availability of transmission lines or on receipt of backing down instructions from the concerned Regional Load Despatch Centre resulting in spillage of water, the energy charges on account of such spillage shall be payable to the Company. Apportionment of energy charges for such spillage among PTC and the other offtakers shall be in proportion of

Power Purchase Agreement



Karcham Wangtoo Hydro Electric Project

their shares in saleable capacity of the Project or in proportion attributable to each of PTC and such other off-takers, as the case may be.

(2) Energy charges on the above account shall not be admissible if the energy sold to PTC during the year is equal to or more than the prorata Design Saleable Energy.

15. Unscheduled Interchange (UI): (1) Variation between actual generation or actual drawal and scheduled generation or scheduled drawal shall be accounted for through Unscheduled Interchange (UI) charges. UI for the Project shall be equal to its total generation minus its scheduled generation. UI for a beneficiary shall be equal to its total actual drawal minus its total scheduled drawal. UI shall be worked out for each 15 minute time block. Charges for all UI transactions shall be based on average frequency of the time block and the rates as applicable from time to time shall apply.
 (2) (i) Any generation up to 105% of Declared Capacity in any time block of 15 minutes and averaging up to 101% of the average Declared Capacity over a day shall not be construed as gaming, and Company shall be entitled to UI charges for such excess generation above the scheduled generation (SG).
 (ii) For any generation beyond the prescribed limits, the Regional Load Despatch Centre shall investigate so as to ensure that there is no gaming, and if gaming is found by the Regional Load Despatch Centre, the corresponding UI charges due to the Project on account of such extra generation shall be reduced to zero and the amount shall be adjusted in UI account of beneficiaries, in the ratio of their capacity share in the Project.

This Paragraph 15 is a reproduction of the relevant CERC Tariff Regulations and shall be only for the reference of the Parties.

16. Demonstration of Declared Capability: (1) The Company may be required to demonstrate the Declared Capacity of the Project as and when asked by the Regional Load Despatch Centre of the region in which the Project is situated. In the event of the Company failing to demonstrate the Declared Capacity, within the tolerance as specified by the Central Transmission Utility, the capacity charges due to the Project shall be reduced as a measure of penalty.
 (2) The quantum of penalty for the first mis-declaration for any duration or block in a day shall be the charges corresponding to two days fixed charges. For the second misdeclaration the penalty shall be equivalent to fixed charges for four days and for subsequent mis-declarations, the penalty shall be multiplied in the geometrical progression.
 (3) The operating log books of the Project shall be available for review by the Regional Power Committee or the Regional Electricity Board, as the case may be. These books keep record of machine operation and maintenance, reservoir level and spillway gate operation.

17. Billing and Payment of Capacity Charges: Billing and payment of Capacity Charges shall be done on a monthly basis in the following manner:

(i) PTC shall pay the Capacity Charges in proportion to the ratio of Contracted Power to the Rated Capacity, such Rated Capacity being adjusted for Free Power.

Power Purchase Agreement



Karcham Wangtoo Hydro Electric Project

(ii) The Capacity Charges shall be paid by PTC to the Company every month in accordance with the following formulas and in proportion to their share as in (f) above.

$ACC1 = AFC - (SPE1 + DE\ 2nd\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC2 = AFC - (SPE2 + DE\ 3rd\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC3 = AFC - (SPE3 + DE\ 4th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC4 = AFC - (SPE4 + DE\ 5th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC5 = AFC - (SPE5 + DE\ 6th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC6 = AFC - (SPE6 + DE\ 7th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC7 = AFC - (SPE7 + DE\ 8th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC8 = AFC - (SPE8 + DE\ 9th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC9 = AFC - (SPE9 + DE\ 10th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC10 = AFC - (SPE10 + DE\ 11th\ to\ 12th\ months) * Primary\ Energy\ Rate$
 $ACC11 = AFC - (SPE11 + DE\ 12th\ month) * Primary\ Energy\ Rate$
 $ACC12 = (AFC) - SPE12 * Primary\ Energy\ Rate$

Where,

AFC = Annual Fixed Charges
 ACC1, ACC2, ACC3, ACC4, ACC5 ACC6, ACC7, ACC8, ACC9, ACC10, ACC11 and ACC12 are the amount of Annual Capacity Charge for the cumulative period up to the end of 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th and 12th months respectively.

SPE1, SPE2, SPE3, SPE12 are the ex-bus Scheduled Primary Energy values up to 1st, 2nd, 3rd, 12th months of the year respectively. The Scheduled Primary Energy as referred to in CERC Tariff Regulations dated 26th March 2004 shall be the quantum of energy to be generated at the Project over a twenty four hour period, as scheduled by the Control Centre and shall be limited to Design Energy.

$CC1 = ACC1 \times DE1 / DE$
 $CC2 = ACC2 \times DE2 / DE$
 $CC3 = ACC3 \times DE3 / DE$
 $CC4 = ACC4 \times DE4 / DE$
 $CC5 = ACC5 \times DE5 / DE$
 $CC6 = ACC6 \times DE6 / DE$
 $CC7 = ACC7 \times DE7 / DE$
 $CC8 = ACC8 \times DE8 / DE$
 $CC9 = ACC9 \times DE9 / DE$
 $CC10 = ACC10 \times DE10 / DE$
 $CC11 = ACC11 \times DE11 / DE$
 $CC12 = ACC12 \times DE12 / DE$

Where,

CC1, CC2, CC3, CC12 is the monthly capacity charge up to 1st, 2nd, 3rd, 12th months of the year respectively.

DE = Annual Design Energy

DE1, DE2, DE3, DE12 are the ex-bus design energy values up to 1st, 2nd, 3rd, 12th months of the year respectively.



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Power Purchase Agreement



Karcham Wangtoo Hydro Electric Project

Total capacity charges payable to the Company for the:

1st month = (CC1)
 2nd month = (CC2 - CC1)
 3rd month = (CC3 - CC2)
 4th month = (CC4 - CC3)
 5th month = (CC5 - CC4)
 6th month = (CC6 - CC5)
 7th month = (CC7 - CC6)
 8th month = (CC8 - CC7)
 9th month = (CC9 - CC8)
 10th month = (CC10 - CC9)
 11th month = (CC11 - CC10)
 12th month = (CC12 - CC11)
 and, PTC and other off-takers having firm allocation in capacity of the Project shall pay for the:
 1st month = (CC1 x WB1)/100
 2nd month = (CC2 x WB2 - CC1 x WB1)/100
 3rd month = (CC3 x WB3 - CC2 x WB2)/100
 4th month = (CC4 x WB4 - CC3 x WB3)/100
 5th month = (CC5 x WB5 - CC4 x WB4)/100
 6th month = (CC6 x WB6 - CC5 x WB5)/100
 7th month = (CC7 x WB7 - CC6 x WB6)/100
 8th month = (CC8 x WB8 - CC7 x WB7)/100
 9th month = (CC9 x WB9 - CC8 x WB8)/100
 10th month = (CC10 x WB10 - CC9 x WB9)/100
 11th month = (CC11 x WB11 - CC10 x WB10)/100
 12th month = (CC12 x WB12 - CC11 x WB11)/100

Where,

And, WB1, WB2, WB3, WB4, WB5, WB6, WB7, WB8, WB9, WB10, WB11 and WB12 are the weighted average of percentage allocated capacity share of PTC and other off-takers during the cumulative period up to 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th and 12th month respectively.

Adjustment of Capacity Index for the purpose of Tariff payment shall be done every month based on Capacity Index achieved from the beginning of the relevant Tariff Year and up to and including the month for which Tariff payment is to be made.



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SCHEDULE F TEC

A copy of TEC – techno economic clearance issued by CEA to the Company for the Project on 31st March, 2003 is placed below.



Power Purchase Agreement

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GOVERNMENT OF INDIA
CENTRAL ELECTRICITY AUTHORITY
SEWA BHAWAN : R.K. PURAM
NEW DELHI - 110066

Dated: March, 2003.

File No.2/HP/1996-PAC/1909-1436

OFFICE MEMORANDUM

Subject: 4x250 MW (1000 MW) Karcham Wangoon Hydro-Electric Project in Himachal Pradesh by M/s Jaypee Karcham Hydro Corporation Limited + (M/s JKHCL) at an Estimated Completed Cost of US \$ 117.44 Million + Rs. 5345.88 Crores including IDC & FC of Rs.1549.99 Crores at Foreign Exchange Rate of 1 US \$ = Rs. 48.00 - Issue of Techno-Economic Clearance.

With reference to letter No.JL/205, dated 15.12.2000 from M/s Jayprakash Industries Limited (M/s JIL) (subsequently new Company JKHCL incorporated on 27.04.02 for execution of the project), submitting generation scheme under section 29 of the Electricity (Supply) Act, 1948 and in accordance with the Government of H.P. letter No.MPP-F(2)15/93-IV, dated 19.02.2003 under Section 18-A of E(S) Act, 1948, it is stated that the proposal for establishment of 4x250 MW (1000 MW) Karcham Wangoon Hydro-Electric Project in Kinnaur District in Himachal Pradesh proposed by M/s JKHCL, as specified in the Detailed Project Report and other documents, papers, notes etc. submitted to CEA and various clarifications made in SPAC Meeting held on 25.1.03 and specified in the Agenda note circulated vide CEA letter No.3/106/260th/2003-PAC/988-1012(H), dated 11.03.03 has been considered in the 260th Meeting of CEA held on 12.03.03 at Sewa Bhawan, R.K. Puram, New Delhi-110066. Subsequently, documents submitted by M/s JKHCL vide their various letters, latest being dated 31.03.2003 in pursuance to decisions taken in the above meetings, have also been considered.

2. In exercise of the powers vested with the Authority as per the GOI direction contained in the Gazette Notification vide F No.2(i)/76-EL II, dated 23.11.1977 issued under Section 4(B) of E(S) Act, 1948, the Central Electricity Authority accords techno-economic clearance to the aforesaid scheme at an Estimated Completed Cost of US \$ 117.44 Million + Rs.5345.88 Crores including IDC & FC of Rs.1549.99 Crores at Foreign Exchange Rate of 1 US \$ = Rs.48.00, with the stipulations that:

- i) The completed cost of the scheme shall not exceed the above cost except on account of:
 - a Variation in Foreign Exchange Rate in respect of US \$ only
 - b Change in rates of Indian taxes and duties such as custom duty, excise duty, sales tax, works tax & service tax and additional taxes and duties levied, if any, subsequent to issue of techno-economic clearance.
 - c Change in Indian Law resulting in change in cost

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- ii) Interest During Construction and the Financing Charges shall be as per actuals but not exceeding the amount as indicated at Annex-I.
- iii) No foreign exchange protection shall be allowed in ROE or repayment of loan / interest.
- iv) The abstract of the Completed Capital Cost approved by CIA is furnished at Annex-I, Summary of Financial Package, as submitted by M/s JKHCL and considered by CEA, is at Annex-II and the Salient Features of the Scheme are set-forth at Annex-III
- v) The following conditions/circumstances shall not be a re-opener of completed cost/ techno-economic clearance:
 - a) Non-acquisition of land.
 - b) Non-finalisation of Power Purchase Agreement.

This techno-economic clearance is subject to the fulfillment of the following conditions:

- i) M/s JKHCL shall take into account the suggestions of CWC regarding Hydrology & Civil Design aspects at the time of detailed design (Annex-IV) and report thereon shall be submitted to CEA / CWC.
- ii) M/s JKHCL would take into account the observations of CEA on design of electro-mechanical works (Annex-V).
- iii) M/s JKHCL shall ensure that all the surveys and investigations, proposed in DPR and in the comments by GSI / CWC and agreed upon by the project authorities are carried out before detailed design. Various suggestions of GSI are summarised at Annex-VI. The report of additional investigations conducted shall be submitted to CEA / CWC / GSI.
- iv) In case geological surprises in underground works are met, M/s JKHCL shall systematically maintain a record of geological surprises, those are encountered. At the same time, M/s JKHCL shall request Govt. of Himachal Pradesh to constitute an expert committee of representatives from Govt. of H.P., HPSEB, Geological Survey of India, CWC and CEA. Once a committee is constituted, M/s JKHCL shall submit their proposal for the enhanced cost to the expert committee, which in turn, shall examine and recommend the cost thereof subject to a ceiling of 10% of the cost of respective underground works.
- v) Government of Himachal Pradesh shall comply with the following:-
 - a) The exact quantity of the losses due to evaporation of the Karcham Reservoir shall be furnished to CEA/CWC.



- b) Government of Himachal Pradesh shall prepare a perspective plan bringing out the consumptive uses through hydro electric projects and irrigation projects in Satluj river basin so as to have an overall idea about the likely consumptive use by Himachal Pradesh in the basin
- vi) M/s JKHCL shall obtain the environmental clearance of the project from MOE&F and various stipulations made by the Ministry of Environment & Forests while according environment and forest clearances shall be complied with by the Project Authorities
- vii) A provision of Rs. 54 464 crores has been considered in the cost estimates under the head "Environment & Ecology". This may need to be reviewed as per the conditions contained in the clearance letter of the project from MOEF.
- viii) M/s JKHCL shall submit the compliance report in respect of the equipment and facilities for E&M works procured / created in accordance with the Cost Estimates of E&M works considered in TEC
- ix) The promoter has indicated only IFIs / Nationalised Banks as source(s) of loan; with whom he shall negotiate to achieve an interest rate lower than 15% p.a., in view of the declining interest rate(s) regime. However, ceiling of IDC indicated in the TEC letter is based upon 15% p.a. interest rate, which shall be changed pro-rata on account of such lower interest rate.
- x) 50% of the promoters equity shall be deployed upfront
- xi) Actual number and size of trenches of the public equity shall not exceed the assumed number of four trenches of equal amount. The proceeds of the public equity issue in trench shall be first deployed.
- xii) The public equity issue and expenses shall be governed by MOF Notification / SEBI guidelines applicable.
- xiii) The insurance premium of Rs.15 Crores has been considered for civil construction works which shall be adjusted as per the actuals
- xiv) The final financial package shall not be inferior to the tentative financial package as contained in the TEC letter.
- xv) Approval of the Competent Government for the Final Financial Package shall be made available before submission to the Authority for its approval
- xvi) The project shall be executed with the Final Financial Package approved by the Authority

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- xvii) The promoter shall negotiate with IFIs to achieve lower interest rate for Operation period – when construction risks are deemed to have been addressed.
- xviii) Tariff shall be decided by Central Electricity Regulatory Commission
- xix) Letters of comfort to avail power from the project shall be obtained & furnished to CEA
- xx) The moratorium period (of 1 year for loan) beyond Commercial Operation Date (COD) shall not be applicable for computation of tariff

4 The commercial operation dates of the units shall be as under (the zero date of the project shall be January, 2004)

COD of Unit -1	August, 2009 (68 months)
COD of Unit -2	October, 2009 (70 months)
COD of Unit -3	November, 2009 (71 months)
COD of Unit -4	December, 2009 (72 months)

5. (a) Monthly Progress Report of the project shall be submitted to Hydro-Monitoring Division of CEA. Three (3) copies of the semi-annual progress reports on physical progress of the scheme and expenditure actually incurred, duly certified by statutory auditors shall be submitted to the Authority till the COD of the plant. The project promoters/project authorities shall give free accessibility to the CEA officers and staff to have on the spot assessment of various aspects of the project.

(b) Final Financial Package and issues related to that shall be submitted to Secretary, CEA.

- 6 Monthly status of the project from the period of TEC to Financial closure/ Investment decision shall be furnished to Secretary, CEA as per the proforma enclosed at Annex-VII.
- 7 The completion cost of the scheme shall be submitted to Authority duly recommended by Himachal Pradesh Government for approval as soon as possible after the COD of the plant but not later than three (3) months from the COD of the Plant. Authority shall be intimated the COD duly certified by the State Government / SEB within two weeks of its occurrence
- 8. The concurrence of the CEA to the scheme under Section 31 of the Electricity (Supply) Act, 1948 shall be considered by the Authority on submission of Firm-Financial Package (FFP) and tying-up of balance inputs/ clearances by the company within a period of six months from the date of issue of TEC.

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9. In case the time gap between the Techno-Economic Clearance of the scheme by CEA and actual start of work on the project by the generating company is three years or more, a fresh Techno-Economic Clearance of CEA shall be obtained by the generating company before start of actual work.

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10. The Authority reserves the right to revoke the Techno-Economic Clearance, if the conditions stipulated in this Office Memorandum are not complied with to the satisfaction of the Authority.

Encls: Annex I, II, III, IV, V, VI & VII


 (GURDIAL SINGH)
 SECRETARY, CEA

1. Chairman-cum-Managing Director, M/s Jaypee Karcham Hydro Corporation Limited (JKHCL), JA House, 63, Basant Lok, Vasant Vihar, New Delhi-110057
2. Chief Secretary, Government of Himachal Pradesh, Shimla
3. Commissioner-cum-Secretary, Government of Himachal Pradesh, Department of Power, Shimla-171002
4. Chairman, Himachal Pradesh State Electricity Board, Shimla-171004
5. Chairman, Central Electricity Regulatory Commission, 5th Floor, Core-3, Scope Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003.
6. CMD, Power Grid Corporation of India Limited, Hemkunt Chambers, 10th Floor, 89, Nehru Place, New Delhi-110049.
7. Secretary, Ministry of Power, Government of India, Shram Shakti Bhawan, New Delhi -1.
8. Secretary, Ministry of Environment & Forests, Government of India, Paryavaran Bhawan, Lodhi Road, New Delhi-110003.
9. Joint Secretary-(IPC)/(Hydro), Ministry of Power, Shram Shakti Bhawan, New Delhi-1
10. Adviser (Energy), Planning Commission, Yojana Bhawan, New Delhi-110001
11. Shri S. Chopra, Director, Geological Survey of India, Room No 203/204, C-II, Pushpa Bhawan, Madangir Road, New Delhi-110062
12. Chairman, CWC, Sewa Bhawan, R.K. Puram, New Delhi-110066.

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13. Member (D&R), CWC, Sewa Bhawan, R.K. Puram, New Delhi-110066.
14. Member (Hydro), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
15. Member (Planning), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
16. Member (Thermal), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
17. Member (Grid Operation), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
18. Member (Economic & Commercial), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
19. Member (Power Systems), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
20. Chief Engineer (HPA), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
21. Chief Engineer (SP&PA), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
22. Chief Engineer (F&CA), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
23. Chief Engineer (TCD), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
24. Chief Engineer (Legal), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
25. Chief Engineer (HM), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
26. Chief Engineer (IRP), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
27. Chief Engineer (LD&T), CEA, Sewa Bhawan, R.K. Puram, New Delhi-110066.
28. Chief Engineer (PAO), CWC, Sewa Bhawan, R.K. Puram, New Delhi-110066.

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Annex-1

KARCHAM WANGTOO H.E. PROJECT (4X250 MW) IN HIMACHAL PRADESH BY
 M/s JAYPEE KARCHAM HYDRO CORP. Ltd. (M/s JKHCCL)

ABSTRACT OF COST

(1 x US \$ = Rs.48.00)

COMPLETION COST

	Domestic Component Rs. Crores	Foreign Component M US \$	Total Equ. Cost Rs. Crs.
I. CIVIL WORKS	3278.39 x	-	3278.39
II. a) E&M WORKS	228.52	117.44	792.23
b) TAXES & DUTIES	156.87	-	156.87
c) FREIGHT & INSURANCE	46.54	-	46.54
d) ERECTION & COMMISSIONING	70.57	-	70.57
SUB TOTAL E&M WORKS	502.50	117.44	1066.21
III. TOTAL COST WITHOUT IDC & FC	3780.89	117.44	4344.60
IV. IDC	1456.50	-	1456.50
V. FC	93.49	-	93.49
VI. INSURANCE PREMIUM ON CIVIL CONSTRUCTION WORKS	15.00 x	-	15.00
VII. TOTAL COST WITH IDC & FC	5345.88	117.44	5909.59

karchamwangtoo



Signature



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Annexure-II

Karcham Wangtoo HEP(4x250 MW) in Himamchal Pradesh by M/s
 Jaypee Karcham Hydro Corp. Ltd. (M/s JKHCL)

I. Tentative Financial package

Debt Equity Ratio = 70:30

Exchange Rate 1 US \$ = Rs. 48.00

Description	Foreign component		Total
	US\$ (Million)	Equv. INR (Rs crs)	
A. Equity			
i) Promoter			
ii) Public			
Sub Total(Equity)			
B. Debt			
i) IFI/Banks(Rupee loan)			
ii) Rupee tied loan	117.44 [@]	563.71 [@]	3344.86
iii) IDC on Rupee tied loan			563.71
Sub total (Debt)	117.44	563.71	228.14 [@]
Total (Debt + Equity)	117.44	563.71	1772.88
			3344.86
			563.71
			228.14

[@] Variation in the amount shall be allowed based on FE rate prevailing on the date of drawl and consequent change in IDC and FC for this portion, which shall be denominated only in Rupees

II. Terms of Loan

Sl. No.	Description	Package I	Package II	Package III
1	Source of debt	IFI/Banks	Rupee tied loan for imports	IDC on Rupee tied loan
	Currency	INR	INR	INR
2	Amount	Rs 3344.86 Crores	Rs 563.71 crores	Rs 228.14 crores
3	Interest rate	15 % p.a.	15 % p.a.	15% p.a.
4	Repayment period	10 years	10 years	10 years
5	Moratorium period	One year after completion,	One year after completion	One year after completion
6	Financing charges	1% of loan amount	1% of loan amount	1% of loan amount



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KARCHAM WANGTOO HYDROELECTRIC PROJECT (4X250 MW) -
 HIMACHAL PRADESH

SALIENT FEATURES

LOCATION

State HIMACHAL PRADESH
 District Kinnaur
 River Satluj

HYDROLOGY

Catchment area at dam site 48755 Sq.km
 Snow catchment 38760 Sq.km
 Maximum observed average 10 daily discharge 1870.48 cumec
 Design flood 5660 cumec
 Average run off in 90% availability year 9413 MCM
 Average run off in 50% mean year 12148 MCM
 Discharge for 90% availability 80.8 cumec
 Discharge for 50% availability 176.0 cumec

RIVER DIVERSION WORKS

Diversion Tunnel

Dia 10.5 m
 Length 456 m

Coffer Dams

Type Rock fill with impervious core
 Upstream 20.5 m high
 Downstream 8.5 m high

DIVERSION DAM

Type Concrete Gravity
 Top of dam EL 1813.00 m
 Height from deepest foundation level 98 m
 Total length at top 177.8 m
 No. of blocks 12
 Minimum river bed level at dam axis EL 1770.00 m
 Deepest foundation level EL 1715.00 m
 Maximum pond level EL 1810.00 m
 Minimum pond level EL 1799.00 m

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Annex III
 P-2/5

Live storage capacity

544.97 Ha-m

MAIN SPILLWAY (SLUICES)

No. of bays 76
 Size of each sluice 9 m (W) x 9.0 m (H)
 Crest elevation 1782.00 m
 Size of each gate 9 m (W) x 9.25 m (H)
 Type of gates Radial gates (top sealing type)
 Maximum flood level 1808 m
 Discharge capacity of sluices 8260 cumec

INTAKE

Number of intake bays Four
 Size of each bay at trash-racks 18 m (W) x 7.5 m (H)
 Crest level 1786.00 m
 Minimum water level U/s 1799.00 m
 Discharge through each intake bay 130.25 cumec
 Number of intake gates Four
 Size of each gate 6.00 M (W) X 5.25 M (H)
 Size of intake tunnels 6.0 m modified Horse Shoe shaped

SEDIMENTATION CHAMBERS

Number of Sedimentation Chambers Four
 Particle size to be excluded 0.2 mm and above
 Size of each chamber 505 m x 16.0 m x 28 m
 Design discharge 521.25 cumec
 Flushing discharge 104.25 cumec

LINK TUNNELS

Size Four
 Length of each tunnel Four individual link tunnels of 6.0 m dia
 Gates at start of link tunnels Outer link tunnels – 125.5 m
 Size Inner link tunnels – 65.5 m
 4 nos.
 6.0 m (W) x 6.0 m (H)

FLUSHING CONDUITS

Number 4
 Size 2.75 m dia circular
 Lengths 300 m, 330 m, 370m and 405 m



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Annex II.
P3/S
TFC

HEADRACE TUNNEL

Size & type 10.48 m dia circular
Length 17.2 km
Velocity through tunnel 4.83 m/sec
Design discharge 417 cumecs
Slope 1:150
Adits

Chainage from intake axis (m)	Length (m)
900	225
3104	470
5092	450
7385	250
11860	100
14310	600
17750	140

Inlet Adit
Intermediate adit 1
Intermediate adit 2
Intermediate adit 3
Intermediate adit 4
Intermediate adit 5
Surge shaft adit

SURGE SHAFT

Type Restricted orifice
Diameter 16 m upto EL 1755.00 m and 27 m from EL 1755.00 m to EL 1852.00 m
Bottom elevation EL 1667.950 m
Top elevation EL 1852.00 m
Maximum upsurge 1848.880 m
Minimum upsurge 1717.103 m

PRESSURE SHAFTS

No. and type 4 nos. steel lined
Diameter 4.75 m
Length of each penstock 290.50 m

VALVE CHAMBER

Location Downstream of surge shaft
Size of chamber 95 m x 10 m x 22 m (LxBxH)
Type of valves Butterfly valves
Diameter of each valve 4750 mm



89/5 48

**POWER STATION COMPLEX
 POWER HOUSE/TRANSFORMER CAVITY**

Type Underground
 Installed Capacity 1000 MW (4x250 MW)
 Size of machine hall 143 m (L) x 21 m (W) x 49 m (H)
 Size of transformer hall 143 m (L) x 15.5 m (B) x 25 m (H)
 Average gross head 298.73 m
 Net head at 417 cumec tunnel discharge 275.93 m
 Length of cable tunnel 528.71 m

ELECTRO-MECHANICAL EQUIPMENT

TURBINES

No. and type 4 (four) nos., Francis turbines
 Rating 255 MW/347,000 MHP
 Maximum/Minimum Head 303.50/258.20 m
 Design head 275.93 m
 Design discharge 104.25 cumecs
 Speed 214.30 rpm

MAIN INLET VALVES

No. and Type 4 Nos., Spherical type
 Diameter 3200 mm

PENSTOCK BUTTERFLY VALVE

No. and Type 4 Nos., Butterfly type
 Diameter 4000 mm

GENERATORS

No. and Type 4 nos., semi-umbrella, vertical synchronous generators
 Rated output 277.70 MVA
 Rated voltage 15.75 kv
 Speed 214.30 rpm

GENERATOR-TRANSFORMERS

Number 13 (Thirteen), including one spare
 Rating 4 banks of three single phase transformers,
 93 MVA, 15.75/400/13 kv



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420 KV GAS INSULATED SWITCHGEAR

Type Indoor/Outdoor G.I.S.
 Rating 420 kV, 4000/2000 A (bus bar/feeder ratings),
 7 40 kA

No. of bays Symm. S.C. current for one second
 11 (eleven) comprising generator-transformer and
 Bus-coupler bays (located underground) and 6 Nos.
 Feeder bays outdoor type

COLLECTION GALLERY CUM D/s SURGE CHAMBER

Size 220 m (L) x 16 m (W) x 42.5 m (H)
 Maximum surge level 1523.065 m
 Minimum surge level 1497.812 m

TAIL RACE TUNNEL

Size & Type 10.48 m dia circular shape
 Length 909 m
 Invert level of tail race tunnel at outfall 1505.00 m
 Normal tail water level 1508.00 m
 Maximum tail water level 1516.25 m

POWER GENERATION

Installed Capacity 1000 MW
 Annual generation-90% dependable year 4559.77 GWH
 Plant load factor-90% dependable year 52.05 %



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Annex-IV

Karcham Wangtoo H.E. Project (4x250 = 1000 MW) – Himachal Pradesh
 by M/s JKHCCL

Observations of CWC on water availability and design flood

Hydrological Aspects

The cause of flood occurred in August, 2000 in Surluj basin as well as its magnitude are yet to be re-assessed, it can not be used for estimating the design flood at Karcham dam site. At this stage a design flood of 5660 Cumecs, which was recommended for Nathpa Jhakri H.E. Project, under construction about 40 Km downstream of Karcham Dam Site on the same river may be used tentatively for planning of the project. The design flood may, however, be reviewed after collecting sufficient site specific hydro meteorological data as well as assessment of the flood occurred in August, 2000 before taking up of construction design.

Gates Design

A separate and suitable air vent be provided downstream of intake gate at the time of detailed design.

Concrete Masonary Dam Design Aspects

1. The NOF and OF sections should have a suitable downstream profile in order that a most economical and stable section is obtained. Foundation gallery near the upstream face should be provided as per IS 12966-1922 in order to reduce the uplift pressure.
2. Seismic design parameters should be got studied by the National committee of Seismic Design Parameters.
3. Reservoir rim stability should be got studied by a reputed geological organisation like GSI, etc.
4. Consolidation Grouting as proposed in the DPR, i.e. 15 m deep @ 3 m c/c may be retained in the DPR although this aspect should be finalised on the basis of actual geological strata encountered during excavation. Similarly, the exact depth and spacing of curtain grouting should be ascertained on the basis of actual geological strata.
5. Spillway & Energy Dissipation should be finalised on the basis of model testing to be conducted before construction stage.
6. Additional samples should be tested to estimate the Uniaxial Compressive Stress properly. Permeability of the rock should also be tested

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 Annex - V 15

Karcham Wangtoo H.E. Project (4x250 = 1000 MW) – Himachal Pradesh
 by M/s JKHCIL

Observations of CEA on Design of Electro-Mechanical Works

- i) The detailed system studies and optimum value of S.C.R. etc. will be got conducted by M/s Jaiprakash Industries Limited vide their letter No. JIL/205 dated 18th March, 2002 at the time of order of equipment.
- ii) In view of equipment parameters like Short Circuit ratio, line charging capacity, generator voltage etc. to be optimized at the time of detailed designs, no increase in cost will be admissible subsequently.
- iii) Any reduction, if any in cost of equipment will be to project account.

SB



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PROFORMA

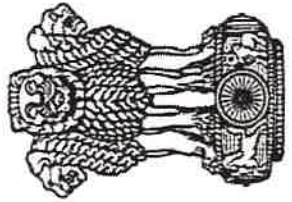
Monthly status of progress in respect of Power Generation Schemes already accorded TEC by CEA and which are yet to achieve financial closure/ investment sanction.

1.	Name of the Project	Karcham Wangtoo Hydro-Electric Power Project (4x250 MW) in Himachal Pradesh.
2.	Name of Power Company	M/s Jaypee Karcham Hydro Corporation Limited (JKHCL), JA House, 63, Basant Lok, Vasant Vihar, New Delhi – 110 057.
3.	Date of TEC	31.3.2003
4.	Status of Power Purchase Agreement	
5.	Status of tie-up of Finances	
6.	Status of EPC Contract	
7.	Status of O&M Contract	
8.	Status of Firm Financial Package (to be submitted by 30.9. 2003)	
9.	Date of Financial Closure	
10.	Expected COD	
11.	Status of Site Activities (Land acquisition, R&R activities, site development works etc.)	
12.	Status of Compliance of the conditions imposed at the time of issue of TEC	
13.	Reasons/ constraints for delays in achieving the financial closure	



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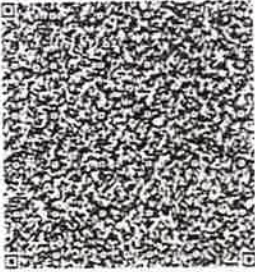
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Certificate No. : IN-DL45434615487382L
 Certificate Issued Date : 02-Aug-2013 02:03 PM
 Account Reference : IMPACC (PF)/ dl763913/ DELHI/ DL-DLH
 Unique Doc. Reference : SUBIN-DL45434615487382L
 Purchased by : JAIPRAKASH POWER VENTURES LTD
 Description of Document : Article 5 General Agreement
 Property Description : NA
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : JAIPRAKASH POWER VENTURES LTD
 Second Party : NA
 Stamp Duty Paid By : JAIPRAKASH POWER VENTURES LTD
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)



Please write or type below this line.....

SETTLEMENT AGREEMENT BETWEEN PTC INDIA LIMITED AND JAIPRAKASH POWER VENTURES LIMITED

THIS Settlement Agreement (hereinafter referred to as "Agreement") is being made at New Delhi, on this 5th day of August 2013 by and between:



Statutory
1. The authenticity of this Stamp Certificate should be verified at www.shoestamp.com. Any discrepancy in the details of this Certificate and as available on the website renders it invalid.

2. The onus of checking the legitimacy is on the users of the certificate.

3. In case of any discrepancy please inform the Competent Authority.



PTC India Ltd., a company incorporated under the Companies Act, 1956 having its registered office at 2nd Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi - 110066 (hereinafter referred to as "PTC" which expression shall, unless repugnant to the context, means and includes its successors and permitted assigns), represented herein by its Director, Mr. S.N. Goel of the **FIRST PART**; and

Jaiprakash Power Ventures Limited, a company incorporated under the Companies Act, 1956 having its registered office at JUIT Complex, Waknaghat, P.O. Dumehar Bani, Kandaghat, District Solan., Himachal Pradesh and Corporate Office at Sector-128, Noida 201304 (Uttar Pradesh) (hereinafter referred to as "JPVL" which expression shall unless repugnant to the context means and includes its successors and permitted assigns), represented herein by its Managing Director and CFO, Mr. Suren Jain of the **SECOND PART**;

each also individually referred to as the "Party", and collectively referred to as "Parties".

WHEREAS:

(A) PTC is a company engaged in trading of electricity and has been established with an objective, inter-alia, to carry out in India and abroad, the business of purchase of all forms of electrical power from independent power producers, captive power plants and other generating companies, state electricity boards, state government statutory bodies, licensees, power utilities, and sale of all forms of electrical power to the state electricity boards, power utilities, bulk consumers of power and other organizations buying power, whether in the private or public sector.

(B) JPVL is a generating company as defined in the Electricity Act, 2003 that owns, operates and maintains the Karcham Wangtoo Hydro Electric Project in the District of Kinnaur in the State of Himachal Pradesh (hereinafter referred to as the "Project"). The said Project was being earlier implemented by Jaypee Karcham Hydro Corporation



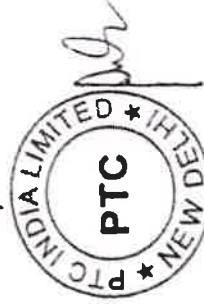
Limited (hereinafter referred to as "JKHCL") which got amalgamated in JPVL by a scheme of amalgamation as approved by High Court of Himachal Pradesh vide its order dated 25.07.2011 passed in Company Petition No. 19 of 2011.

- (C) PTC and erstwhile JKHCL had entered into a Power Purchase Agreement on 21.03.2006 (hereinafter referred to as "PPA") whereby PTC had agreed to purchase and erstwhile JKHCL had agreed to sell 704 MW gross capacity, and corresponding energy, from the Project at the Project bus bar for a period of 35 (thirty five) years from the Commercial Operation Date (hereinafter referred to as "COD") of the Project for onward sale on long term basis for which subsequently PTC has entered into Power Sale Agreements with State Utilities.
- (D) The said PPA dated 21.03.2006 envisaged in Article 9 read with Schedule E thereof that the Capital Cost of the Project shall be approved by the Central Electricity Authority (hereinafter referred to as "CEA")/ Central Electricity Regulatory Commission (hereinafter referred to as "CERC") and the Tariff on the basis of such Capital Cost shall be approved/determined by the CERC.
- (E) The erstwhile JKHCL filed petition no. 153/2009 before the CERC for approval of revised capital cost and for declaration and confirmation that CERC, based on appropriate filing, shall consider and approve the final capital cost and/or tariff. The said petition was dismissed by CERC vide its order dated 26.10.2009.
- (F) Subsequent to the dismissal of petition no.153/2009 by CERC, erstwhile JKHCL vide its letter dated 17.12.2009, declared the PPA to be void as the procedure contemplated in the PPA for determination of the tariff on the basis of which alone the price for supply of electricity by JKHCL



to PTC was payable, could not be enforced. PTC had disputed the said stand of the erstwhile JKHCL and claimed that the PPA is valid. PTC in this regard filed a petition under Section 9 of the Arbitration and Conciliation Act, 1996 before the High Court of Delhi for restraining erstwhile JKHCL from entering into any agreement for sale of the Contracted Power under the said PPA dated 21.03.2006 with any third party. The said application was rejected by the Single Judge. PTC thereafter filed an appeal against the order of the Single Judge in the Division Bench, which was also dismissed. PTC thereafter filed Special Leave Petition being SLP (C) No. 26883 of 2010 in the Supreme Court of India against the orders of the Division Bench of High Court of Delhi. The Supreme Court of India passed an interim order on 21.09.2010 that “....*Pending hearing and disposal of this Special Leave Petition, if the respondent enters into any agreement for sale of electricity with any third party, the same will abide by and be subject to the result of the Special Leave Petition*”. The said SLP is pending before the Supreme Court of India.

- (G) PTC also invoked arbitration claiming that the said PPA was valid and enforceable under law. The Arbitral Tribunal vide its Award dated 28.04.2011 declared the PPA to be void. PTC challenged the said Award under Section 34 of the Arbitration and Conciliation Act 1996 before the High Court of Delhi by filing a petition OMP No. 677 of 2011. The Single Judge of the High Court of Delhi vide its order and judgment dated 15.05.2012 set aside the Award passed by Arbitral Tribunal and declared the PPA to be valid and directed JPVL to approach the CERC for fixation of the tariff for supply of electricity, to the PTC within a period of four weeks from date of judgment i.e. 15.05.2012. JPVL filed an appeal FAO (OS) No. 244 of 2012 against the said order and judgment dated 15.05.2012 passed in OMP No. 677 of 2011. The Division Bench of the High Court of Delhi on 29.05.2012 passed an interim order stating that “1. *Under the impugned order dated May 15, 2012 the appellant is required to approach CERC for fixation of tariff pertaining to supply of electricity within a period of 4 weeks commencing from the date of order impugned, which period would expire on June 12, 2012. 2. Since hearing of the appeal has been*



Page 4 of 11



expedited the appellant need not approach CERC for fixation of the tariff as per the impugned order". The said Appeal is pending before the Division Bench of the High Court of Delhi.

- (H) In the meantime Haryana Power Generation Corporation Limited (hereinafter referred to as "HPGCL"), one of the buyers of PTC, filed a petition before Haryana Electricity Regulatory Commission (hereinafter referred to as "HERC") on 25.05.2011 for enforcing the PPA and its Power Sale Agreement with PTC. The said petition was opposed by JPVL by filing an application on the ground of jurisdiction of HERC on the PPA and JPVL. HERC vide its order dated 25.08.2011 held that it has jurisdiction to decide the petition filed by HPGCL. JPVL filed an appeal No. 130 of 2011 against the said order dated 25.08.2011 before the Appellate Tribunal for Electricity (hereinafter referred to as "APTEL"). APTEL vide its judgment dated 20.07.2012 allowed the said appeal of JPVL and held that HERC has no jurisdiction over JPVL and PPA. PTC filed a Civil Appeal No. 92 of 2013 against the said judgment dated 20.07.2012 before the Supreme Court of India which has been admitted and pending. HPGCL also filed an appeal on 06.11.2012 before the Supreme Court of India against the said judgment dated 20.07.2012 of APTEL. The said appeal filed by HPGCL is yet to be admitted.
- (I) JPVL, in the meantime, commenced commercial operations of the Project and has been selling and continues to sell the power generated from the Project through bilateral transactions, under different agreements / arrangements with various third parties, and Power Exchanges.
- (J) The Parties, in order to settle their disputes arising in relation to the PPA discussed and agreed to enter into this Settlement Agreement.

NOW THEREFORE IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES HERETO AS UNDER:



1. Definitions.

In this Agreement, unless the context otherwise requires;

- a. **Agreement or Settlement Agreement** shall mean this Settlement Agreement.

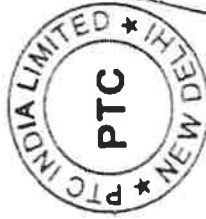
The words and expressions used herein and not defined, but defined in the Electricity Act, 2003 or the PPA shall have the meanings respectively assigned to them in the Electricity Act, 2003 or the PPA.

2. Conditions Precedent and Consequences of non-fulfillment.

- 2.1 The present Agreement between the Parties is subject to the following conditions precedent to be fulfilled by a Party or Parties, as the case may be, within the period specified against the condition precedent or such extended period as may be mutually agreed by the Parties in writing:

- (i) JPVL shall file an application for withdrawal of pending appeal FAO (OS) No. 244 of 2012; "Jaiprakash Power Ventures Limited vs. PTC India Ltd" from the Division Bench of the High Court of Delhi and PTC shall file applications for withdrawal of SLP (Civil) No. 26883 of 2010; "PTC India Ltd. vs. Jaypee Karcham Hydro Corporation Limited" and Civil Appeal No. 92 of 2013; "PTC India Ltd. vs. Haryana Electricity Regulatory Commission, JPVL and Others" from the Supreme Court of India simultaneously on the date of signing of this Agreement. Parties will make all endeavours to withdraw the aforesaid cases from the respective courts as early as possible.

- (ii) JPVL shall file a petition before CERC for approval of Tariff within 30 days from the date of signing of this Agreement



- 2.2 In the event any Party or Parties are not able to fulfill the above mentioned conditions precedent within the specified period or such extended period as may be mutually agreed by the Parties in writing due to any reasons whatsoever, this Agreement may be terminated by a written notice by the Party who is not responsible for completion of the said condition precedent.
3. **Tariff Petition.**
- 3.1 JPVL brought to the notice of PTC that there have been some changes in the facts and circumstances relating to the Tariff Regulations, Capital Cost, Plant Capacity, Hydrological Series, Mandatory release of water, Free Power and Design Energy etc. after the date of execution of the PPA (21.03.2006) and the Tariff petition shall be filed before CERC based on the changed parameters for determination of Tariff.
4. **Term of the PPA and Effective Date of Supply.**
- 4.1 The COD of the Project is 13.09.2011. The supply of power from the Project to PTC as per this Agreement shall commence within 30 days of issue of Tariff order by CERC. The term of PPA read with this Agreement shall be a period reckoned from the date of supply of power from the Project to PTC under this Agreement till the expiry of 35 years from the date of commencement of power supply, subject to early termination under the provisions of PPA read with this Agreement. The applicable Tariff for 35 years from COD shall be as determined by CERC. The tariff for the extended period, i.e. beyond 35 years from COD shall be as per mutual terms and conditions to be decided by the Parties 12 months prior to the expiry of 35 years from COD. In the event the Parties are not able to agree upon such tariff, for the extended period of PPA within the stipulated time then the PPA and this Agreement shall expire on the last day of 35th year from COD.



- 4.2 The supply of power to PTC shall be subject to the following:
- (i) CERC determines the Tariff for supply of power by JPVL to PTC from the Project.
 - (ii) JPVL shall be entitled to enter into short term agreements/ arrangements for sale of power intended to be sold to PTC under the PPA till the issue of Tariff order by CERC on the Tariff petition filed by JPVL. JPVL shall supply only that much quantum of power and corresponding energy to PTC out of Contracted Power and corresponding Contracted Energy, as may be available with JPVL after honouring its agreements / arrangements entered by it till the issue of Tariff order by CERC. Once the said agreements / arrangements are over by efflux of time or otherwise, JPVL shall supply Contracted Power and corresponding Contracted Energy to PTC.
5. **No Claim by either Party.**
- 5.1 Each Party, irrevocably and unconditionally surrender their right for any Claim related to and/or arising from the legal cases withdrawn under Clause 2.1 (i) above.
6. **Long Term Open Access.**
- 6.1 The Long Term Access (hereinafter referred to as "LTA") of 704 MW was earlier taken by PTC as per the terms and conditions of the PPA. The LTA has been transferred to JPVL with modifications in target region. PTC and JPVL shall make joint efforts to modify the target region of LTA to ensure that sufficient LTA is available in Northern Region for the PPA quantum of power.



- 6.2 Since now JPVL holds the LTA instead of PTC the following mechanism shall operate:
- (i) The payment of LTA charges to CTU as per the bills raised by CTU on JPVL shall be made by PTC. JPVL shall forward the bills received from CTU to PTC on the same day they are received by JPVL. The PTC shall make the payment within the due date mentioned in the bills for making payment or as prescribed in the relevant regulations. Any loss incurred by JPVL or any fine/penalty levied on JPVL due to delay in payment of bills by PTC to CTU shall be recoverable by JPVL from PTC.
 - (ii) Amount of Letter of Credit (hereinafter referred to as "LC") to be opened by PTC in favour of JPVL under the PPA as payment security for payment of bills for supply of power shall be increased suitably to also secure the payments of the LTA charges.
 - (iii) In case LC is provided by JPVL in favour of CTU, LC commission charges and any other charges of like nature incurred by JPVL for opening and/or maintaining the said LC, shall be shared equally by the Parties.
- 6.3 PTC shall indemnify and hold harmless, protect, defend and save JPVL, its directors, officers, employees, successors and permitted assigns from and against any and all losses, liabilities, damages, costs and expenses by reason of it non-payment or delay in payment of the transmission charges to CTU during the tenure of the PPA. Notwithstanding anything contained under this Agreement, PTC shall not be liable for transmission charges after the termination or invalidation of the PPA.



- 7. No Admission by either Party.**
- 7.1 The Agreement has been reached agreeing to certain terms and conditions to put an end to the disputes involving the Parties and without going into the merits of the contentions of the respective Parties in the pending legal cases as mentioned in the Clause 2.1 (i) above. The withdrawal of the cases mentioned in Clause 2.1 (i) above, as part of amicable settlement, does not preclude the Parties from raising questions of law in other matters not related to sale of power by JPVL from the Project to PTC under the PPA as modified by this Agreement, either in support of or against the decisions rendered by Courts/ Tribunals in the cases agreed to be withdrawn hereby under this Agreement. The transactions contemplated hereby are a settlement. No person or Party is admitting to any legal contention of any person or Party by negotiating this Agreement, entering into this Agreement or complying with any of the terms set forth herein.
- 8. Terms of PPA.**
- 8.1 Except to the extent affected by the provisions of this Agreement all other terms of the PPA shall remain unaltered.
- 9. Mutual Drafting.**
- 9.1 This Agreement is the mutual product of the Parties, and each provision hereof has been subject to the mutual consultation, negotiation and agreement of each of the Parties and shall not be construed for or against any Party.
- 10. Amendment.**
- 10.1 This Agreement may only be amended or supplemented by a written agreement between the Parties.



[Handwritten signature]




11. Notice.

11.1 All notices, requests, demands or other communications required or permitted to be given or made under this Agreement shall be in writing and deemed to have been given when received at the address of the Parties given herein above.

IN WITNESS WHEREOF the Parties have executed these presents the day month and year first above written.

For and behalf of
PTC India Limited


Signature with Seal

S.N. GOEL
Director
PTC India Limited
2nd Floor, NBCC Tower
15, Bhikaji Cama Place, New Delhi-110066


For and behalf of
Jaiprakash Power Ventures Limited

For Jaiprakash Power Ventures Limited



(Suren Jain)
Managing Director & CFO

Signature with Seal


In the presence of:

1. 
PANKAJ GOEL
vice President
PTC India Ltd

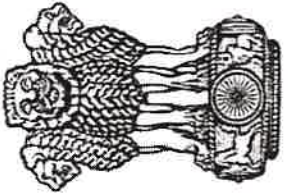
In the presence of:

1. 
SANKU K. GOEL
S/o Late Smt LOKPAL AUSTA
D-402, Panchshyama Paradise
Sector 92A, NOIDA

2. 
RAVI SHANKAR
Manager
PTC India Ltd.

2. 
KAPIL AHUJA
S/o Babra Das Ahuja
Flat 908B, Block C, Gauravlio
Indirapuram, Ghaziabad



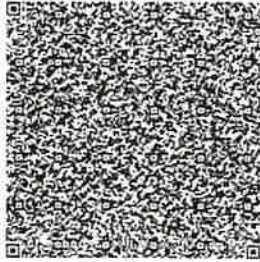


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Certificate Issued Date : 28-Nov-2017 05:21 PM
Account Reference : IMPACC (IV)/ dl806603/ DELHI/ DL-DLH
Unique Doc. Reference : SUBIN-DL80660319067468144253P
Purchased by : PTC INDIA LIMITED
Description of Document : Article 5 General Agreement
Property Description : AGREEMENT FOR SALE AND PURCHASE OF POWER
Consideration Price (Rs.) : 0
 (Zero)
First Party : PTC INDIA LIMITED
Second Party : AS APPLICABLE
Stamp Duty Paid By : PTC INDIA LIMITED
Stamp Duty Amount(Rs.) : 100
 (One Hundred only)



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Supplementary PPA to the Power Purchase Agreement dated 21 March, 2006 read with Settlement Agreement dated 05 August, 2013 between PTC India Limited and Himachal Baspa Power Company Limited.

This Supplementary PPA to the Power Purchase Agreement dated 21st March, 2006 and Settlement Agreement dated 5th August 2013 ("Supplementary PPA") is made at New Delhi on the **01st day of December, 2017;**

BY AND BETWEEN

PTC INDIA LIMITED (Formerly known as Power Trading Corporation of India Limited),



Statutory Alert:

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2. The onus of checking the authenticity rests with the users of the certificate.
3. In case of any discrepancy please write to the Competent Authority.

Page 1 of 3



a public limited company incorporated under the Companies Act 1956 or Companies Act 2013, having its registered office at 2nd Floor, NBCC Tower, 15 Bhikaji Cama Place, New Delhi - 110 066 (hereinafter referred to as "PTC", which expression shall unless repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns) of the FIRST PART; AND

HIMACHAL BASPA POWER COMPANY LIMITED (earlier Jaypee Karcham Hydro Corporation Limited), a company incorporated under the Companies Act, 1956 or Companies Act 2013, having its Registered office at Karcham Wangtoo H.E. Project, Sholtu Colony, P.O. Tapri, District Kinnaur, Himachal Pradesh - 172104 (hereinafter referred to as the "**Company**", which expression shall, unless repugnant to the context or meaning thereof be deemed to include its successors and permitted assigns) of the SECOND PART.

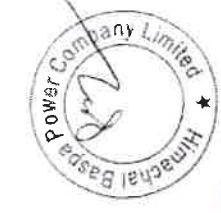
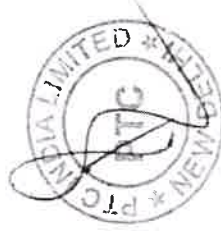
"PTC" and the "**Company**" as the context may require, are individually referred to as "**Party**" and collectively referred to as "**Parties**".

WHEREAS:

- A. PTC and the Company has entered into a Power Purchase Agreement dated March 21, 2006 read with the Settlement Agreement dated August 05, 2013 (hereinafter collectively referred as to "**PPA**") for purchase and onward sale of 704 MW gross power at the Project bus bar and corresponding energy on long term basis from 1000 MW Karcham Wangtoo Hydroelectric Project on the terms and conditions set out therein.
- B. Subsequently, PTC has entered into Power Sale Agreement(s) with the various State Utilities (Purchasers).
- C. The Company has expressed its desire for sale of additional gross power of 176 MW till September 13, 2023 and thereafter 116 MW till the term of the existing PPA, in addition to the gross capacity of 704 MW, and corresponding energy at the Project bus bar to PTC on long term basis.
- D. In the above context, the Parties have now entered into this Supplementary PPA to perform their respective obligations necessary to complete the transactions contemplated herein and to enable PTC to perform its obligations for onward sale of the additional capacity and corresponding energy.

NOW, therefore, in consideration of the premises and mutual agreements, covenants and conditions set forth herein, it is hereby agreed by and between the Parties as follows:

1. The Company undertakes to sell and PTC undertakes to purchase additional gross power of 176 MW till September 13, 2023 and thereafter 116 MW till the term of the existing PPA, and the corresponding energy at the Project bus bar ("**Additional Contracted Power**").




Page 2 of 3



2. Contracted Energy for this Additional Contracted Power shall be worked out in proportion to 176 MW or 116 MW for the respective period to the saleable capacity of the Project in each settlement period as per Column 12 and Column 13 of Schedule D of the PPA.
3. The Long Term Open Access for this Additional Contracted Power shall be obtained by the Company.
4. Since this Additional Contracted Power is being sold to the Purchaser already having a Power Sale Agreement with PTC, the existing Contracted Power plus this Additional Contracted Power put together shall be considered for the purpose of calculation of PAFM.
5. This Supplementary PPA shall become effective from the date of its execution by the Parties.
6. This Supplementary PPA shall form an integral part of the PPA for the Additional Contracted Power/Contracted Energy as mentioned herein, all other terms and conditions of the PPA, shall remain unmodified and in full force and effect. The references of all aforesaid provisions shall be read as supplemented/ amended by this Supplementary PPA and Tariff and all other terms and conditions for sale of this Additional Contracted Power shall be as per the existing PPA. Further, it was agreed by the Company that the issue of secondary energy shall be treated at par for the total power supply including this Additional Contracted Power to the existing Purchaser already having a Power Sale Agreement with PTC and no previous loading in respect of 176 MW shall be there on the tariff in future.
7. In case the term of the existing PPA is extended, then the term for this Additional Contracted Power shall also be automatically extended coinciding with the extended term of the existing PPA.

IN WITNESS WHEREOF, the Parties have executed this Supplementary PPA to the PPA through their authorized representatives at New Delhi.

For and on behalf of
PTC India Limited


HARISH SARAN
Executive Director (Marketing)
PTC India Limited
2nd Floor, NBCC Tower
15, Bhikaji Cama Place, New Delhi-110066


Signature with Seal

Witness: 

1. (RAVI SHANKAR)
PTC India Ltd.



For and on behalf of
Himachal Baspa Power Company Ltd.


(SATISH JINDAL)
CEO (Trading)



Signature with Seal

Witness: 

2. (ANURAGH NATH)
S.R. MANAGE (F&A)
MSCL



S. R. Bhargave & Co. Cost Accountants

Form CRA-3

[Rule 6(4) of the Companies (cost records and audit) Rules, 2014]

FORM OF THE COST AUDIT REPORT

We, S. R. Bhargave & Co. having been appointed as Cost Auditor(s) under Section 148 (3) of the Companies Act, 2013 (18 of 2013) of **Himachal Baspa Power Company Limited** having its registered office at **Karcham-Wangtoo H. E. Project Sholtu Colony, P. O. Tapri, Sholtu - 172104, Himachal Pradesh** (hereinafter referred to as the company), have audited the Cost Records maintained at the Company under Section 148 of the said Act in compliance with cost auditing standards, in respect of the Generation of Electricity for the year ended **31st March 2018** maintained by the company and report, in addition to our observations and suggestions in Para 2.

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of this audit.
- ii. In our opinion, proper cost records, as per Rule 5 of the Companies (Cost Records and Audit) Rules, 2014 have been maintained by the company in respect of products under reference.
- iii. In our opinion, proper returns adequate for the purpose of the Cost Audit have been received from the branches not visited by us.
- iv. In our opinion and to the best of our information, the said books and records give the information required by the Companies Act, 2013, in the manner so required.
- v. In our opinion, the company has adequate system of internal audit of cost records which to our opinion is commensurate to its nature and size of its business.
- vi. In our opinion, information, statements in the annexure to this cost audit report gives a true and fair view of the cost of production of products, cost of sales, margin and other information related to products under reference.

SPU



Indirect Taxes | Costing | Management Consultancy

3, Khushbu Apartments, S. No. 78/2, Plot No. 29, Bhusari Colony (L)
Off. Paud Road, Kothrud, Pune - 411 038

Tel/Fax : (020) 25283344, 25280896, E-mail : bhargaves@vsnl.net

S. R. Bhargave & Co.

Cost Accountants

vii. Detailed unit-wise and product/activity-wise cost statements and schedules there to in respect of the product groups/activities under reference of the company duly audited and certified by us are kept in the company.

- 2 Observations and suggestions, if any, of the Cost Auditor, relevant to the cost audit.
- Annexure to the Cost Audit Report is the responsibility of the Company's Management. Our audit including examining, on test basis, evidence supporting these statements to verify that these statements are free of material mis-statement. Our observations and suggestions are based on the information contained in these statements.
 - Cost Auditing Standards - Ministry of Corporate Affairs Government of India has approved vide letter no 52/33/CAB/2013 dated 10/09/2015 following four cost Auditing Standards u/s 148(3) of The Companies Act, 2013 which have been made applicable by The Institute of Cost Accountants of India with effect from on or after 11/09/2015.
 - 101- Planning an audit of Cost Statements
 - 102- Cost Audit Documentation
 - 103- Overall objectives of the independent cost auditor and the conduct of an audit in accordance with Cost Auditing Standards.
 - 104-knowledge of business its processes and the business
- Since the cost auditing process for the company was commenced after 11/09/2015 the above-mentioned standards have been considered. As per the generally accepted auditing principles and standards read with Guidance manual for audit Quality issued by the Quality Review Board of The Institute of Cost Accountants of India the matters relating to Audit Planning (CAS-101) Audit Documentation (CAS-102), Objectives (CAS-103) have been dealt with.

SPG



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S. R. Bhargave & Co. Cost Accountants

- The cost accounting records of the company are maintained as per Form CRA-1 prescribed in the Rules in accordance with the Generally Accepted Cost Accounting Principles and Cost Accounting Standards issued by The Institute of Cost Accountants of India to the extent these are found to be relevant and applicable. There has been no change in the system of cost accounting during the year under audit except as stated elsewhere.
- The turnover as per accounts duly reconciled with Excise/Service Tax /GST Records as mentioned in Para A-4.
- Reconciliation of indirect taxes in Para D-6 are based on the periodical returns submitted by the company to various authorities and prima facie reviewed by us.
- The Capacity details shown in Para B-1 in respect of the goods manufactured are provided by the management.
- Normal price and basis adopted to determine the normal price as shown in Para D-5 are as provided by the management.
- The cost accounting system of the Company is adequate to control and correctly determine the cost of production, cost of sales, sales realization and margin of the product under reference. System of inventory valuation is fair and proper in accordance with normally accepted accounting principles.
- The company has prepared financial statement as per Indian accounting standards (Ind AS) prescribed under section 133 of companies Act 2013. However, the impact due to accounting in Ind AS reporting (IFRIC4) is shown as reconciliation item for cost records.

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S. R. Bhargave & Co.

Cost Accountants

- Reconciliation statement w.r.to Profit as per Ind AS and IGAPP for the FY 2017-2018

Particulars	As per I GAAP	Impact	(Rs in crore) AS per Ind AS
Revenue from operations	1462.93	(62.00)	1400.93
Other income	72.64	0.14	72.78
Total income (I)	1535.58	(61.87)	1473.71
EXPENSES (II)	1214.79	(24.61)	1190.19
Profit before tax	320.78	(37.26)	283.52

- All facts mentioned in this report were brought to the notice of the management, discussed with them and then incorporated in the report.

Suggestion measures for improvement of performance, cost control and cost reduction

- The management, executives and staff members extended full co-operation in conducting the Cost Audit for which we are thankful to them.

For S. R. Bhargave & Co.

Cost Accountants

SPGandhi

CMA Sachin Prashant Gandhi

Partner F-23379

Firm Registration Number- 000218



Indirect Taxes | Costing | Management Consultancy

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S. R. Bhargave & Co.

Cost Accountants

Form CRA-3

[Rule 6(4) of the Companies (cost records and audit) Rules, 2014]

FORM OF THE COST AUDIT REPORT

We, S. R. Bhargave & Co. having been appointed as Cost Auditor(s) under Section 148 (3) of the Companies Act, 2013 (18 of 2013) of **JSW Hydro Energy Limited** having its registered office at **Karcham-Wangtoo H. E. Project Sholtu Colony, P. O. Tapri, Sholtu - 172104**, Himachal Pradesh (hereinafter referred to as the company), have audited the Cost Records maintained at the Company under Section 148 of the said Act in compliance with cost auditing standards, in respect of the Generation of Electricity for the year ended **31st March 2019** maintained by the company and report, in addition to our observations and suggestions in Para 2.

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of this audit.
- ii. In our opinion, proper cost records, as per Rule 5 of the Companies (Cost Records and Audit) Rules, 2014 have been maintained by the company in respect of products under reference.
- iii. In our opinion, proper returns adequate for the purpose of the Cost Audit have been received from the branches not visited by us.
- iv. In our opinion and to the best of our information, the said books and records give the information required by the Companies Act, 2013, in the manner so required.
- v. In our opinion, the company has adequate system of internal audit of cost records which to our opinion is commensurate to its nature and size of its business.
- vi. In our opinion, information, statements in the annexure to this cost audit report gives a true and fair view of the cost of production of products, cost of sales, margin and other information related to products under reference.
- vii. Detailed unit-wise and product/activity-wise cost statements and schedules there to in respect of the product groups/activities under reference of the company duly audited and certified by us are kept in the company.



Indirect Taxes | Costing | Management Consultancy

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S. R. Bhargave & Co. Cost Accountants

- 2 **Observations and suggestions, if any, of the Cost Auditor, relevant to the cost audit.**
- Annexure to the Cost Audit Report is the responsibility of the Company's Management. Our audit including examining, on test basis, evidence supporting these statements to verify that these statements are free of material mis-statement. Our observations and suggestions are based on the information contained in these statements.
 - Cost Auditing Standards – Ministry of Corporate Affairs Government of India has approved vide letter no 52/33/CAB/2013 dated 10/09/2015 following four cost Auditing Standards u/s 148(3) of The Companies Act, 2013 which have been made applicable by The Institute of Cost Accountants of India with effect from on or after 11/09/2015.
 - 101- Planning an audit of Cost Statements
 - 102- Cost Audit Documentation
 - 103- Overall objectives of the independent cost auditor and the conduct of an audit in accordance with Cost Auditing Standards.
 - 104- knowledge of business its processes and the business

Since the cost auditing process for the company was commenced after 11/09/2015 the above-mentioned standards have been considered. As per the generally accepted auditing principles and standards read with Guidance manual for audit Quality issued by the Quality Review Board of The Institute of Cost Accountants of India the matters relating to Audit Planning (CAS-101) Audit Documentation (CAS-102), Objectives (CAS-103) have been dealt with.

- The cost accounting records of the company are maintained as per Form CRA-1 prescribed in the Rules in accordance with the Generally Accepted Cost Accounting Principles and Cost Accounting Standards issued by The Institute of Cost Accountants of India to the extent these are found to be relevant and applicable. There has been no change in the system of cost accounting during the year under audit except as stated elsewhere.
- The turnover as per accounts duly reconciled GST Records as mentioned in Para A-4.



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S. R. Bhargave & Co. Cost Accountants

- Reconciliation of indirect taxes in Para D-6 are based on the periodical returns submitted by the company to various authorities and prima facie reviewed by us.
- The Capacity details shown in Para B-1 in respect of the power generated are provided by the management.
- Normal price and basis adopted to determine the normal price as shown in Para D-5 are as provided by the management.
- The cost accounting system of the Company is adequate to control and correctly determine the cost of generation, cost of sales, sales realization and margin of the product under reference. System of inventory valuation is fair and proper in accordance with normally accepted accounting principles.
- All facts mentioned in this report were brought to the notice of the management, discussed with them and then incorporated in the report.

Suggestion measures for improvement of performance, cost control and cost reduction

- The management, executives and staff members extended full co-operation in conducting the Cost Audit for which we are thankful to them.

For S. R. Bhargave & Co.
Cost Accountants

S. R. Bhargave
CMA Sachin Prashant Gandhi
Partner F-23379

Firm Registration Number- 000218



Indirect Taxes Costing Management Consultant;

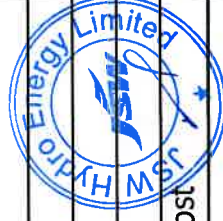
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Name of the Petitioner : JSW Hydro Energy Limited
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

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

Particulars	Title of Tariff Filing Forms (Hydro)	Tick
FORM-1	Summary of Tariff	✓
Enclosure-1 to Form 1	Computation of Saleable Design Energy	✓
FORM-1 (I)	Statement showing claimed capital cost- (A+B)	✓
FORM-1 (II)	Statement showing Return on Equity at Normal Rate	✓
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	✓
FORM-5C	Break Up Of Capital Cost For Plant & Equipment (New Projects)	✓
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-6	Financial Package upto COD	✓
FORM-7	Details of Project Specific Loans	✓
FORM-7A	Details of Project Specific Loans (Loans A)	✓
FORM-7B	Details of Project Specific Loans (Loans B)	✓
FORM-7C	Details of Project Specific Loans (Loan C- Re-financed)	✓
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 - Refinanced)	✓
FORM- 8	Details of allocation of corporate loans to various projects	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY	✓
FORM-9A	Year wise Statement of Additional Capitalisation after COD (FY	✓
FORM-9B	Statement of Additional Capitalisation during 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	✓
FORM-9F	Statement of Capital Woks in Progress	✓
FORM-10	Financing of Additional Capitalisation	✓
FORM-11	Calculation of depreciation on original project cost	✓
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 for Form-13	✓
(Appendix-1 to 7) to Enclosure-1 to Form 13	Calculation for Enclosure-1 to Form-13	✓
Enclosure-2 to Form 13	Calculation for Form-13	✓
(Appendix-1 to 7) to Enclosure-2 to Form 13	Calculation for Enclosure-2 to Form-13	✓
FORM-13A	Calculation of Interest on Normative Loan	✓
FORM-13B	Calculation of Interest on Working Capital	✓
FORM- 13C	Non-Tariff Income	✓
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	Statement of Liability Flow	✓
FORM- 17	Operation and Maintenance expenses (Commercial operation on or after 1.4.2019)	✓
FORM- 18	Details of statutory charges , if applicable	✓
FORM- 19	Summary of issue involved in the petition	✓
Other Information/ Documents		
Sl. No.	Information/Document	Tick
All the other relevant documents are enclosed with True up Traiff forms		



Summary of Tariff

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

(Rs. in lacs)

S.No.	Particulars	Form No.	Existing	2019-20	2020-21	2021-22	2022-23	2023-24
			2018-19	3	4	5	6	7
1.1	Depreciation	12	35,840	35,953	36,251	36,384	36,426	36,443
1.2	Interest on Loan	13A	20,850	18,197	15,228	12,033	8,716	5,364
1.3	Return on Equity	1	52,640	52,850	53,273	53,419	53,494	53,522
1.4	Interest on Working Capital	13B	3,653	2,119	2,222	2,203	2,182	2,155
1.5	O & M & Security Expenses	13B	20,572	11,710	14,715	15,299	15,912	16,554
	Total (Annual Fixed Cost)		1,33,555	1,20,830	1,21,689	1,19,339	1,16,730	1,14,038

Note

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

(Petitioner)





(Petitioner)

S.No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
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 GHP (12%)	489.78	489.78	489.78	489.78	489.78
5	Saleable Design Energy	3591.71	3591.71	3591.71	3591.71	3591.71

(In million units)

Computation of Saleable Design Energy

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

PART - II
 Enclosure - 1 to Form 1

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

(Rs. in lacs)

Statement showing claimed capital cost- (A+B)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Opening Capital Cost	6,90,220.15	6,97,781.65	7,01,724.97	7,02,921.97	7,03,362.97
2	Add: Addition during the year/period	6,182.98	1,392.00	1,197.00	441.00	185.00
3	Less: Decapitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year/period	-	-	-	-	-
5	Add: Discharges during the year/period	1,378.52	2,551.32	-	-	-
6	Closing Capital Cost	6,97,781.65	7,01,724.97	7,02,921.97	7,03,362.97	7,03,547.97
7	Average Capital Cost	6,94,000.90	6,99,753.31	7,02,323.47	7,03,142.47	7,03,455.47

Statement showing claimed capital cost eligible for RoE at normal rate (A)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Opening Capital Cost	6,90,220.15	6,97,781.65	7,01,724.97	7,02,921.97	7,03,362.97
2	Add: Addition during the year/period	4,097.98	-	-	-	-
3	Less: Decapitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year/period	-	-	-	-	-
5	Add: Discharges during the year/period	1,378.52	2,551.32	-	-	-
6	Closing Capital Cost	6,95,696.65	7,00,332.97	7,01,724.97	7,02,921.97	7,03,362.97
7	Average Capital Cost	6,92,958.40	6,99,057.31	7,01,724.97	7,02,921.97	7,03,362.97

Statement showing claimed capital cost eligible for RoE at weighted average rate of interest on actual loan portfolio (B)

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Opening Capital Cost	-	-	-	-	-
2	Add: Addition during the year/period	2,085.00	1,392.00	1,197.00	441.00	185.00
3	Less: Decapitalisation during the year/period	-	-	-	-	-
4	Less: Reversal during the year/period	-	-	-	-	-
5	Add: Discharges during the year/period	-	-	-	-	-
6	Closing Capital Cost	2,085.00	1,392.00	1,197.00	441.00	185.00
7	Average Capital Cost	1,042.50	696.00	598.50	220.50	92.50

(Petitioner)



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

Statement showing Return on Equity at Normal Rate

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Gross Opening Equity (Normal)	2,07,066.05	2,09,334.50	2,10,517.49	2,10,876.59	2,11,008.89
2	Less: Adjustment in equity	-	-	-	-	-
3	Adjustment during the year	-	-	-	-	-
4	Net Opening Equity (Normal)	2,07,066.05	2,09,334.50	2,10,517.49	2,10,876.59	2,11,008.89
5	Add: Increase in equity due to addition during the year/period	-	-	-	-	-
6	Less: Decrease due to de-capitalisation during the year/period	-	-	-	-	-
7	Less: Decrease due to reversal during the year/period	-	-	-	-	-
8	Add: Increase due to discharges during the year/period	2,268.45	1,183.00	-	-	-
9	Net Closing Equity (Normal)	2,09,334.50	2,10,517.49	2,10,517.49	2,10,876.59	2,11,008.89
10	Average Equity (Normal)	2,08,200.27	2,09,925.99	2,10,517.49	2,10,876.59	2,11,008.89
11	Rate of ROE	25.363%	25.363%	25.363%	25.363%	25.363%
12	Return on Equity	52,805.83	53,243.53	53,393.55	53,484.63	53,518.19
13	Total ROE	52,805.83	53,243.53	53,393.55	53,484.63	53,518.19

(Rs. in lacs)

Statement showing Return on Equity at Weighted Average Rate of Interest on Actual Loan Portfolio

S. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Gross Opening Equity	-	-	-	-	-
2	Less: Adjustment in equity	-	-	-	-	-
3	Adjustment during the year	-	-	-	-	-
4	Net Opening Equity	-	-	-	-	-
5	Add: Increase in equity due to addition during the year/period	625.50	417.60	359.10	132.30	55.50
6	Less: Decrease due to de-capitalisation during the year/period	-	-	-	-	-
7	Less: Decrease due to reversal during the year/period	-	-	-	-	-
8	Add: Increase due to discharges during the year/period	-	-	-	-	-
9	Net Closing Equity [pertaining to Proviso to Regulation 30(2)]	625.50	417.60	359.10	132.30	55.50
10	Average Equity [pertaining to Proviso to Regulation 30(2)]	312.75	208.80	179.55	66.15	27.75
11	Rate of ROE (weighted average rate of interest on actual loan portfolio)	14.228%	14.228%	14.228%	14.228%	14.228%
12	Total ROE	44.50	29.71	25.55	9.41	3.95

Note: 1. Adjustment of equity as per Proviso to Regulation 18(3) of 2019 Tariff Regulations.
2. With respect to Equity infusion, the Generating Company is required to substantiate with supporting documents such as board resolutions, balance sheet/ reconciliation statement with balance sheet.

(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	Unit	Year Ending March							
			Existing 2018-19 4	2019-20 5	2020-21 6	2021-22 7	2022-23 8	2023-24 9		
1	2	3								
1	Installed Capacity	MW	1000	1000	1000	1000	1000	1000	1000	1000
2	Free Power to home state	%	12%	12%	12%	12%	12%	12%	12%	12%
3	Free Power under Local Area Development Fund (LADF)	%	0%	0%	0%	0%	0%	0%	0%	0%
4	Date of commercial operation									
	Unit - 1 (Actual)	26.05.2011								
	Unit - 2 (Actual)	23.06.2011								
	Unit - 3 (Actual)	08.09.2011								
	Unit - 4 (Actual)	13.09.2011								
5	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								
6	Type of excitation									
	a) Rotating exciters on generator									
	b) Static excitation	Static								
7	Design Energy (Annual) ¹	Gwh	4131.06	4131.06	4131.06	4131.06	4131.06	4131.06	4131.06	4131.06
8	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%	1.20%
9	Normative Plant Availability Factor (NAPAF)	%	90%	90%	90%	90%	90%	90%	90%	90%
9.1	Maintenance Spares for WC	% of (O&M+ Security)	15%	15%	15%	15%	15%	15%	15%	15%
9.2	Receivable for WC	in Months	2	-	-	-	-	-	-	-
		in days		45	45	45	45	45	45	45
9.3	Base Rate of Return on Equity	%	16.50%	16.50%	16.50%	16.50%	16.50%	16.50%	16.50%	16.50%
9.4	Base Rate of Return on Equity on Add. Capitalization	%		9.26%	9.26%	9.26%	9.26%	9.26%	9.26%	9.26%
9.5	Tax Rate ²	%	34.944%	34.944%	34.944%	34.944%	34.944%	34.944%	34.944%	34.944%
9.6	Effective Tax Rate ⁴	%	34.944%	34.944%	34.944%	34.944%	34.944%	34.944%	34.944%	34.944%
9.7	Bank rate (SBI MCLR) as on 01.04.2019 ³	%		8.55%	8.55%	8.55%	8.55%	8.55%	8.55%	8.55%
	SBI Base Rate + 350 basis points	%		12.05%	12.05%	12.05%	12.05%	12.05%	12.05%	12.05%

Note:

1. Refer Enclosure - 1 to Form 2 for Design Energy including for month wise 10-day Design Energy.
2. Normal tax Rate (30% +12% surcharge + 4% Ed. Cess) has been considered for grossing up the ROE.
3. Mention relevant date
4. Effective tax rate is to be computed in accordance with Regulation 31 i.e. actual tax (or advance tax)/gross income, where gross income refers the profit before tax.



(Petitioner)

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

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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	
TOTAL ENERGY								4131.06

The 90% dependable year 1997-98 is as approved by CEA, Company 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.

(Petitioner)



Salient Features of Hydroelectric Project

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

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1	Location State / Distt. River	Himachal Pradesh, Kinnaur Distt. Satluj
2	Diversion Tunnel 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	Dam Type Maximum dam height (M)	Concrete Gravity 88 m
4	Spillway Type Crest level of Spillway (M)	Sluice Spillway with 4 bays each, 10 m (W) x 10.5 m (H) 1778.00 m
5	Reservoir 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	Desilting Chamber 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	Head Race Tunnel Size and type Length (M) Design Discharge (cumecs)	10.48 m dia circular 16925 m 421 (for 1000 MW IC)
8	Surge Shaft Type Diameter (M) Height (M)	Restricted orifice 27 m / 16 m 148.5 m
9	Penstock / Pressure Shafts 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	Power House 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	Tail Race Tunnel / Channel 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	Switchyard Type of Switch Gear No. of Generator bays No. of Bus coupler bays No. of line bays Efficiency (overall) Turbine & generator	Indoor G.I.S. 4 bays 1 bays 6 bays 95.09%

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



(Petitioner)

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

Name of the Petitioner : JSW Hydro Energy Limited
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant
Exchange Rate at COD:
Exchange Rate as on 31.03.2019:

S.No.	Financial Year (Starting from COD)		Year 1				Year 2				Year 3 and so on																															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14																												
	A.1 At the date of Drawl ²	Scheduled repayment date of principal	3 Scheduled repayment date of interest	4 At the end of Financial year	B	In case of Hedging ³	1 At the date of hedging	2 Period of hedging	3 Cost of hedging	Currency ¹	A.1 At the date of Drawl ²	Scheduled repayment date of principal	2 Scheduled repayment date of interest	3 Scheduled repayment date of interest	4 At the end of Financial year	B	In case of Hedging ³	1 At the date of hedging	2 Period of hedging	3 Cost of hedging	Currency ²	A.1 At the date of Drawl ²	Scheduled repayment date of principal	2 Scheduled repayment date of interest	3 Scheduled repayment date of interest	4 At the end of Financial year	B	In case of Hedging ³	1 At the date of hedging	2 Period of hedging	3 Cost of hedging	Currency ³ & so on	A.1 At the date of Drawl ²	Scheduled repayment date of principal	2 Scheduled repayment date of interest	3 Scheduled repayment date of interest	4 At the end of Financial year	B	In case of Hedging ³	1 At the date of hedging	2 Period of hedging	3 Cost of hedging

NOT APPLICABLE

¹Name of the currency to be mentioned e.g. US \$, DM, etc. etc.

²In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.

³Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given.

⁴Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.



(Petitioner)

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

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 :

S.No.	Financial Year	Year 1			Year 2			Year 3 and so on					
		Date	Amount (Foreign Currency)	Exchange Rate (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs.)			
1	2	3	4	5	6	7	8	9	10	11	12	13	14

(Rs. in lacs)

S.No.	Financial Year	Year 1			Year 2			Year 3 and so on		
		Date	Amount (Foreign Currency)	Exchange Rate (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate (Rs.)
NOT APPLICABLE										

Currency ¹		A.1 At the date of infusion ²		Currency ²		A.1 At the date of infusion ²		Currency ³		A.1 At the date of infusion ²		Currency ⁴ & so on		A.1 At the date of infusion ²	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

¹Name of the currency to be mentioned e.g. US \$, DM, etc. etc.

²In case of equity infusion more than once during the year, Exchange rate at the date of each infusion to be given.



(Petitioner)

Abstract of Admitted Capital Cost for the existing ProjectsName of the Petitioner : JSW Hydro Energy Limited
Name of the Generating Station : Karcham Wangtoo Hydro-Electric Plant

Capital cost as admitted by CERC					
a. Capital cost admitted for tariff, as on:					
	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 30.3.17 in petition no. 434/GT/2014 (Para 110)					
b. Foreign Component, if any (In Million US \$ or the relevant Currency)	-	-	-	-	-
c. Foreign Exchange rate considered for the admitted Capital cost	-	-	-	-	-
d. Total Foreign Component	-	-	-	-	-
e. Domestic Component	6,44,741.33	6,49,074.07	6,51,658.91	6,51,658.91	6,51,658.91
f. Hedging Cost, if any, considered for the admitted capital cost	-	-	-	-	-
Total Capital cost admitted (d+e+f)	6,44,741.33	6,49,074.07	6,51,658.91	6,51,658.91	6,51,658.91

Rs. Lakh

(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

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New Projects
Capital Cost Estimates

Board of Director/ Agency approving the project cost estimates:		
Date of approval of the Capital cost estimates:		
Price level of approved estimates		
Foreign Exchange rate considered for the capital cost estimates		
Capital Cost excluding IDC, IEDC & FC		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Lakh)		
Capital Cost excluding IDC, FC, FERV & Hedging Cost (Rs. Lakh)		
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Lakh)		
Total IDC, IEDC, FC, FERV & Hedging Cost (Rs. Lakh)		
NOT APPLICABLE, PROJECT COMMISSIONED ON 13.09.2011		
Rate of taxes & duties considered		
Capital cost Including IDC, IEDC FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Lakh)		
Capital cost Including IDC, IEDC & FC (Rs. Lakh)		
Schedule of Commissioning as per investment approval		
Scheduled COD of Unit-I		
Scheduled COD of Unit-II		
Scheduled COD of Unit-III		
Scheduled COD of Unit-IV		

Note:

1. Copy of approval letter should be enclosed
2. Details of Capital Cost are to be furnished as per FORM-5B or 5C as applicable



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

(Rs. in Lakh)

S.No.	Break down	Original Cost as approved by Authority / Investment approval	Actual Capital Expenditure as on actual/ anticipated COD	Liabilities / Provisions	Variation	Reasons for variation
1	2	3	4	5	6=3-4-5	7
1.0	Infrastructure Works					
1.1	Preliminary including Development					
1.2	Land *					
1.3	R & R expenditure					
1.4	Buildings					
1.5	Township					
1.6	Maintenance					
1.7	Tools & Plants					
1.8	Communication					
1.9	Environment & Ecology					
1.10	Losses on stock					
1.11	Receipt & Recoveries					
1.12	Total (Infrastructure works)					
2.0	Major Civil Works					
2.1	Dam, Intake & Desilting Chambers					
2.2	HRT, TRT, Surge Shaft & Pressure shafts					
2.3	Power Plant civil works					
2.4	Other civil works (to be specified)					
2.5	Total (Major Civil Works)					
3.0	Hydro Mechanical equipment					
4.0	Plant & Equipment (E&M)					
4.1	Initial spares of Plant & Equipment					
4.2	Total (Plant & Equipment)					
5.0	Taxes and Duties					
5.1	Custom Duty					
5.2	Other Tax & duties					
5.3	Total Taxes & Duties					
6.0	Construction & Pre-commissioning expenses					
6.1	Erection, testing & commissioning					
6.2	Construction Insurance					
6.3	Site supervision					
6.4	Total (Const. & Pre-commissioning)					
7.0	Overheads					
7.1	Establishment					
7.2	Design & Engineering					
7.3	Audit & Accounts					
7.4	Contingency					
7.5	Rehabilitation & Resettlement					
7.6	Total (Overheads)					
8.0	Capital Cost without IDC & FC, FERV & Hedging Cost					
9.0	IDC, FC, FERV & Hedging Cost					
9.1	Interest During Construction (IDC)					
9.2	Financing charges (FC)					
9.3	Foreign Exchange Rate Variation (FERV)					
9.4	Hedging Cost					
9.5	Notional IDC					
9.6	Total of IDC, FC, FERV & Hedging Cost					
10.0	Revenue from infirm power					
11.0	Capital Cost including IDC, FC, FERV & Hedging Cost					

**NOT APPLICABLE,
PROJECT COMMISSIONED ON 13.09.2011**

*Provide details of Freehold Land, Leasehold Land and Land under reservoir separately

Notes:



Break Up Of Capital Cost For Plant & Equipment (New Projects)

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(Rs. in Lakh)

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

Sl. No.	Break Down	Original Cost as approved by Authority / Investment approval	Cost on actual / anticipated COD	Variation	Reasons for Variation
1	2	3	4	5	6
1.0	Generator, Turbine & Accessories				
1.1	Generator package				
1.2	Turbine package				
1.3	Unit Control Board				
1.4	C&I package				
1.5	Bus duct of GT connection				
1.6	TOTAL (Generator, Turbine & Accessories)				
2.0	Auxiliary Electrical Equipment				
2.1	Step up Transformers				
2.2	Unit Aux. Transformers				
2.3	Local Supply Transformers				
2.4	Station Transformers				
2.5	SCADA				
2.6	Switchgear, Batteries, DC Dist. Board				
2.7	Telecommunication Equipment				
2.8	Illumination of Dam, PH & Switchyard				
2.9	Cable & cable facilities, grounding				
2.10	Diesel generating sets				
2.11	TOTAL (Aux. Electrical Equipment)				
3.0	Auxiliary Equipment & Services for PH				
3.1	EOT Crane				
3.2	Other Cranes				
3.3	Electric Lifts & elevators				
3.4	Cooling water system				
3.5	Drainage & dewatering system				
3.6	Firefighting equipment				
3.7	Airconditioning, ventilation & fitting				
3.8	Water supply system				
3.9	Oil handling equip.				
3.10	Workshop machines & equip.				
3.11	TOTAL (Aux. Equip. & Services for PS)				
4.0	Switchyard Package				
5.0	Initial Spares for all above Equipment				
6.0	TOTAL Cost (Plant & Equipment) excluding IDC, FC, FERV & Hedging cost.				
7.0	IDC, FC & FERV & Hedging cost				
7.1	Interest during Construction (IDC)				
7.2	Financing Charges (FC)				
7.3	Foreign Exchange Rate Variation (FERV)				
7.4	Hedging cost				
7.5	TOTAL of IDC, FC & FERV & Hedging cost				
8.0	TOTAL Cost (Plant & Equipment) including IDC, FC, FERV & Hedging Cost				

NOT APPLICABLE,
PROJECT COMMISSIONED ON 13.09.2011

Note: In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost overrun was beyond the control of the generating company.



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

(Rs. in Lakh)

Sr. No.	Name / No. of Construction / Supply / Service Package	Package A	Package B	Total Cost of all packages
1	Scope of Works ¹ (in line with head of cost break-ups as applicable)			
2	Whether awarded through ICB / DCB/ Departmentally / Deposit work	NOT APPLICABLE, PROJECT COMMISSIONED ON 13.09.2011		
3	No. of bids received			
4	Date of award			
5	Date of start of work			
6	Date of Completion of work/ expected date of completion of work			
7	Value of Award (Rs. Lakh) ²			
8	Firm or with Escalation in prices			
9	Actual expenditure till the completion or upto COD whichever is earlier (Rs. Lakh)			
10	Taxes & Duties and IEDC (Rs. Lakh)			
11	IDC, FC, FERV & Hedging cost (Rs. Lakh)			
12	Sub-Total (10+11+12) (Rs. Lakh)			

Note:

- The scope of work in any package should be indicated in conformity of Capital cost break-up for the new Hydro Power Generating Station in the FORM-5B to the extent possible. For Plant & Equipment (New Projects) break down in the similar manner in the relevant heads as per FORM-5C.
- If there is any package, which need to be shown in Indian Rupee and foreign currency(ies), the same should be shown separately along with the currency, the exchange rate and the date

(Petitioner)



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In case there is cost over runName 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
1	2	3	4	5	6	7
1	Cost of Land & Site Development					
1.1	Land*					
1.2	Rehabilitation & Resettlement (R&R)					
1.3	Preliminary Investigation & Site Development					
2	Plant & Equipment					
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					
	Total BOP Mechanical					
2.4	BOP Electrical					
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.G. set					
	Total BOP Electrical					
2.5	Control & Instrumentation (C & I) Package					
	Total Plant & Equipment excluding taxes & Duties					

Not Applicable



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
		Total Cost	Total Cost	Total Cost		
3	Initial Spares					
4	Civil Works					
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	Temp. construction & enabling works					
4.15	Road & Drainage					
	Total Civil works					
5	Construction & PreCommissioning Expenses					
5.1	Erection Testing and commissioning					
5.2	Site supervision					
5.3	Operator's Training					
5.4	Construction Insurance					
5.5	Tools & Plant					
5.6	Start up fuel					
	Total Construction & PreCommissioning Expenses					
6	Overheads					
6.1	Establishment					
6.2	Design & Engineering					
6.3	Audit & Accounts					
6.4	Contingency					
	Total Overheads					
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					
9	Capital cost including IDC, FC, FERV & Hedging Cost					

Not Applicable

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*Submit details of Freehold and Lease hold land

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)		Time OverRun	Reasons for delay	No of activity affected (Mention Sr affected)
		Start Date	Completion Date	Actual Start Date	Actual Completion Date			
1								
2								
3								
4								
5								
6								
7								
8								
9								
Not Applicable								

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)



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. in lakh 6,81,666.00
Date of Commercial Operation of the Station
13.09.2011

(Rs. in lacs)

As Admitted on COD	Financial Package as on COD			Financial Package as Approved		
	Currency and Amount	5	4	3	2	1
				Rs.	4,13,671.00	
Allahabad Bank		Rs.	40,000.00			
Indian Bank		Rs.	40,000.00			
Punjab National Bank		Rs.	65,715.13			
Union Bank of India		Rs.	12,010.00			
Bank of India		Rs.	22,210.00			
Central Bank of India		Rs.	29,827.49			
IDBI Bank		Rs.	16,649.00			
ICICI Bank		Rs.	69,999.57			
J & K Bank		Rs.	11,086.00			
SIDBI		Rs.	15,000.00			
Rural Electrification Corporation		Rs.	63,372.00			
IDFC Bank		Rs.	57,500.00			
Total Loan	Rs.	4,43,369.19	Rs.	4,13,671.00		
Equity-						
Foreign		-				
Domestic	Rs.	-	Rs.	1,77,288.00	Rs.	1,77,288.00
Total Equity	Rs.	-	Rs.	1,77,288.00	Rs.	1,87,959.68
Debt: Equity Ratio		69:31		70:30		70:30

(Petitioner)



1531

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	1	2	3	4	5	6	7	8	9	10	11	12
Package1	Package2	Package3	Package4	Package5	Package6	Package7	Package8	Package9	Package10	Package11	Package12	Package13
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	IDBI 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%	12.00%	
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												
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		
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 - 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 and new 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)



153391

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

(Rs. in lacs)

Particulars	1	2	3	4	5	6	7	8	9	10
Package1	Package2	Package3	Package4	Package5	Package6	Package7	Package8	Package9		
Source of Loan	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	-	-	-	-	-	-	-	-	-	-
Maturity 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
Maturity 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 Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment	5 Monthly Installment
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-Oct 2015. The above mentioned loans were fully repaid on 31.10.2015 and new loans were disbursed, the details of which are being submitted in separate Form 7C.

2333

(Petitioner)



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	IFCI	
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%	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-Oct2015. The above mentioned loans were fully repaid on 31.10.2015 and new loans were disbursed, the details of which are being submitted in separate Form 7C.

(Petitioner)



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

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

Particulars	Package1	Package2	Package3	Package4	Package5	Package6	Package7	Package8	Package9
Source of Loan	State Bank of India	Syndicate Bank	Central Bank of India	Allahabad Bank	Vijaya bank	L & T Infra	Punjab National Bank	Axis Bank	State Bank of India (Formerly State Bank of Hyderabad)
Currency	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee	Indian Rupee
Amount of Loan sanctioned	3,49,700.00	59,700.00	59,700.00	39,800.00	39,800.00	39,800.00	31,700.00	23,900.00	15,900.00
Amount of Gross Loan drawn as on 31.03.2019	3,49,700.00	59,700.00	59,700.00	39,800.00	39,799.97	39,800.00	31,700.00	23,842.00	15,900.00
Interest Type*	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating	Floating
Fixed Interest Rate, if applicable (as on 31.03.2019)	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Base Rate, if Floating Interest (SBI 1 year MCLR as on 31.3.2019)	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%	8.15%
Margin, if Floating Interest	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%	0.85%
Are there any Caps/Floor	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
Moratorium effective from	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
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
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 - 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 annual reset as per prevailing MCLR.

Petitioner has refinanced its existing loan during Sep-Oct'2015. The above mentioned loans are the refinanced loans against the old existing loans. Base rate: Aforesaid T/L interest rates are as per SBI repricing letter dt. 23.5.18. Said rates are revised during 2019-20 on 23.5.2019 to 8.45% + 0.85% = 9.30%

(Rs. in lacs)



ENCLOSURE - I TO FORM - 7

Scheduled Repayment Installment	% of the Facility Disbursed
June 1 st , 2012	1.333
July 1 st , 2012	1.333
August 1 st , 2012	1.333
September 1 st , 2012	1.333
October 1 st , 2012	1.333
June 1 st , 2013	1.333
July 1 st , 2013	1.333
August 1 st , 2013	1.333
September 1 st , 2013	1.333
October 1 st , 2013	1.333
June 1 st , 2014	1.333
July 1 st , 2014	1.333
August 1 st , 2014	1.333
September 1 st , 2014	1.333
October 1 st , 2014	1.333
June 1 st , 2015	1.333
July 1 st , 2015	1.333
August 1 st , 2015	1.333
September 1 st , 2015	1.333
October 1 st , 2015	1.333
June 1 st , 2016	1.333
July 1 st , 2016	1.333
August 1 st , 2016	1.333
September 1 st , 2016	1.333
October 1 st , 2016	1.333
June 1 st , 2017	1.333
July 1 st , 2017	1.333
August 1 st , 2017	1.333
September 1 st , 2017	1.333
October 1 st , 2017	1.333
June 1 st , 2018	1.333
July 1 st , 2018	1.333
August 1 st , 2018	1.333
September 1 st , 2018	1.333
October 1 st , 2018	1.333
June 1 st , 2019	1.333
July 1 st , 2019	1.333
August 1 st , 2019	1.333
September 1 st , 2019	1.333
October 1 st , 2019	1.333
June 1 st , 2020	1.333
July 1 st , 2020	1.333
August 1 st , 2020	1.333

Handwritten notes and signatures: "20", "21", "22", "23", "24", "25", "26", "27", "28", "29", "30", "31", "32", "33", "34", "35", "36", "37", "38", "39", "40", "41", "42", "43", "44", "45", "46", "47", "48", "49", "50", "51", "52", "53", "54", "55", "56", "57", "58", "59", "60", "61", "62", "63", "64", "65", "66", "67", "68", "69", "70", "71", "72", "73", "74", "75", "76", "77", "78", "79", "80", "81", "82", "83", "84", "85", "86", "87", "88", "89", "90", "91", "92", "93", "94", "95", "96", "97", "98", "99", "100".



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

100.00

0.9

100.00



A
100.00
100.00

100.00



10/1/19

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%



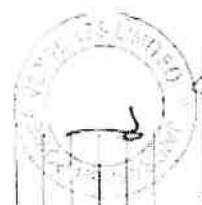
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<p>ROBORNER</p> <p><i>[Signature]</i></p> <p>MEOA as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>Lenders' Agent</p>	<p><i>[Signature]</i></p> <p>Security Trustee</p>	<p><i>[Signature]</i></p> <p>IFCI as Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>AB as Facility-A Lender</p>	<p><i>[Signature]</i></p> <p>ICI as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>ICI as Facility-A Lender and Facility-B Lender</p>
<p><i>[Signature]</i></p> <p>MEOA as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>L & T as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>UIC as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>PFC as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>MFC as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>ICI as Facility-A Lender and Facility-B Lender</p>	<p><i>[Signature]</i></p> <p>ICI as Facility-A Lender and Facility-B Lender</p>



0080

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	0.96%	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%



BORTOWER Lenders Agent	Security Trustee	IFCI as Facility-B Lender	AB as Facility-A Lender	ICICI as Facility-A Lender and Facility-B Lender	PFC as Facility-A Lender and Facility-B Lender	PFC as Facility-A Lender and Facility-B Lender	PFC 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	2.09%	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 15th October 2032 (18.75 years)
Door to door Tenor for Facility- B Loans: Till 15th July 2020 (6.50 years)

[Large handwritten signature or scribble]



Borrower	Lenders' Agent	Security trustee	108		IFCI as Facility B Lender	AB as Facility-A Lender	CICI as Facility-A Lender and Facility-B Lender	IFCI as Facility A Lender and Facility-B Lender
			L & T as Facility-A Lender and Facility-B Lender	L & T as Facility-A Lender and Facility-B Lender				



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%
	Total						100%



Details of allocation of corporate loans to various projects

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

Particulars	Package1	Package2	Package3	Package4	Package5	Package6
	2	3	4	5	6	7
1						
Source of Loan						
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.3.2019 /COD						
Interest Type ⁶						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest ⁷						
Margin, if Floating Interest ⁸						
Are there any Caps/Floor ⁹						
If above is yes, specify caps/floor						
Moratorium Period ¹⁰						
Moratorium effective from						
Repayment Period ¹¹						
Repayment effective from						
Repayment Frequency ¹²						
Repayment Instalment ^{13,14,15}						
Base Exchange Rate ¹⁶						
Are foreign currency loan hedged?						
If above is yes, specify details ¹⁷						
<i>NOT APPLICABLE</i>						
Distribution of loan packages to various projects						
Name of the Projects	<i>NOT APPLICABLE</i>					
Project 1						
Project 2						
Project 3 and so on						

(Petitioner)



Year wise Statement of Additional Capitalisation after COD (FY 2019-20)

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 : 2019-20

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any
		1	2	3	4			
1	Project Work - Land	1,089.41	889.41	200.00		14	7	8
2	Project Work - Environment & Ecology	1,732.52	1,521.00	211.52				
3	Project Work - LADA	1,107.92	140.92	967.00				
Sub Total (A)		3,929.84	2,551.32	1,378.52				
4	Project Work - Service Tax	4,097.98	-	4,097.98				
Sub Total (B)		4,097.98	-	4,097.98				
5	Additional capital expenditure for increase in plant efficiency					Beyond original scope and after cut off date, required for increase in efficiency of plant	8	
!	XLPE Cable temperature monitoring system	80.00		80.00				
!!	Beam Detector	8.00		8.00				
!!!	Guide Vanes	280.00		280.00				
iv	Various machinery, equipment & vehicles	17.00		17.00				
v	Kilba Township (Permanent residential staff Qtrs)	1,500.00		1,500.00				
vi	Shoitsu Township (Permanent residential staff Qtrs)	200.00		200.00				
Sub Total		2,085.00	-	2,085.00				

* Undischarged liabilities of previous tariff period brought forward



(Petitioner)

Year wise Statement of Additional Capitalisation after COD (FY 2020-21)

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 : 2020-21

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	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	889.41	-	889.41				
2	Project Work - Environment & Ecology	1,521.00	-	1,521.00		14	Within Original Scope of Work *	
3	Project Work - LADA	140.92	-	140.92				
	Sub Total	2,551.32	-	2,551.32				
4	Additional capital expenditure for increase in plant efficiency							
i	Vibration monitoring system (For all 4 units)	25.00		25.00			beyond original	
ii	Partial Discharge measurement system	25.00		25.00			scope and after cut	
iii	Guide Vanes	300.00		300.00			off date, required for	
iv	Various machinery, equipment & vehicles	242.00		242.00			increase in efficiency	
v	Sholtu Township (Permanent residential staff Qtrs)	800.00		800.00			of plant	
	Sub Total	1,392.00	-	1,392.00				

* Undischarged liabilities of previous tariff period brought forward



(Petitioner)

Year wise Statement of Additional Capitalisation after COD (FY 2021-22)

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 : 2021-22

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Additional capital expenditure for increase in plant efficiency	1	2	3	4	5 = 4 - 3	6	7	8	9
		Accrual basis	Un-discharged Liability included in col. 3	Cash basis	IDC included in col. 3										
i	Vibration monitoring system (For all 4 units)			25.00						25.00					
ii	Human Machine Interface (HMI) upgradation for excitation system for three units			10.00						10.00					
iii	HVOC Coating Plant			500.00						500.00					
iv	Various machinery, equipment & vehicles			62.00						62.00					
v	Sholtu Township (Permanent residential staff Otrs)			600.00						600.00					
	Total			1,197.00						1,197.00					

(Petitioner)



Year wise Statement of Additional Capitalisation after COD (FY 2022-23)

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 : 2022-23

Sl. No.	Head of Work / Equipment	3	4	5 = 4 - 3	6	7	8	9	1	
									ACE Claimed (Actual / Projected)	Additional capital expenditure for increase in plant efficiency
		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		
!	Vibration monitoring system (For all 4 units)	25.00			25.00					
!!	Human Machine Interface (HMI) upgradation for excitation system for	10.00			10.00					
!!!	Guide Vanes	350.00			350.00					
iv	Various machinery, equipment & Vehicles	56.00			56.00					
	Total	441.00	-	441.00						

(Petitioner)



Year wise Statement of Additional Capitalisation after COD (FY 2023-24)

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 : 2023-24

Sl. No.	Head of Work / Equipment	ACE Claimed (Actual / Projected)				Regulations under which claimed	Justification	Admitted Cost by the Commission, if any		
		1	2	3	4					
1		1	2	3	4	5 = 4 - 3	6	7	8	9
1	Additional capital expenditure for increase in plant efficiency									
i	Vibration monitoring system (For all 4 units)	25.00				25.00				
ii	Human Machine Interface (HMI) upgradation for excitation system for	10.00				10.00				
iii	Various machinery, equipment & vehicles	50.00				50.00				
iv	Turbine Guide Bearing pad	100.00				100.00				
	Total	185.00				185.00				



(Petitioner)

Statement of Additional Capitalisation during end of the Project

Name of the Petitioner : JSW Hydro Energy Limited

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

COD : 13.09.2011 (Project)

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

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)





(Petitioner)

Note: Year wise detail need to be submitted.

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
NOT APPLICABLE					

Details of Assets De-capitalized during the period

**PART-II
FORM-9B!**

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

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 (Project)

Rs. In Lakh

Sr. No.	Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
1	Closing Gross Block a per IND AS	7,00,332.97	7,01,724.97	7,02,921.97	7,03,362.97	7,03,547.97
2	Add/Less: Adjustments	-	-	-	-	-
3	Closing Gross Block a per IGAP	7,00,332.97	7,01,724.97	7,02,921.97	7,03,362.97	7,03,547.97
4	Opening Gross Block as per IND AS	6,94,149.99	7,00,332.97	7,01,724.97	7,02,921.97	7,03,362.97
5	Add/Less: Adjustments	-	-	-	-	-
6	Opening Gross Block a per IGAP	6,94,149.99	7,00,332.97	7,01,724.97	7,02,921.97	7,03,362.97
7	Total Additions as per books (7=3-6)	6,182.98	1,392.00	1,197.00	441.00	185.00
8	Less: Additions pertaining to other Stages (give Stage wise breakup)	-	-	-	-	-
9	Net Additions pertaining to instant project/Unit/Stage	6,182.98	1,392.00	1,197.00	441.00	185.00
10	Less: Exclusions (Items not allowable / not claimed)	-	-	-	-	-
11	Net Additional Capital Expenditure Claimed (on accrual basis)	6,182.98	1,392.00	1,197.00	441.00	185.00
12	Less: Undischarged liabilities	-	-	-	-	-
13	Add: Discharges of un-discharged liabilities, corresponding to admitted assets/works	-	-	-	-	-
14	Net Additional Capital Expenditure Claimed (on cash basis)	6,182.98	1,392.00	1,197.00	441.00	185.00

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

(Petitioner)



Statement showing items/works/assets/works claimed under Exclusions:

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

Sr. No.	Head of Work / Equipment	1	2	3	4	5=(3-4)	6	7
ACE Claimed under Exclusion								
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)

Statement of Capital cost

S.No.	PARTICULARS	2019-20				2020-21				2021-22				2022-23				2023-24	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
		Accrual basis	Un discharged liabilities	Cash Basis	Accrual basis	Un discharged liabilities	Cash Basis	Accrual basis	Un discharged liabilities	Cash Basis	Accrual basis	Un discharged liabilities	Cash Basis	Accrual basis	Un discharged liabilities	Cash Basis			
A	a)	Opening Gross Block Amount *	6,94,149.99	6,90,220.15	7,00,332.97	2,551.32	6,97,781.65	7,01,724.97	7,01,724.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	
	b)	Amount of IDC in A(a) above	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	
	c)	Amount of FC in A(a) above	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	
	d)	Amount of FERV in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	e)	Amount of Hedging cost in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	f)	Amount of IEDC in A(a) above	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	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)	6,182.98	1,378.52	7,561.50	1,392.00	3,943.32	1,197.00	1,197.00	441.00	1,197.00	441.00	441.00	441.00	441.00	185.00	185.00	185.00	
	b)	Amount of IDC in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	c)	Amount of FC in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	d)	Amount of FERV in B(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	e)	Amount of Hedging cost in B(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	f)	Amount of IEDC in B(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
C	a)	Addition in Gross Block Amount during the period (Transferred from CWP)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	b)	Amount of IDC in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	c)	Amount of FC in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	d)	Amount of FERV in C(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	e)	Amount of Hedging cost in C(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	f)	Amount of IEDC in C(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
D	a)	Deletion in Gross Block Amount during the period	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	b)	Amount of IDC in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	c)	Amount of FC in A(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	d)	Amount of FERV in D(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	e)	Amount of Hedging cost in D(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	f)	Amount of IEDC in D(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
E	a)	Closing Gross Block Amount as per books	7,00,332.97	2,551.32	6,97,781.65	7,01,724.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	7,02,921.97	
	b)	Amount of IDC in A(a) above	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	98,418.93	
	c)	Amount of FC in A(a) above	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	5,078.14	
	d)	Amount of FERV in E(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	e)	Amount of Hedging cost in E(a) above	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	f)	Amount of IEDC in E(a) above	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	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	37,455.17	

* In tariff form pertaining to True up of FY 2014-19, gross block presented was including loans & advances and current assets. In current tariff forms same is excluded and only gross block is considered.



(Petitioner)

Statement of Capital Works in Progress

(Rs. in lacs)

S.No.	PARTICULARS	2019-20		2020-21		2021-22		2022-23		2023-24	
		Accrual basis	Un discharged liabilities	Cash Basis	Accrual basis	Un discharged liabilities	Cash Basis	Accrual basis	Un discharged liabilities	Cash Basis	Un discharged liabilities
	A) Opening CWIP as per books										
	b) Amount of IDC in A(a) above										
	c) Amount of FC in A(a) above										
	d) Amount of FERV in A(a) above										
	e) Amount of Hedging Cost in A(a) above										
	f) Amount of IEDC in A(a) above										
	B) Addition in CWIP during the period										
	b) Amount of IDC in A(a) above										
	c) Amount of FC in A(a) above										
	d) Amount of FERV in A(a) above										
	e) Amount of Hedging Cost in A(a) above										
	f) Amount of IEDC in A(a) above										
	a) Transferred to Gross Block Amount during the period										
	C)										
	b) Amount of IDC in A(a) above										
	c) Amount of FC in A(a) above										
	d) Amount of FERV in A(a) above										
	e) Amount of Hedging Cost in A(a) above										
	f) Amount of IEDC in A(a) above										
	D) Deletion in CWIP during the period										
	b) Amount of IDC in A(a) above										
	c) Amount of FC in A(a) above										
	d) Amount of FERV in A(a) above										
	e) Amount of Hedging Cost in A(a) above										
	f) Amount of IEDC in A(a) above										
	E) Closing CWIP as per books										
	b) Amount of IDC in A(a) above										
	c) Amount of FC in A(a) above										
	d) Amount of FERV in A(a) above										
	e) Amount of Hedging Cost in A(a) above										
	f) Amount of IEDC in A(a) above										

NOT APPLICABLE



(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
Amount capitalised in Work/Equipment									
Financing Details									
Loan-1									
Loan-2									
Loan-3 and so on									
Total Loan ²									
Equity									
Internal Resources									
Others									
Total									

No separate financing for additional capitalisation



(Petitioner)

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

(Amount in Rs. Lakh)

S.No.	Name of the Assets	Depreciation Rates as per CERC's Rate Schedule	Depreciation Gross Block as on 31.3.2019	Depreciation Gross Block as on 31.3.2020	Depreciation Gross Block as on 31.3.2021	Depreciation Gross Block as on 31.3.2022	Depreciation Gross Block as on 31.3.2023	Depreciation Gross Block as on 31.3.2024	14 = Col.2 X Col.13				
			3	4 = Col.2 X Col.3	5	6 = Col.2 X Col.5	7	8 = Col.2 X Col.7	9	10 = Col.2 X Col.9	11	12 = Col.2 X Col.11	13
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	2,488.44	2,488.44	2,488.44	2,488.44
	Land under reservoir (0.5913 hect.)	3.34%	288.42	288.42	288.42	288.42	288.42	288.42	288.42	288.42	288.42	288.42	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	2,200.02	2,200.02	2,200.02	2,200.02
B	Land under lease												
	for investment in the land	3.34%	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86	1,278.86
C	Assets purchased new												
(a)	Plant and Machinery in generating stations												
(i)	Hydro electric	5.28%	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94	1,51,251.94
(b)	Hydraulic works forming part of the Hydro												
(i)	Dams, Spillways, Weirs, Canals, Reinforced concrete flumes and siphons	5.28%	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86	88,808.86
(ii)	Reinforced concrete pipelines and surge tanks, steel pipelines, slice gates, steel surge tanks, hydraulic control valves and hydraulic works	5.28%	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25	3,61,632.25
(c)	Building & Civil Engineering works of a												
(i)	Containing hydro-electric generating plant	3.34%	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49	25,657.49
(ii)	Others	3.34%	3,217.87	3,217.87	3,217.87	3,217.87	3,217.87	3,217.87	3,217.87	3,217.87	3,217.87	3,217.87	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%	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32	7,307.32
(e)	Switchgear including cable connections	5.28%	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87	38,047.87
(f)	Lightning arrester												
(i)	Station Type	5.28%	373.39	373.39	373.39	373.39	373.39	373.39	373.39	373.39	373.39	373.39	373.39
(g)	Batteries	5.28%	465.91	465.91	465.91	465.91	465.91	465.91	465.91	465.91	465.91	465.91	465.91
(h)	Communication equipment												
(i)	Radio and high frequency carrier system	6.33%	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11	2,014.11
(j)	Self propelled vehicles	9.50%	71.17	71.17	71.17	71.17	71.17	71.17	71.17	71.17	71.17	71.17	71.17
(j)	Air Conditioning Plants												
(i)	Static	5.28%	924.89	924.89	924.89	924.89	924.89	924.89	924.89	924.89	924.89	924.89	924.89
(k)(i)	Office Furniture and furnishing	6.33%	16.96	16.96	16.96	16.96	16.96	16.96	16.96	16.96	16.96	16.96	16.96
(k)(ii)	Office Equipment	6.33%	214.55	214.55	214.55	214.55	214.55	214.55	214.55	214.55	214.55	214.55	214.55
	TOTAL		6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9	6,83,771.9
	Weighted Average Depreciation Rate (%)		5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%



Statement of Depreciation

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

(Amount in Rs Lakh)

Sl. No.	Particulars				
1	2	3	4	5	6
2019-20	2020-21	2021-22	2022-23	2023-24	
1	6,90,220.15	6,97,781.65	7,01,724.97	7,02,921.97	7,03,362.97
2	6,97,781.65	7,01,724.97	7,02,921.97	7,03,362.97	7,03,547.97
3	6,94,000.90	6,99,753.31	7,02,323.47	7,03,142.47	7,03,455.47
4	2,200.02	2,200.02	2,200.02	2,200.02	2,200.02
5	5.1805%	5.1805%	5.1805%	5.1805%	5.1805%
6	6,91,800.88	6,97,553.29	7,00,123.46	7,00,942.46	7,01,255.46
7	26.45 Years	25.45 Years	24.45 Years	23.45 Years	22.45 Years
8	4,20,568.80	3,90,368.30	3,56,687.55	3,21,122.49	2,85,009.00
9	35,952.91	36,250.91	36,384.06	36,426.49	36,442.70
10	35,952.91	36,250.91	36,384.06	36,426.49	36,442.70
11	Cumulative depreciation at the end of the period	3,07,184.99	3,43,435.91	3,79,819.97	4,16,246.45
12	Less: Cumulative depreciation adjustment on account of un-discharged liabilities deducted as on 01.04.2009	-	-	-	-
13	Less: Cumulative depreciation adjustment on account of de-capitalisation	-	-	-	-
14	Net Cumulative depreciation at the end of the period	3,07,184.99	3,43,435.91	3,79,819.97	4,16,246.45

1 In case of details of FERV and AAD, give information for the applicable period



(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	(Rs. in lacs)					
		Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	1	2	3	4	5	6
1 State Bank of India (refinance loan)							
	Gross loan - Opening	3,49,700.00	3,49,700.00	3,49,700.00	3,49,700.00	3,49,700.00	3,49,700.00
	Cumulative repayments of Loans upto previous year	24,669.86	36,909.36	49,148.86	61,388.36	73,627.86	85,867.36
	Net loan - Opening	3,25,030.14	3,12,790.64	3,00,551.14	2,88,311.64	2,76,072.14	2,63,832.64
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	12,239.50	12,239.50	12,239.50	12,239.50	12,239.50	12,239.50
	Net loan - Closing	3,12,790.64	3,00,551.14	2,88,311.64	2,76,072.14	2,63,832.64	2,51,593.14
	Weighted Average Loan/Average Loan	3,18,910.39	3,06,670.89	2,94,431.39	2,82,191.89	2,69,952.39	2,57,712.89
	Rate of Interest on Loan on annual basis	9.02%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	28,771.62	28,386.61	27,253.68	26,120.75	24,987.81	23,854.88
2 Syndicate Bank (refinance loan)							
	Gross loan - Opening	59,700.00	59,700.00	59,700.00	59,700.00	59,700.00	59,700.00
	Cumulative repayments of Loans upto previous year	6,441.00	8,530.50	10,620.00	12,709.50	14,799.00	16,888.50
	Net loan - Opening	53,259.00	51,169.50	49,080.00	46,990.50	44,901.00	42,811.50
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	2,089.50	2,089.50	2,089.50	2,089.50	2,089.50	2,089.50
	Net loan - Closing	51,169.50	49,080.00	46,990.50	44,901.00	42,811.50	40,722.00
	Weighted Average Loan/Average Loan	52,214.25	50,124.75	48,035.25	45,945.75	43,856.25	41,766.75
	Rate of Interest on Loan on annual basis	9.02%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	4,710.70	4,639.71	4,446.30	4,252.89	4,059.48	3,866.07
3 Central Bank of India (refinance loan)							
	Gross loan - Opening	59,700.00	59,700.00	59,700.00	59,700.00	59,700.00	59,700.00
	Cumulative repayments of Loans upto previous year	6,441.00	8,576.19	10,665.69	12,755.19	14,844.69	16,934.19
	Net loan - Opening	53,259.00	51,123.81	49,034.31	46,944.81	44,855.31	42,765.81
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	2,135.19	2,089.50	2,089.50	2,089.50	2,089.50	2,089.50
	Net loan - Closing	51,123.81	49,034.31	46,944.81	44,855.31	42,765.81	40,676.31
	Weighted Average Loan/Average Loan	52,191.41	50,079.06	47,989.56	45,900.06	43,810.56	41,721.06
	Rate of Interest on Loan on annual basis	9.02%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	4,708.64	4,635.48	4,442.07	4,248.66	4,055.25	3,861.84
4 Allahabad bank (refinance loan)							
	Gross loan - Opening	39,800.00	39,800.00	39,800.00	39,800.00	39,800.00	39,800.00
	Cumulative repayments of Loans upto previous year	4,294.00	5,687.00	7,080.00	8,473.00	9,866.00	11,259.00
	Net loan - Opening	35,506.00	34,113.00	32,720.00	31,327.00	29,934.00	28,541.00
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	1,393.00	1,393.00	1,393.00	1,393.00	1,393.00	1,393.00
	Net loan - Closing	34,113.00	32,720.00	31,327.00	29,934.00	28,541.00	27,148.00
	Weighted Average Loan/Average Loan	34,809.50	33,416.50	32,023.50	30,630.50	29,237.50	27,844.50
	Rate of Interest on Loan on annual basis	9.02%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	3,140.47	3,093.14	2,964.20	2,835.26	2,706.32	2,577.38
5 Viava Bank (refinance loan)							
	Gross loan - Opening	39,799.97	39,799.97	39,799.97	39,799.97	39,799.97	39,799.97
	Cumulative repayments of Loans upto previous year	6,700.00	8,113.61	9,506.61	10,899.61	12,292.61	13,685.61
	Net loan - Opening	33,099.97	31,686.36	30,293.36	28,900.36	27,507.36	26,114.36
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	1,413.61	1,393.00	1,393.00	1,393.00	1,393.00	1,393.00
	Net loan - Closing	31,686.36	30,293.36	28,900.36	27,507.36	26,114.36	24,721.36
	Weighted Average Loan/Average Loan	32,393.17	30,989.86	29,596.86	28,203.86	26,810.86	25,417.86
	Rate of Interest on Loan on annual basis	9.05%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	2,931.46	2,868.50	2,739.56	2,610.62	2,481.68	2,352.74
6 L & T Infra (refinance loan)							
	Gross loan - Opening	39,800.00					
	Cumulative repayments of Loans upto previous year	39,800.00					
	Net loan - Opening	-					
	Add: Drawal(s) during the Year	-					
	Less: Repayments(s) of Loans during the year	-					
	Net loan - Closing	-					
	Weighted Average Loan/Average Loan	-					
	Rate of Interest on Loan on annual basis	0.00%					
	Interest on loan	-					



Sl. no.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	1	2	3	4	5	1558
7	Punjab National Bank (refinance loan)						
	Gross loan - Opening	31,700.00	31,700.00	31,700.00	31,700.00	31,700.00	31,700.00
	Cumulative repayments of Loans upto previous year	4,379.00	5,536.14	6,645.64	7,755.14	8,864.64	9,974.14
	Net loan - Opening	27,321.00	26,163.86	25,054.36	23,944.86	22,835.36	21,725.86
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	1,157.14	1,109.50	1,109.50	1,109.50	1,109.50	1,109.50
	Net loan - Closing	26,163.86	25,054.36	23,944.86	22,835.36	21,725.86	20,616.36
	Weighted Average Loan/Average Loan	26,742.43	25,609.11	24,499.61	23,390.11	22,280.61	21,171.11
	Rate of Interest on Loan on annual basis	9.06%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	2,423.95	2,370.45	2,267.76	2,165.06	2,062.36	1,959.66
8	Axis Bank (refinance loan)						
	Gross loan - Opening	23,842.00	23,842.00	23,842.00	23,842.00	23,842.00	23,842.00
	Cumulative repayments of Loans upto previous year	2,578.00	3,414.50	4,251.00	5,087.50	5,924.00	6,760.50
	Net loan - Opening	21,264.00	20,427.50	19,591.00	18,754.50	17,918.00	17,081.50
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	836.50	836.50	836.50	836.50	836.50	836.50
	Net loan - Closing	20,427.50	19,591.00	18,754.50	17,918.00	17,081.50	16,245.00
	Weighted Average Loan/Average Loan	20,845.75	20,009.25	19,172.75	18,336.25	17,499.75	16,663.25
	Rate of Interest on Loan on annual basis	9.02%	9.26%	9.26%	9.26%	9.26%	9.26%
	Interest on loan	1,880.68	1,852.12	1,774.69	1,697.26	1,619.83	1,542.41
9	State Bank of India (refinance loan) - formerly State Bank of Hyderabad						
	Gross loan - Opening	15,900.00					
	Cumulative repayments of Loans upto previous year	15,900.00					
	Net loan - Opening	-					
	Add: Drawal(s) during the Year	-					
	Less: Repayments(s) of Loans during the year	-					
	Net loan - Closing	-					
	Weighted Average Loan/Average Loan	-					
	Rate of Interest on Loan on annual basis	-					
	Interest on loan	-					
	Total Refinance Loan (Sr. no. 1 to 9)						
	Gross loan - Opening	6,59,941.97	6,04,241.97	6,04,241.97	6,04,241.97	6,04,241.97	6,04,241.97
	Cumulative repayments of Loans upto previous year	1,11,202.86	76,767.29	97,917.79	1,19,068.29	1,40,218.79	1,61,369.29
	Net loan - Opening	5,48,739.11	5,27,474.68	5,06,324.18	4,85,173.68	4,64,023.18	4,42,872.68
	Add: Drawal(s) during the Year	-	-	-	-	-	-
	Less: Repayments(s) of Loans during the year	21,264.43	21,150.50	21,150.50	21,150.50	21,150.50	21,150.50
	Net loan - Closing	5,27,474.68	5,06,324.18	4,85,173.68	4,64,023.18	4,42,872.68	4,21,722.18
	Weighted Average Loan/Average Loan	5,38,106.89	5,16,899.43	4,95,748.93	4,74,598.43	4,53,447.93	4,32,297.43
	Interest on loan	48,567.52	47,846.03	45,888.26	43,930.50	41,972.74	40,014.97
	Weighted average Rate of Interest on Loans	9.026%	9.256%	9.256%	9.256%	9.256%	9.256%
	Effective interest rate	9.026%	9.256%	9.256%	9.256%	9.256%	9.256%

Note:

1. In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculation in Original currency is also to be furnished separately in the same form.

(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
A	RUPEE TERM LOAN:					
1	State Bank of India	RTL	31,78,74,22,291	2,86,78,13,856	9.02%	Appendix-1 to Enclosure -1 to Form 13
2	Syndicate Bank	RTL	5,20,37,35,808	46,94,74,360	9.02%	Appendix-2 to Enclosure -1 to Form 13
3	Central Bank of India	RTL	5,20,37,23,291	46,94,73,234	9.02%	Appendix-3 to Enclosure -1 to Form 13
4	Allahabad Bank	RTL	3,46,91,57,205	31,29,82,907	9.02%	Appendix-4 to Enclosure -1 to Form 13
5	Vijaya bank	RTL	3,22,85,48,560	29,21,71,286	9.05%	Appendix-5 to Enclosure -1 to Form 13
6	Punjab National Bank	RTL	2,66,72,19,196	24,17,58,828	9.06%	Appendix-6 to Enclosure -1 to Form 13
7	Axis Bank	RTL	2,07,74,93,397	18,74,28,815	9.02%	Appendix-7 to Enclosure -1 to Form 13
	Total		53,63,72,99,748	4,84,11,03,285		
B	WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN					
	Total Product of Debt Amount (Rs.)		53,63,72,99,748			
	Total Interest (Rs.)			4,84,11,03,285		
	WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN					9.026%

(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 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	32,50,30,13,880	1-Apr-18	22-May-18	52	9.15%	4,63,05,66,361	42,36,96,822
23-May-18	32,50,30,13,880	23-May-18	29-Jun-18	38	9.00%	3,38,38,75,418	30,45,48,788
30-Jun-18	32,25,82,23,880	30-Jun-18	30-Jul-18	31	9.00%	2,73,97,39,562	24,65,76,561
31-Jul-18	32,01,34,33,880	31-Jul-18	30-Aug-18	31	9.00%	2,71,89,49,179	24,47,05,426
31-Aug-18	31,76,86,43,880	31-Aug-18	29-Sep-18	30	9.00%	2,61,11,21,415	23,50,00,927
30-Sep-18	31,52,38,53,880	30-Sep-18	30-Oct-18	31	9.00%	2,67,73,68,412	24,09,63,157
31-Oct-18	31,27,90,63,880	31-Oct-18	31-Mar-19	152	9.00%	13,02,58,01,945	1,17,23,22,175
						31,78,74,22,291	2,86,78,13,856

Appendix-2 to Enclosure - 1 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	5,32,59,00,000	1-Apr-18	22-May-18	52	9.15%	75,87,58,356	6,94,26,390
23-May-18	5,32,59,00,000	23-May-18	29-Jun-18	38	9.00%	55,44,77,260	4,99,02,953
30-Jun-18	5,28,41,10,000	30-Jun-18	30-Jul-18	31	9.00%	44,87,87,425	4,03,90,868
31-Jul-18	5,24,23,20,000	31-Jul-18	30-Aug-18	31	9.00%	44,52,38,137	4,00,71,432
31-Aug-18	5,20,05,30,000	31-Aug-18	29-Sep-18	30	9.00%	42,74,40,822	3,84,69,674
30-Sep-18	5,15,87,40,000	30-Sep-18	30-Oct-18	31	9.00%	43,81,39,562	3,94,32,561
31-Oct-18	5,11,69,50,000	31-Oct-18	31-Mar-19	152	9.00%	2,13,08,94,247	19,17,80,482
						5,20,37,35,808	46,94,74,360

Appendix-3 to Enclosure - 1 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)
23-May-18	5,32,59,00,000	1-Apr-18	22-May-18	52	9.15%	75,87,58,356	6,94,26,390
30-Jun-18	5,28,41,10,000	23-May-18	29-Jun-18	38	9.00%	55,44,77,260	4,99,02,953
31-Jul-18	5,24,23,20,000	30-Jun-18	30-Jul-18	31	9.00%	44,87,87,425	4,03,90,868
31-Aug-18	5,20,05,30,000	31-Jul-18	30-Aug-18	31	9.00%	44,52,38,137	4,00,71,432
30-Sep-18	5,15,87,40,000	31-Aug-18	29-Sep-18	30	9.00%	42,74,40,822	3,84,69,674
31-Oct-18	5,11,69,50,000	30-Sep-18	30-Oct-18	31	9.00%	43,81,39,562	3,94,32,561
31-Mar-19	5,11,23,81,046	31-Oct-18	30-Mar-19	151	9.00%	2,11,68,75,205	19,05,18,768
				1	9.00%	1,40,06,523	12,60,587
						5,20,37,23,291	46,94,73,234



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 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)
23-May-18	3,55,06,00,000	1-Apr-18	22-May-18	52	9.15%	50,58,38,904	4,62,84,260
30-Jun-18	3,55,06,00,000	23-May-18	29-Jun-18	38	9.00%	36,96,51,507	3,32,68,636
31-Jul-18	3,52,27,40,000	30-Jun-18	30-Jul-18	31	9.00%	29,91,91,616	2,69,27,245
31-Aug-18	3,49,48,80,000	31-Jul-18	30-Aug-18	31	9.00%	29,68,25,425	2,67,14,288
30-Sep-18	3,46,70,20,000	31-Aug-18	29-Sep-18	30	9.00%	28,49,60,548	2,56,46,449
31-Oct-18	3,43,91,60,000	30-Sep-18	30-Oct-18	31	9.00%	29,20,93,041	2,62,88,374
31-Mar-19	3,41,13,00,000	31-Oct-18	31-Mar-19	152	9.00%	1,42,05,96,164	12,78,53,655
						3,46,91,57,205	31,29,82,907

Appendix-5 to Enclosure - 1 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

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-18	3,30,99,97,000	1-Apr-18	29-Jun-18	90	9.15%	81,61,63,644	7,46,78,973
30-Jun-18	3,28,21,37,000	30-Jun-18	27-Jul-18	28	9.15%	25,17,80,373	2,30,37,904
28-Jul-18	3,28,21,37,000	28-Jul-18	30-Jul-18	3	9.00%	2,69,76,468	24,27,882
31-Jul-18	3,25,42,77,000	31-Jul-18	30-Aug-18	31	9.00%	27,63,90,649	2,48,75,158
31-Aug-18	3,22,64,17,000	31-Aug-18	29-Sep-18	30	9.00%	26,51,84,959	2,38,66,646
30-Sep-18	3,19,85,57,000	30-Sep-18	30-Oct-18	31	9.00%	27,16,58,266	2,44,49,244
31-Oct-18	3,17,06,97,000	31-Oct-18	30-Mar-19	151	9.00%	1,31,17,13,005	11,80,54,170
31-Mar-19	3,16,86,36,303	31-Mar-19	31-Mar-19	1	9.00%	86,81,195	7,81,308
						3,22,85,48,560	29,21,71,286

Appendix-6 to Enclosure - 1 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

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	2,73,21,00,000	1-Apr-18	29-Jun-18	90	9.15%	67,36,68,493	6,16,40,667
30-Jun-18	2,70,99,10,000	30-Jun-18	30-Jul-18	31	9.15%	23,01,56,740	2,10,59,342
31-Jul-18	2,68,77,20,000	31-Jul-18	30-Aug-18	31	9.15%	22,82,72,110	2,08,86,898
31-Aug-18	2,66,55,30,000	31-Aug-18	31-Aug-18	1	9.15%	73,02,822	6,68,208
1-Sep-18	2,66,55,30,000	1-Sep-18	29-Sep-18	29	9.00%	21,17,81,836	1,90,60,365
30-Sep-18	2,64,33,40,000	30-Sep-18	30-Oct-18	31	9.00%	22,45,02,849	2,02,05,256
31-Oct-18	2,62,11,50,000	31-Oct-18	30-Mar-19	151	9.00%	1,08,43,66,164	9,75,92,955
31-Mar-19	2,61,63,86,486	31-Mar-19	31-Mar-19	1	9.00%	71,68,182	6,45,136
						2,66,72,19,196	24,17,58,828



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 2018-19

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)
23-May-18	2,12,64,00,000	1-Apr-18	22-May-18	52	9.15%	30,29,39,178	2,77,18,935
30-Jun-18	2,12,64,00,000	23-May-18	29-Jun-18	38	9.00%	22,13,78,630	1,99,24,077
31-Jul-18	2,10,96,70,000	30-Jun-18	30-Jul-18	31	9.00%	17,91,77,452	1,61,25,971
31-Aug-18	2,09,29,40,000	31-Jul-18	30-Aug-18	31	9.00%	17,77,56,548	1,59,98,089
30-Sep-18	2,07,62,10,000	31-Aug-18	29-Sep-18	30	9.00%	17,06,47,397	1,53,58,266
31-Oct-18	2,05,94,80,000	30-Sep-18	30-Oct-18	31	9.00%	17,49,14,740	1,57,42,327
31-Oct-18	2,04,27,50,000	31-Oct-18	31-Mar-19	152	9.00%	85,06,79,452	7,65,61,151
						2,07,74,93,397	18,74,28,815



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 2019-20

SL. NO.	NAME OF LENDER	NATURE OF FACILITY	PRODUCT OF DEBT AMOUNT (Rs.)	INTEREST (Rs.)	WEIGHTED AVERAGE RATE OF INTEREST	REFERENCE APPENDIX
A	RUPEE TERM LOAN:					
1	State Bank of India	RTL	30,64,58,15,069	2,83,66,92,215	9.26%	Appendix-1 to Enclosure-2 to Form 13
2	Syndicate Bank	RTL	5,00,82,32,384	46,35,78,641	9.26%	Appendix-2 to Enclosure-2 to Form 13
3	Central Bank of India	RTL	5,00,36,50,912	46,31,54,517	9.26%	Appendix-3 to Enclosure-2 to Form 13
4	Allahabad Bank	RTL	3,33,88,21,589	30,90,52,428	9.26%	Appendix-4 to Enclosure-2 to Form 13
5	Vijaya bank	RTL	3,09,54,93,060	28,65,26,588	9.26%	Appendix-5 to Enclosure-2 to Form 13
6	Punjab National Bank	RTL	2,55,83,82,942	23,68,11,377	9.26%	Appendix-6 to Enclosure-2 to Form 13
7	Axis Bank	RTL	1,99,92,10,795	18,50,53,538	9.26%	Appendix-7 to Enclosure-2 to Form 13
	Total		51,64,96,06,750	4,78,08,69,305		
B	WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN					
	Total Product of Debt Amount (Rs.)			51,64,96,06,750		
	Total Interest (Rs.)			4,78,08,69,305		
	WEIGHTED AVERAGE RATE OF INTEREST ON RUPEE TERM LOAN					
					9.256%	

(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 2019-20

State Bank of India

Date	Outstanding Balance Amount (Rs.)		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	(2)	(3)	From	To			Product of Debt Amount	Interest
1-Apr-19	31,27,90,63,880	1-Apr-19	22-May-19	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
23-May-19	31,27,90,63,880	23-May-19	29-Jun-19		52	9.00%	4,45,61,95,402	40,10,57,586
30-Jun-19	31,03,42,73,880	30-Jun-19	30-Jul-19		38	9.30%	3,25,64,50,486	30,28,49,895
31-Jul-19	30,78,94,83,880	31-Jul-19	30-Aug-19		31	9.30%	2,63,57,87,645	24,51,28,251
31-Aug-19	30,54,46,93,880	31-Aug-19	29-Sep-19		31	9.30%	2,61,49,97,261	24,31,94,745
30-Sep-19	30,29,99,03,880	30-Sep-19	30-Oct-19		30	9.30%	2,51,05,22,785	23,34,78,619
31-Oct-19	30,05,51,13,880	31-Oct-19	31-Mar-20		31	9.30%	2,57,34,16,494	23,93,27,734
					153	9.30%	12,59,84,44,996	1,17,16,55,385
							30,64,58,15,069	2,83,66,92,215

Appendix-2 to Enclosure - 2 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 2019-20

Syndicate Bank

Date	Outstanding Balance Amount (Rs.)		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	(2)	(3)	From	To			Product of Debt Amount	Interest
1-Apr-19	5,11,69,50,000	1-Apr-19	22-May-19	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
23-May-19	5,11,69,50,000	23-May-19	29-Jun-19		52	9.00%	72,89,90,137	6,56,09,112
30-Jun-19	5,07,51,60,000	30-Jun-19	30-Jul-19		38	9.30%	53,27,23,562	4,95,43,291
31-Jul-19	5,03,33,70,000	31-Jul-19	30-Aug-19		31	9.30%	43,10,40,986	4,00,86,812
31-Aug-19	4,99,15,80,000	31-Aug-19	29-Sep-19		31	9.30%	42,74,91,699	3,97,56,728
30-Sep-19	4,94,97,90,000	30-Sep-19	30-Oct-19		30	9.30%	41,02,66,849	3,81,54,817
31-Oct-19	4,90,80,00,000	31-Oct-19	31-Mar-20		31	9.30%	42,03,93,123	3,90,96,560
					153	9.30%	2,05,73,26,027	19,13,31,321
							5,00,82,32,384	46,35,78,641

Appendix-3 to Enclosure - 2 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 2019-20

Central Bank of India

Date	Outstanding Balance Amount (Rs.)		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	(2)	(3)	From	To			Product of Debt Amount	Interest
1-Apr-19	5,11,23,81,046	1-Apr-19	22-May-19	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
23-May-19	5,11,23,81,046	23-May-19	29-Jun-19		52	9.00%	72,83,39,218	6,55,50,530
30-Jun-19	5,07,05,91,046	30-Jun-19	30-Jul-19		38	9.30%	53,22,47,890	4,94,99,054
31-Jul-19	5,02,88,01,046	31-Jul-19	30-Aug-19		31	9.30%	43,06,52,938	4,00,50,723
31-Aug-19	4,98,70,11,046	31-Aug-19	29-Sep-19		31	9.30%	42,71,03,650	3,97,20,639
30-Sep-19	4,94,52,21,046	30-Sep-19	30-Oct-19		30	9.30%	40,98,91,319	3,81,19,893
31-Oct-19	4,90,34,31,046	31-Oct-19	31-Mar-20		31	9.30%	42,00,05,075	3,90,60,472
					153	9.30%	2,05,54,10,822	19,11,53,206
							5,00,36,50,912	46,31,54,517



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 2019-20

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Allahabad Bank

Date	Outstanding Balance Amount (Rs.)		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	From	To	From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7) X '5' / 365 = (7)	(7) X '6' = (8)	
1-Apr-19	3,41,13,00,000	1-Apr-19	22-May-19	52	9.00%	48,59,93,425	4,37,39,408	
23-May-19	3,41,13,00,000	23-May-19	29-Jun-19	38	9.30%	35,51,49,041	3,30,28,861	
30-Jun-19	3,38,34,40,000	30-Jun-19	30-Jul-19	31	9.30%	28,73,60,658	2,67,24,541	
31-Jul-19	3,35,55,80,000	31-Jul-19	30-Aug-19	31	9.30%	28,49,94,466	2,65,04,485	
31-Aug-19	3,32,77,20,000	31-Aug-19	29-Sep-19	30	9.30%	27,35,11,233	2,54,36,545	
30-Sep-19	3,29,98,60,000	30-Sep-19	30-Oct-19	31	9.30%	28,02,62,082	2,60,64,374	
31-Oct-19	3,27,20,00,000	31-Oct-19	31-Mar-20	153	9.30%	1,37,15,50,685	12,75,54,214	
						3,33,88,21,589	30,90,52,428	

Appendix-5 to Enclosure - 2 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 2019-20

Vijaya Bank

Date	Outstanding Balance Amount (Rs.)		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	From	To	From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7) X '5' / 365 = (7)	(7) X '6' = (8)	
1-Apr-19	3,16,86,36,303	1-Apr-19	22-May-19	52	9.00%	45,14,22,158	4,06,27,994	
23-May-19	3,16,86,36,303	23-May-19	29-Jun-19	38	9.30%	32,98,85,423	3,06,79,344	
30-Jun-19	3,14,07,76,303	30-Jun-19	30-Jul-19	31	9.30%	26,67,50,864	2,48,07,830	
31-Jul-19	3,11,29,16,303	31-Jul-19	30-Aug-19	31	9.30%	26,43,84,672	2,45,87,775	
31-Aug-19	3,08,50,56,303	31-Aug-19	29-Sep-19	30	9.30%	25,35,66,271	2,35,81,663	
30-Sep-19	3,05,71,96,303	30-Sep-19	30-Oct-19	31	9.30%	25,96,52,289	2,41,47,663	
31-Oct-19	3,02,93,36,303	31-Oct-19	31-Mar-20	153	9.30%	1,26,98,31,382	11,80,94,319	
						3,09,54,93,060	28,65,26,588	

Appendix-6 to Enclosure - 2 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 2019-20

Punjab National Bank

Date	Outstanding Balance Amount (Rs.)		Interest Period		No. of Days	Rate	Interest Amount (Rs.)	
	From	To	From	To			Product of Debt Amount	Interest
(1)	(2)	(3)	(4)	(5)	(6)	(7) X '5' / 365 = (7)	(7) X '6' = (8)	
1-Apr-19	2,61,63,86,486	1-Apr-19	22-May-19	52	9.00%	37,27,45,472	3,35,47,092	
23-May-19	2,61,63,86,486	23-May-19	29-Jun-19	38	9.30%	27,23,90,922	2,53,32,356	
30-Jun-19	2,59,41,96,486	30-Jun-19	30-Jul-19	31	9.30%	22,03,29,017	2,04,90,599	
31-Jul-19	2,57,20,06,486	31-Jul-19	30-Aug-19	31	9.30%	21,84,44,386	2,03,15,328	
31-Aug-19	2,54,98,16,486	31-Aug-19	29-Sep-19	30	9.30%	20,95,73,958	1,94,90,378	
30-Sep-19	2,52,76,26,486	30-Sep-19	30-Oct-19	31	9.30%	21,46,75,126	1,99,64,787	
31-Oct-19	2,50,54,36,486	31-Oct-19	31-Mar-20	153	9.30%	1,05,02,24,061	9,76,70,838	
						2,55,83,82,942	23,68,11,377	

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 2019-20

Axis Bank

Date	Outstanding Balance Amount (Rs.)	Interest Period		No. of Days	Rate	Product of Debt Amount	Interest
		From	To				
(1)	(2)	(3)	(4)	(5)	(6)	'2' X '5' / 365 = (7)	'7' X '6' = (8)
1-Apr-19	2,04,27,50,000	1-Apr-19	22-May-19	52	9.00%	29,10,21,918	2,61,91,973
23-May-19	2,04,27,50,000	23-May-19	29-Jun-19	38	9.30%	21,26,69,863	1,97,78,297
30-Jun-19	2,02,60,20,000	30-Jun-19	30-Jul-19	31	9.30%	17,20,72,932	1,60,02,783
31-Jul-19	2,00,92,90,000	31-Jul-19	30-Aug-19	31	9.30%	17,06,52,027	1,58,70,639
31-Aug-19	1,99,25,60,000	31-Aug-19	29-Sep-19	30	9.30%	16,37,72,055	1,52,30,801
30-Sep-19	1,97,58,30,000	30-Sep-19	30-Oct-19	31	9.30%	16,78,10,219	1,56,06,350
31-Oct-19	1,95,91,00,000	31-Oct-19	31-Mar-20	153	9.30%	82,12,11,781	7,63,72,696
						1,99,92,10,795	18,50,53,538

PETITIONER



Calculation of Interest on Normative Loan

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

SI. No.	Particulars	2	3	4	5	6	7	8
1		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	
	Amount of Capital Cost - Opening	6,91,318.52	6,90,220.15	6,97,781.65	7,01,724.97	7,02,921.97	7,03,362.97	
1	Gross Normative loan - Opening	4,83,922.97	4,83,154.11	4,88,447.16	4,91,207.48	4,92,045.38	4,92,354.08	
2	Cumulative repayment of Normative Loan upto previous year	2,35,392.09	2,71,232.09	3,07,184.99	3,43,435.91	3,79,819.97	4,16,246.45	
3	Net Normative loan - Opening	2,48,530.88	2,11,922.02	1,81,262.16	1,47,771.58	1,12,225.42	76,107.63	
4	Add: Increase due to addition during the year / period	-	1,459.50	974.40	837.90	308.70	129.50	
5	Less: Decrease due to de-capitalisation during the year / period	-	-	-	-	-	-	
6	Less: Decrease due to reversal during the year / period	35,840.00	35,952.91	36,250.91	36,384.06	36,426.49	36,442.70	
7	Add: Increase due to discharges during the year / period	704.03	3,833.55	1,785.93	-	-	-	
8	Net Normative loan - Closing	2,13,394.91	1,81,262.16	1,47,771.58	1,12,225.42	76,107.63	39,794.42	
9	Average Normative loan	2,30,962.89	1,96,592.09	1,64,516.87	1,29,998.50	94,166.52	57,951.03	
10	Weighted average Rate of Interest	9.0274%	9.2564%	9.2564%	9.2564%	9.2564%	9.2564%	
11	Interest on loan	20,850.04	18,197.26	15,228.26	12,033.12	8,716.38	5,364.15	

(Amount in Rs Lakh)



(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

(Amount in Rs. Lakh)

Sl. No.	Particulars	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8
					*		
1	O & M Expenses *	20,572.26	11,710.14	12,268.31	12,853.09	13,465.74	14,107.59
2	Security Expenses #	-	-	2,446.27	2,446.27	2,446.27	2,446.27
3	O & M expenses (for one month)	1,714.36	975.85	1,226.22	1,274.95	1,326.00	1,379.49
4	Maintenance Spares (15%)	3,085.84	1,756.52	2,207.19	2,294.90	2,386.80	2,483.08
5	Receivables (2 months/ 45 days)	22,259.22	14,856.15	15,002.70	14,712.99	14,391.43	14,021.04
6	Total Working Capital	27,059.41	17,588.52	18,436.10	18,282.84	18,104.23	17,883.61
7	Rate of Interest	13.50%	12.05%	12.05%	12.05%	12.05%	12.05%
8	Interest on Working Capital	3,653.02	2,119.42	2,221.55	2,203.08	2,181.56	2,154.98

* O & M expenses approved by the Hon'ble Commission in CERC (terms & conditions of Tariff) Regulations 2019, for the FY 2019-20 to 2023-24 # Security expenses considered based on letter received from CISF for deployment of 315 security personnel (enclosed as per Annexure M2)



Non-Tariff Income

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	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	Income from rent of land or buildings						
2	Income from sale of scrap	NOT APPLICABLE, TO BE SUBMITTED AT THE TIME OF TRUE UP					
3	Income from advertisements						

Note: to be submitted at the time of true up



(Petitioner)

Incidental Expenditure during Construction

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

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(Amount in Rs Lakh)		
S. No	Parameters	Up to actual / anticipated COD
A	Expenses:	
1	Employees' Benefits Expenses	
2	Finance Costs	
3	Water Charges	
	Communication Expenses	
4	Power Charges	
	Depreciation	
5	Other Office and Administrative Expenses	
6	Others ...	
7	Other pre-operating expenses	
B	Total Expenses	
	Less: Income from sale of tenders	
	Income from guest house	
	Income recovered from contractors	
	Interest on Deposits	
C	Net Amount of IEDC	

**NOT APPLICABLE,
COD 13.9.2011**



(Petitioner)

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

(Rs. in lacs)

No.	Particulars	2019-20			2020-21			2021-22			2022-23			2023-24			
		Quarter 1 30/06/2002	Quarter 2 30/09/2002	Quarter 3 31/12/2002	Quarter 4 30/03/2003	Quarter 1 30/06/2003	Quarter 2 30/09/2003	Quarter 3 31/12/2003	Quarter 4 31/03/2004	Quarter 1 30/06/2004	Quarter 2 30/09/2004	Quarter 3 31/12/2004	Quarter 4 31/03/2005	Quarter 1 30/06/2005	Quarter 2 30/09/2005	Quarter 3 31/12/2005	Quarter 4 30/03/2006
1	Loans																
1.1	Foreign Loans																
1.1.1	Foreign Loan-1																
	Draw down amount																
	IDC																
	Financing charges																
	Foreign Exchange Rate Variation																
	Hedging Cost																
1.1.2	Foreign Loan-2																
	Draw down amount																
	IDC																
	Financing charges																
	Foreign Exchange Rate Variation																
	Hedging Cost																
1.1	Total Foreign Loans																
	Draw down amount																
	IDC																
	Financing charges																
	Foreign Exchange Rate Variation																
	Hedging Cost																
1.1	Indian Loans																
1.2.1	Indian Loan -1-																
	Draw down Amount																
	IDC																
	Financing charges																
1.2.2	Indian Loan -2-																
	Draw down Amount																
	IDC																
	Financing charges																
1.2.3	Indian Loan -3-																
	Draw down Amount																
	IDC																
	Financing charges																
1.2	Total Indian Loans																
	Draw down Amount																
	IDC																
	Financing charges																
1	Total of Loans drawn																
	IDC																
	Financing charges																
2	Equity																
2.1	Foreign Equity Drawn																
2.2	Indian Equity Drawn																
	Total equity deployed (Please refer Note 1)																



(Petitioner)

1077

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

1572

Actual Cash Expenditure

	(Rs. In lacs)				
Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4	Q1 to Q4
Expenditure towards gross block					
Add: expenditure towards CWIP					
Add: capital advances, if any	NOT APPLICABLE, COD 13.09.2011				
Less: undischarged liabilities (included above)					
Payment to Contractors / Suppliers towards capital assets					
Cumulative payments					

(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

1573

Name of the Generating Company : JSW Hydro Energy Limited
Name of Hydro electric 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
	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
Total	4131.06	

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

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



(Petitioner)

Design Energy and MW Continuous (month wise) - ROR type stations

157A

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

Name of the Generating Company : JSW Hydro Energy Limited
 Name of Hydro electric Generating Station : Karcham Wangtoo Hydro-Electric Plant
 Installed capacity : No. of units x MW = 4 x 250 MW = 1000 MW

Month	Design Energy * (Mus)	MW Continuous*
April	I	NOT APPLICABLE
	II	
	III	
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	
Total		

*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

1576

Operation and Maintenance expenses (Commercial operation on or after 1.4.2019)

(Amount in Rs. Lakh)

In case of the hydro generating stations declared under commercial operation on or after 1.4.2019

Total capital expenditure up to cutoff date (a)	NOT APPLICABLE , COD 13.9.2011
R&R Expenditure (b)	
IDC & IEDC (c)	
Capital cost considered for O&M expense(d)= (a)-(b)-(c)	
First year annualize O&M expenses @ 3.50% of above (e) = 3.50% of (d)	
O&M expense for next year @ 4.77% of above (f) = 4.77% of (e)	
Additional O&M expenses due to 7th Pay Commission Wage Revision	
Additional O&M expenses due to Minimum Wage Revision	
Additional O&M expenses due to Goods and Services Tax (GST)	

Note: Additional O&M expenses with supporting documents and computations to be provided for respective years of Tariff Period.



(Petitioner)

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

Details of statutory charges , if applicable

(Amount in Rs. Lakh)

Particulars	1	2	3	4
Electricity duty				
Water cess				
.....				
NOT APPLICABLE				



(Petitioner)

Name of the Petitioner : JSW Hydro Energy Limited
Name of the Generating Station : Karcham Wangtoo Hydro-Electric PlantSummary of issue involved in the petition

1. Petitioner:	JSW Hydro Energy Limited		
2. Subject	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)		
3. Prayer:	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 1/3rd 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.		
4 Respondents			
Name of Respondents:			
	a.	PTC INDIA LIMITED, 2nd Floor, NBCC TOWER, 15 BHIKAJI CAMA PLACE, NEW DELHI -66	
	b.	HARYANA POWER GENERATION CORPORATION LIMITED, THROUGH ITS CMD, PLOT NO. C-7, SECTOR - 6, PANCHKULA, HARYANA -134109	
	c.	UTTAR PRADESH POWER CORPORATION LIMITED, THROUGH ITS CMD SHAKTI BHAWAN,14, ASHOK MARG, LUCKNOW - 226 001. UTTAR PRADESH	
	d.	JAIPUR VIDYUT VITRAN NIGAM LIMITED, THROUGH ITS CMD, VIDYUT BHAWAN, JANPATH, JAIPUR – 302005, RAJASTHAN	
	e.	AJMER VIDYUT VITRAN NIGAM LIMITED, THROUGH ITS CMD, VIDYUT BHAWAN, PANCHSHEEL NAGAR, MAKARWALI ROAD, AJMER- 305004, RAJASTHAN	
	f.	JODHPUR VIDYUT VITRAN NIGAM LIMITED, THROUGH ITS CMD, NEW POWER HOUSE, INDUSTRIAL AREA JODHPUR-342003, RAJASTHAN	
	g.	PUNJAB STATE POWER CORPORATION LIMITED, THROUGH ITS CMD, THE MALL, OLD PSEB BUILDING, PATTIALA-147 001, PUNJAB	
	i.	The State of Himachal Pradesh, Through Principal Secretary (MPP & Power), Government of Himachal Pradesh, Shimla- 171002, H.P	
	j.	HPSEB Ltd. Vidyut Bhawan, Shimla – 171004	
5. Project Scope	IC	1000MW	(Presently)
	DE (Gross)	4131.08 Mus	
	FEHS	12% upto 12 years, 18% from 13 years onwards	
	AUX	1.20%	
	NAPAF	90%	
	Sanction Cost Latest RCE	6,51,659	(admitted vide tariff order dated 30.3.2017)
Commissioning	Unit/Station COD	13-09-2011	
Claim			
	AFC (Rs. Lakh)	2019-20	2020-21
		2021-22	2022-23
		2023-24	
	Capital cost (Rs. lakh)	1,20,830	1,21,689
		1,19,339	1,16,730
		1,14,038	
	Capital cost (Rs. lakh)	6,97,782	7,01,725
		7,02,922	7,03,363
	Initial spare	NA, project COD 13.9.2011	
	NAPAF	90%	90%
		90%	90%
	Design Energy (Mus)	4131.06	4131.06
		4131.06	4131.06
	Any Specific	-	-



PETITIONER



Peak Hours Declaration

Sr. No.	Month Duration	Peak Hours
1	01-12-2018 to 20-03-2019	06:00 to 07:30 and 17:45 to 19:15
2	21-03-2019 to 01-04-2019	06:00 to 07:30 and 18:00 to 19:30
3	02-04-2019 to 25-04-2019	18:00 to 21:00
4	26-04-2019 to 30-04-2019	18:30 to 21:30
5	01-05-2019 to 31-05-2019	19:00 to 20:30 and 22:00 to 23:30
6	01-06-2019 to 10-09-2019	19:00 to 20:30 and 22:00 to 23:30
7	11-09-2019 to 30-09-2019	18:30 to 20:30 and 22:00 to 23:00
8	1-10-2019 to 31-10-2019	18:15 to 21:15



वरिष्ठ कमाण्डेन्ट का कार्यालय
केन्द्रीय औद्योगिक सुरक्षा बल
(गृह मंत्रालय)

के.ओ.सुब 8वीं आरक्षित वाहिनी
पोस्ट - आमेर, जयपुर

ई-31014 / के.ओ.सुब / 8वीं आ.वा. / मिश्रित / पीए / 2018-19/0230 दिनांक : 12/12/2018

To

Shri Perveen Kumar Puri,
Vice President & Head Tech.
Karcham Wangtoo H.E. Project,
Sholtu Colony, PO : Tapri,
Distt : Kinnaur (HP) - 172 104.

Subject : SURVEY : REGARDING.

Kindly refer to your letter No. HBPC/L/KW/Security-RP/Admin/19-10944 dated 03 Sep 2018.

02. As desired the following documents and information is enclosed herewith for your kind information and necessary action please :-

- i) Copy of Draft MOU.
- ii) Financial implication from CISF.

03. It is also requested that kindly deposit survey fee Rs. 30,000/- (Rupees thirty thousand only) in CISF HQrs for conducting of survey of Karcham Wangtoo Hydel Power Project.


(R C Choudhary)
Commandant
CISF 8th RB Jaipur

Encl : As above.

Copy to:

01. The IG NS HQrs
Mahipalpur, New Delhi - for kind information please.
02. The DIG/NZ-I HQrs
Mahipalpur, New Delhi. - for kind information please.

Dr. Poojita
Pl. discuss
19/12/18



Government of India/Bharat Sarkar
Ministry of Home Affairs/Grih Mantralaya
Central Industrial Security Force

MEMORANDUM OF UNDERSTANDING

General

1. This Memorandum of Understanding (hereinafter referred as "MOU") is made and entered into by and between the Central Industrial Security Force (CISF) and the Management of _____ (Name of the Undertaking) through their authorized signatory whose address is _____ and the Management of (Name of the Undertaking) represented through _____ whose address is _____.

2. This MOU is effective upon the day and date last signed and accepted by the duly authorized representatives of the parties to the MOU and it will remain in force and effect till the time CISF is deputed to the Government/ PSU/ Private Organisation/ Establishment concerned hereinafter called Client Organisation and/ or the Unit. The head of the CISF contingent deployed so, herein after is indicated as Commander or Unit Commander.

Security and Other Infrastructure and Equipments

3. The Client Organisation shall provide the infrastructure, office accommodation, security related infrastructure, residential accommodation (married & bachelor), communication (including telephone/ wireless/ internet), transport, modern security gadgetry, furniture, and other equipment/ amenities, for deployment of CISF at the Unit as per the provisions of Central Industrial Security Force Act, 1968 at the norms/ scales authorized by MHA and the other applicable orders/ instructions issued by Government of India from time to time. The details of such requirements are as per the following Appendix and Annexure I to VII of this MOU:-

Appendix	Authorization for Infrastructure and Equipment
Annexure-I	Office and Residential Accommodation (married & bachelor)
Annexure-II	Transport
Annexure-III	Communication Equipment & Accessories
Annexure-IV	Furniture for Office
Annexure-V	Furniture and Equipment for Barracks
Annexure-VI	Cooking utensils
Annexure-VII	Tradesmen tools

4. **Joint Survey Report (JSR)/ Authorisation:** A joint Survey of the Unit would be carried out by CISF along with the Client Organisation. The Client Organisation will ensure that all the security and other infrastructure, as required and specified in the Joint Survey Report prepared before the induction of CISF into the Unit are provided to CISF in a time bound manner, subject to the authorized norms applicable to CISF as specified in Column 3 of the Appendix to this MOU.



Safety Measures and Safety Audit

5. Before the deployment of CISF at the unit, the Client Organisation will ensure that all the safety measures, as required under the instant statutes and rules are in place, since the security requirements of the unit are closely linked with the safety aspects as well. The Client Organisation shall share the reports about the safety measures with CISF from time to time as and when so demanded by CISF.
6. The Client Organisation will ensure carrying out of the safety audit as required under the instant statutes and rules at regular intervals as specified under the rules. The management will keep CISF apprised of the safety audit reports to the extent the outcome of such audit reports is linked with the security aspects.
7. **Pre Induction Formalities (PIF):** The Client Organisation shall provide the minimum infrastructure, office accommodation, security related infrastructure, residential accommodation (married & bachelor), communication (including telephone/ wireless/ internet), transport, modern security gadgetry, furniture, and other equipment prior to the deployment of CISF at the Unit as part of the Pre Induction Formalities (PIF) as specified in Column 4 of the Appendix to this MOU.
8. **Security Deposit:** As Pre Induction Formalities the Client Organisation will also deposit an amount equal to 3 months' average salary bill of CISF contingent to be deployed as security deposit before release of the posts as applicable. The Client Organization would submit a Bank Guarantee for an amount equal to average three months supervision/ deployment charges. Such Bank Guarantee would be invoked in case of failure of Client Organization to pay dues alongwith penal interest, if any, within three months of de-induction or otherwise, as the case may be, in addition to average deployment charges for three months being taken in advance from Client Organizations.
9. **Completion of the Remaining Formalities:** The remaining infrastructure, equipment and other amenities shall be provided by the Client Organisation after the induction of CISF in a phased and time bound manner as per the time lines as specified in Column 5 of the Appendix to this MOU.
10. **Access Control System:** The Client Organisation shall also provide the new or modify the existing access control system, physical security measures and infrastructure as per the requirements.
11. **Operational Control Room:** The Client Organisation shall provide a fully furnished operational control room with adequate communication facilities like telephones, wireless, fax, computers and installation of a wide monitoring facility of CCTV and other equipment as identified in the Joint Survey Report. Status of facilities will be reviewed yearly, or early if so required for a specific reason, and will be addressed by the Client Organization as per clause 14.



12. **Annual Maintenance Contract (AMC):** The Client Organisation will also provide for the Annual Maintenance Contract (AMC) for the infrastructure, equipment and gadgetry provided to CISF under this MoU.

Periodic Review by CISF to improve/ upgrade the security

13. CISF shall conduct a review annually, or even earlier if so required for a specific reason, to improve and upgrade the security in the unit. After such review any additional requirements would be assessed by the Unit Commander of the CISF Contingent and projected to the Client Organisation. The Unit Commander will also periodically assess the status of the existing equipment and infrastructure provided by the Client Organisation to CISF and make suggestions regarding equipment and infrastructure required to improve the security measures and project the additional requirements to the Client Organisation, if any. The requirement projected by CISF would be as per the norms and authorization approved by MHA from time to time.

14. If the Client Organisation agrees with the assessment/ request of CISF, it will take immediate necessary action to meet such additional requirements in a time bound manner taking into account the security exigency. In case the Client Organisation does not agree with the assessment/ request of CISF, it will refer the matter, within 7 days, to a Standing Joint Survey Committee on Security to be set up by DG, CISF having representatives from Client Organisation and CISF. CISF can also refer their assessments /requests to the Standing Joint Survey Committee on Security in case they are not satisfied with the response/ action taken by the Client Organisation to their demand. The Standing Joint Survey Committee will give their recommendation within 15 days. The recommendations of the Standing Joint Survey Committee would be binding on the Client Organisation who shall implement these decisions in a given time frame not exceeding 3 months for providing the above.

15. In case no action is taken by the Client Organisation on the recommendations of Joint Survey Committee/requests of CISF within three months or in exceptional circumstances relating to the security of the undertaking CISF reserves the rights to incur expenditure on infrastructure items like strengthening of Kote, Explosive Magazine, Morchas, Watch Towers, Fencing etc. The expenditure incurred by CISF will be recouped by the Client Organisation within 30 days of raising the bills. Such action should, however, be resorted to only with the approval of Director General, CISF.

16. **Purchase of Arms & Ammunition, Critical Gadgets and Security System:** CISF will procure arms and ammunition, critical gadgets, security system etc. which may be required to be deployed in compliance with the provisions contained in this MoU as per the requirements, authorized norms and sanction of MHA for strengthening the security of the undertaking/ countering the security threat to the undertaking. The expenditure on the procurement and maintenance of the same will be borne by the Undertaking.



17. **Imprest Fund and Consumables:** The Client Organisation will make a provision for monthly Imprest Fund to be used by Unit Commander to incur expenditure by the Unit Commander. The amount may be decided by the Client Organisation and this will be recouped as and when bills are submitted by the Unit Commander. The Client Organisation shall also provide stationary and other essential consumable items required for day to day functioning of the unit as agreed at the time of Joint Survey.
18. **Services of Tradesmen and Followers:** If the services of drivers, cooks, washermen, barbers, sweepers and other tradesmen are not provided for in the regular deployment of CISF sanctioned by MHA, the same would be provided by the Client Organisation as per the scale given in the Joint Survey Report
19. **Green Initiatives:** The CISF and Client Organisation would plan and implement wherever there is a scope for water harvesting and conservation, energy conservation strategies, green buildings and such other environment friendly policies and best practices including use of Information & Communication Technology.

Medical, Educational and Other Facilities

20. The Client Organisation shall provide medical facilities to the CISF personnel and their families strictly at par with their own employees. The Client Organisation shall also re-imburse the medical claims of family members of CISF personnel who are staying away from the unit at par with the rates given to their own employees. These will include the families of personnel staying in barracks, SOs Mess and GOs Messes whose families are not staying with them. In case of hospitalization/injury of CISF personnel while on duty, the Client Organisation will bear the cost at the rate at par to their own employees.
21. The Client Organisation will provide educational facilities/ allowances to the wards of CISF personnel and their families in the installation run by the Plant at par with the own employees of the PSU.
22. **Compensation for death or incapacitation or injury:** In the event of death or incapacitation or injury of any CISF personnel while on duty the Client Organisation would be liable to pay the ex-gratia at a rate fixed by the Government or at a rate at which the PSU is paying its employee in case of death, whichever is higher. Special recommendations could also be made by DG, CISF if it is a case of death in action against militants/ naxalities/ terrorists / dacoits / anti-social elements.

Cost of Deployment

23. The deployment of the Force will be entirely at the cost of the Client Organisation which, interalia, will include following costs of deployment of CISF personnel in connection with the security of Client Organisation:
- i) Salary and allowances;
 - ii) Pension and leave salary contribution;
 - iii) Travelling Allowances/ Daily Allowances (TA/DA),



- iv) Proportionate cost of raising and continuing training of personnel;
- v) Supervision and monitoring charges;
- vi) Cost of clothing;
- vii) Cost of equipment, if not provided by the Client Management;
- viii) Cost of Arms and Ammunitions;
- ix) Taxes as prescribed by the Central Government, State Government and Local Bodies from time to time; and
- x) Any other charges as specifically agreed between the parties to this MOU.

24. Payment of Deployment Charges: Bills on account of deployment charges will be preferred by CISF for every month by the 10th of the subsequent month and the Client Organisation will make the payment within 20 days thereafter. In the event of default in payment of CISF dues a penal interest @ 2% above the PLR (Prime Lending Rate) will be paid by the Client Organisation for the period of such default.

i) No interest will be charged on the delayed payment of few days in respect of Client Organizations that are regular in payment of dues of deployment ("Regular in payment" would mean who are making payment as per existing procedure in this regard). For the delayed payment of few days, grace period of maximum of 10 days from the date on which payment was, due will be allowed, in case of establishments which are regular in payment, on case to case basis, with the approval of DG.

ii) The levy of penal interest will be as per provisions laid down in MHA letter No.II-27011/17/2003-PF.II dated 08/08/2003, No.II-27011/17/2003-PF.II dated 17/03/2005 and subsequent orders issued by MHA.

Temporary Deployment/ Duty Outside the Unit

25. The unit commander may detail the CISF personnel for temporary duties/assignments such as liaison with local administration, tours, trainings, court duties, attachments etc. If such detailment does not exceed 5% of the sanctioned strength for that unit and the duration of the detailment is within one month, then such detailment will not be construed as permanent reduction of strength for the purpose of pay, allowance etc and Client Organisation shall continue to pay the cost of such personnel on their deployments.

26. It is also agreed that a part of the force may be withdrawn for temporarily deployment on other important assignments/duties in the national/ public interest such as elections, law and Order duties, Internal Security requirements/ assignments etc. as per the orders/ under the directions of Ministry of Home Affairs. However, the Client Organisation will not have to bear the expenses of the force withdrawn from the unit and deployed for such assignments which will be borne by the Government.

27. **Security Audit:** MHA may at any time order a special security audit of the unit either directly or through an agency MHA may deem fit. The cost of such security audit will be borne by the Client Organisation since such audit, if conducted, would be in the interests of the security of the unit.



Termination

28. In case of failure to respect the obligations as contained in this MOU, CISF may withdraw from the Unit in terms of sub section 2 of Section 14 of Central Industrial Security Force Act, 1968 with the approval of Ministry of Home Affairs.
29. In case of default in payment of CISF dues over a period of 2 months CISF may issue formal notice to the authorized signatory of the Client Organisation for withdrawal of CISF from the industrial undertaking in terms of sub section (2) of Section 14 of Central Industrial Security Force Act, 1968. In that case the security deposit shall be forfeited and in addition CISF will be paid its dues as per the actual billing by the Client Organisation.
30. Notwithstanding the above, Ministry of Home Affairs reserves the right to withdraw CISF from the Unit at any time in the broader National/ Public Interest.

Signatures	Signatures
Name & Signature of the Authorized representative of Client Organisation	Name & Signature of the Authorized representative of CISF
Designation	Designation
Place	
Date	



Appendix to MoU

Authorization of infrastructure, office accommodation, security related infrastructure, residential accommodation, communication, transport, modern security gadgetry, furniture, & other equipment/ amenities

1. Total Requirements/ Authorization. The requirement will be strictly subjected to the approved authorization/ orders issued by MHA and other GOI Ministries concerned form time to time.
2. To be provided prior to induction of the Force
3. To be provided in a phased and time bound manner as per time limits given in Annexure-I to VII.

ITEM	2	3	4	5
1				
1.	ACCOMMODATION			
	i) Office Accommodation	The entitled office accommodation with all fixtures & furniture and according to norms and guidelines laid down by BPE for the Administrative offices	100%	
	ii) Barracks Accommodation	As per Annexure I	100% of authorized	
	iii) Family Accommodation	As per Annexure I	75% of authorized	Remaining 25% Within 6 months
2.	TRANSPORT	As per Annexure II	50%	50% Within 3 months
3.	COMMUNICATION EQUIPMENTS	As per Annexure III	100% of required	
	i) Telephone		50%	50% Within 1 month
	ii) internet connectivity		100%	
	iii) Walkie-Talkie set	Requirement as per joint survey or as may be settled through subsequent meetings between CISF and Client Organisation.	100% as per requirement	
	iv) VHF Set		50%	50% Within 3 months
4.	SECURITY GADGETS INFRASTRUCTURE	As per assessment made by the joint survey board.		
	i) Proper Secured Kote with proper		100%	
	a. fencing			
	b. lighting			
	c. morchas.			
	d. watch towers			
	ii) Proper security infrastructure		100%	



ITEM	Authorisation	Availability Required as Pre Induction Formalities (PIF)	Availability requirements after induction time lines
	of explosive magazine along with,		
	a) barrack		
	b) proper perimeter wall with concertina fencing		
	c) with raised bullet proof morchas.(if present in the unit)		
	iii) Perimeter Fencing	100%	
	iv) Watch Towers along boundary wall	50%	50% Within 6 months
	v) Morchas at other places.	50%	50% Within 6 months
	vi) Mobile Morchas	100%	
	vii) Under carriage/ Trolley mirror	As per requirement	
	viii) Control Room	100%	
	SECURITY GADGETS - Equipment		
	i) Automated access control system.		100% to be provided Within 6 months.
	ii) CCTV System		Within 3 months
	iii) Boom Barriers		Within 3 months
	iv) Tyre Killers		Within 3 months
	v) Bollards		Within 6 months
	vi) DFMDs		Within 6 months
	vii) HHMDs		Within 3 months
	viii) Trip wire		Within 3 months
	ix) Infrared devices		Within 6 months
	x) PIDS		Within 6 months
	xi) Anti intrusion devices		Within 6 months
	xii) Electric/Solar/Power fencing		Within 6 months
	xiii) Night vision devices		Within 6 months
5.	<u>OFFICE FURNITURE</u>		
		As per Annexure IV	80% of required.
6.	<u>FURNITURE AND EQUIPMENT for BARRACKS</u>		
		As per Annexure-V	80% of required.
7.	<u>COOKING UTENSILS</u>		
		As per Annexure-VI	100%
8.	<u>TRADESMEN TOOLS</u>		
		As per Annexure-VII	100%
	<u>RECREATIONAL FACILITIES</u>		
		As per Joint Survey Report	20%
	<u>OTHER AMENITIES</u>		
		As per Annexure-I and Joint Survey Report	80% within 03 months
			100% as per requirement. Within 3 months.

ACCOMMODATION and AMENITIES

A. Office Accommodation : Office accommodation to CISF officers and staff will be as per their entitlement as laid down in the orders/instructions issued by Ministry of Urban Development.

B. Residential Accommodation: -

B.i Married Accommodation The percentage of married accommodation prescribed in Rule 61 of CISF Rules, 2001 is as under:

i)	Supervisory Officer (Assistant Commandants and above)	100%
ii)	Inspectors/ Sub-Inspectors/ Asstt. Constables/ Constables/ Tradesmen	45%

The type of residential accommodation will be as per the orders/ norms issued by Ministry of Urban Development from time to time.

B.ii Barrack Accommodation: Scales of barrack (Single man) Accommodation

i)	Inspectors/ Sub-Inspectors/ Asstt. Constables/ Constables/ Tradesmen	Sub Inspectors/ Head	55%
ii)	Minimum area for bachelor accommodation per person (cover the barracks, toilets, dining hall, kitchen, stores, reading and recreation room, stall for barber, cobbler and washerman)	As per MoUD norms	

The authorization for accommodation and other amenities will be further subject to the following:

1. Authorization will be subject to the authorization approved by MHA and other relevant instructions issued by Government of India from time to time
2. Separate barracks for females shall be provided with adequate safety, privacy and protection. The numbers of toilets and bath rooms shall be as per the scale given in the annexure.
3. If the deployment of women employees in CISF exceeds 35, the Client Organisation would provide crèche facilities. Further the Client Organisation would also ensure a conducive working environment for women such as separate changing room, separate washrooms and separate sitting/staff rooms.
4. There shall be adequate space between barracks of SOs and ORs so as to ensure distinctiveness. The barracks should have proper concrete/pucca roofs, ventilation, concrete/pucca flooring and locking facility.
5. SOs barracks should be designed in a fashion so that each sub officer has a separate cubical.
6. The barracks should not be adjacent to the family accommodation for privacy for both.
7. Quarter Guard should be centrally placed near the barracks of ORs.
8. Separate messes shall be properly maintained for SOs and ORs and kitchens shall be fully equipped.



9. There shall be a meeting-cum-recreation hall where the Sainik Sammelans (regular meetings/ briefings/ debriefings of CISF personnel) can be held. The meeting-cum-recreation hall shall be properly furnished as per the requirements projected by CISF.
10. There shall be a provision for (preferably near the barracks) proper parade ground of adequate size commensurate with the strength of CISF contingent.
11. The Client Organisation shall also provide for Gazetted Officer's hostel with 3-4 rooms having attached bathrooms and toilets where bachelor Gazetted Officers can stay or where other visiting/ inspecting Gazetted Officers can stay during temporary duty/ tours/ transit. This shall also function as GO's mess and shall be fully furnished.
12. There shall be provision of hygienic drinking water in the barracks (SOs & ORs), messes (SOs & ORs), Gazetted Officer's hostel and all the family accommodation. Facilities like RO/ UV/ Other modern technologies would be used for the same. There should be an adequate water supply plan for the CISF contingent.
13. In addition to these, if the strength of CISF is revised at any time, the Client Organisation would provide for the accommodation and facilities as per the norms. The Client Organisation will also provide for the annual repairs and maintenance of the accommodation and other facilities.
14. CISF Barracks and other accommodations should be at a safe distance from inflammable/ hazardous substances stored in the unit, if any.
15. Provision for armoury and stores, may be made at a minimum rate of 16.5 per 100 jawans. Besides a guard room with a plinth area of at least 25 Sq. Mtr for 5 persons may be provided in each armoury and store.
16. Location of CISF colony: The accommodation for CISF personnel should preferably be planned in a cluster separate from the other neighbor hoods meant for the staff of the enterprise.
17. The above authorization will be subject to the orders/instructions issued by MHA,MOUD and MOF from time to time.
18. If the accommodation provided by the client organization is far from the point of duty, the client organization will provide transportation to and fro to CISF personnel at the cost of the client organization.



TRANSPORT

The scale of authorization of transport and drivers is as under:-

Srl No.	Rank	Authorization of Vehicles*	Authorization of Drivers*
1.	DIG/ Commandant	1 Car	1 Driver
2.	AC/ DC	1 LMV with	1 Driver
3.	Inspector	1 Motor Cycle	without driver
4.	One Pick up	1 One Pick up for the strength of 125	2 Drivers
5.	Motor cycle for DR duties	As agreed in joint survey/ subsequent meetings/ yearly assessment.	
6.	LMV for patrolling squad duty	As agreed in joint survey/ subsequent meetings/ yearly assessment.	2 Drivers per LMV
7.	HTV	One H.T.V for a unit of 125-400 strength. Addl. HTV for every 200 additional strength	2 Drivers per vehicle
8.	Bicycles	On requirement basis	
9.	Vehicle for QRT [if applicable]	1 LMV per team with drivers as per requirement.	
10.	One Truck for BDDS (if applicable)	1 specialized vehicle as per requirement.	1 driver
11.	Ambulance-cum-dog van for Dog squad	1 appropriate vehicle	1 driver
12.	Other transport requirements specific to unit i.e. school children etc.	As agreed in joint survey/ subsequent meetings/ yearly assessment.	

- The running expenses on vehicles and their maintenance will be the responsibility of the user Unit.
- Authorization will be subject to the authorization approved by MHA and other relevant instructions issued by Government of India from time to time



COMMUNICATION EQUIPMENT & ACCESSORIES

Srl No.	Name of the Item	Authorization
1	Computer with internet	1, in office of the officer in charge of administration
2.	HF Set with Accessories	As per requirement assessed during the joint survey/subsequent meetings & review/yearly assessment.
	i) I/F Static 100 W	-do-
	ii) RF Cable 30 meter	-do-
	iii) Power Supply SMPS 12 V 30 Amps	-do-
	iv) Broad Band Antenna	-do-
	v) Tech Service manual	-do-
2.	Best Equipments & Accessories	-do-
3.	VHF 25 Watt(Mobile) With Accessories	-do-
	i) VHF 25 Watt(Mobile)	-do-
	ii) Whip Antenna 3 dB gain	-do-
4.	VHF 25 Watt Base Set With Accessories	-do-
	i) VHF Base set 25 Watt	-do-
	ii) Co axial RF Cable RG217 30 Mtrs	-do-
	iii) Power supply SMPS 12 V 10 Amps	-do-
	iv) GPA	-do-
	v) Reducer/VHF male to female adapter.	-do-
5.	Hand Held 5 Watt	-do-
6.	Other Communication equipments such as Telephone (landline and mobiles)	-do-

1. The Client Organization shall provide adequate tele-communication facilities at all the offices, accommodation of Gazetted Officers, barracks, messes and at all conceivable points important for administration or security of the unit and at each duty post.
2. Preferably two communication systems should be provided which could be in the form of wireless sets/landlines/intercom/mobiles etc. Communication systems would be reviewed yearly or early if so required for a specific reason, and the additional requirements would be assessed and met in a time bound manner..
3. Authorization will be subject to the authorization approved by MIHA and other relevant instructions issued by Government of India from time to time



FURNITURE and EQUIPMENT FOR OFFICE

<u>COMMANDANT</u>		No. of Items
1	OFFICE TABLE (Large 6'x4' with well polished top and with boxes and drawers on both sides)	No.1
2.	Revolving Chair	No.1
3	Armed Chair(Wooden) with canned seat	No.4
4.	Side rack	No.1
5.	Table tiffin with wooden top 3'x2'x2 ½ ' well polished	No.1
6.	Foot rest 20"x14"x15"	No.1
7.	Looking glass	No.1
8.	Almirah	No.1
<u>ASSISTANT COMMANDANT</u>		
1	Table Officers (Wooden) 5'x3'x2 ½ ' with rexine top and drawers on both sides	No.1
2	Armed chairs(Wooden) with canned seat	No.3
3	Side rack	No.1
4.	Almirah Small	No.1
<u>INSPECTORS</u>		
1	Table Officers(Small) 4'x2 ½ 'x 2 ½ ' with rexine top and drawers on one side.	No.1
2.	Armed Chair (Wooden) with canned seat	No.2
3	Side rack	No.1
4	Almirah Small	No.1
<u>OFFICE STAFF</u>		
1	Table clerk wooden 4'x 2 ½ 'x 2 ½ ' with three drawers for Sis clerk.	No.1
2	Table wooden 3'x2 ½ 'x 2 ½ ' with drawers two for ASI/Clk	No.1
3.	Armed chairs(Wooden) with canned seat side rack	No.1
4.	Side rack	No.1
5	Wooden stools(Office runner)	No.4
6.	Iron safe for cashier	No.1
7.	Almirahs in Bn. Office for maintenance of records	As required.
<u>VISITORS/CONFERENCE ROOM</u>		
1	Chairs	No.12
2.	Centre- Table(As per requirement)	No.1
3.	Other Furniture(e.g for conference room, meeting room, family welfare centre, control room, recreational room, kitchen, officer mess, dining hall)	As assessed in joint survey/ subsequent meeting & review/ yearly assessed.
4.	Computer	As per Joint Survey Report
5	Computer consumables: Stationery and ink	As per Joint Survey Report
6	Multi-Function Device	As per Joint Survey Report
7	Printers	As per Joint Survey report



8	Fax Machine	As per Joint Survey Report
9	Scanners	As per Joint Survey Report
10	Photocopier	As per Joint Survey Report

* The requirement will be strictly subjected to the authorization duly approved by DG, CISF.



FURNITURE/EQUIPMENT FOR BARRACKS

Sno.	Particulars of the store	Remarks	A/U	Qty	Auth	Remarks
Service Company and HQrs Coy at HQrs including Coy. Office.						
1.	Almirah Large		No	1		
2.	Black Board with easel		No	1		Set per officer and O.R
3.	Bamboo/N/Net set or iron M Set		No	1		
4.	Charpoys wooden/iron		No	1		
5.	Chair office/Barracks		No.	6		Per platoon & for coy Office
6.	Clock Wall		No.	1		
7.	Curtain/Chicks		No.	1		
8.	Benches wooden with or without back		No.	2		2 per platoon
9.	Board wooden long jump		No.	1		
10.	Cash box/chest/treasure chest		No.	1		
11.	Ladder step wooden		No.	1		
12.	Lanterns hurricane		No.	6		
13.	Petromax 200/100 c.p		No.	1		
14.	Strap securing lathis		Prs	2		
15.	Trestler iron		Nos	1		
16.	Rack rifle wooden/iron		Nos	1		
17.	Board for hand cuffs		Nos	1		
18.	Table writing		Nos	3		
19.	Tape measuring large		Nos	1		
20.	Wooden trays		Nos	6		
21.	Paper cabinet		Nos	1		
22.	Waste paper basket		Nos	3		
23.	Table cloth		Nos	3		
24.	Fire alarm tins		Nos	10		
25.	Pad Locks		Nos	As per requirement		
26.	Other requirements/Furniture/ Equipment stores etc			As specific to unit and assessed in joint survey/subsequent meeting & review/yearly assessed		

• The requirement will be strictly subjected to the authorization duly approved by DG,CISF.



COOKING UTENSILS

Srl No.	Items	Quantity	
		Per Platoon	Per Coy
1.	Degchi Brass 16" with lid	2 Nos	6 Nos
2.	Degchi Brass 24"	1 No	3 Nos
3.	Bucket GI 2 Gallon capacity	1 No	3 Nos
4.	Tub iron	1 No	3 Nos
5.	Sil Batta	1 No	3 Nos
6.	Knives	1 Set	3 Nos
7.	Tawa Iron	1 No	3 Nos
8.	Chakia Belan wooden	1 Set	3 Set
9.	Chimta iron	1 No	3 Nos
10.	Karchhi	1 No	3 Nos
11.	Parat Brass	1 No	3 Nos
12.	Jharna Iron	1 No	3 Nos
13.	Masaladani	1 No	3 Nos
14.	Meat safe	1 No	3 Nos
15.	Karchi Iron	3 Nos	9 Nos
16.	Atta Chalni	1 No	3 Nos
17.	Axe Iron	1 No	3 Nos
18.	Lota Brass with Iron handle	1 No	3 Nos
19.	Tarazu(Scale)	1 No	3 Nos
20.	Weight for Tarazu	1 Set	3 Sets
21.	Hurricane	1 No	3 Nos
22.	Basket Ration/Chapathi	1 No	3 Nos
23.	Kettle Aluminium 12"	1 No	3 Nos
24.	Milk Container 3 Ltrs	1 No	3 Nos
25.	Basin washing	1 No	3 Nos
26.	Haman Dasta	1 No	3 Nos
27.	Grinding Stones	1 No	3 Nos
28.	Idly Vessels with trays for Iddlies	1 No	3 Nos.
29.	Other utensils	As specific to unit and assessed in joint survey/subsequent meeting & review/yearly assessed.	

- The requirement will be strictly subjected to the authorization duly approved by DG, CISF.



TRADESMEN TOOLS

Srl No.	Items	Requirement*
1.	Scissors 9 ½ "	Pr. 1
2.	Edges, straight OP	No.1
3.	Iron pressing 10 pounds	No.1
4.	Squares, Tailor Box wood	No.1
5.	Tap measuring Tailor	No.1
6.	Thimbles Tailor	No.1
7.	Machine sewing Tailor Model foot (Usha)	No.1
8.	Other Miscellaneous tools	As per requirement
	DHOBII TOOLS	
1.	Cartridge cotton undyed 1-in-50 yds	No.1
2.	Iron Dhobi Brass 10 Kgs	No.1
3.	Tubes, washing oval 8 gallons	No.1
	BOOT MAKER TOOLS	
1	Chest tools boot maker	No.1
2	Chisels cold plat carbon steel ¾ in cut	No.1
3	File flat bastard 12"	No. 1
4.	Handles Awals No.1	Nos.2
5	Handles Awals No.4	Nos.2
6	Hammer No.9	No.1
7.	File No.5	No.1
8.	Knives trimming	No.1
9.	Mallets tins	No.1
10.	Nipper and cutting 9 inch	No.1
11.	Oil store –fire	No.1
12.	Pincers Carpenter	No.1
13	Pliers eyelet closing	No 1
14.	Punches round 1/8 inch	No.1
15.	Scissors 8 inch	No.1
16.	Pad Locks IG 4 lever 1 1/4"	No.1
17.	Hammer shoe maker	No.1
18.	Knives shoe maker	No.1
19.	Feet Iron for wooden leg large	No.1
20	Feet Iron for wooden leg small	No.1
21	Leg wood	No.1
22.	Nipper cutting	No.1
23	Plier eyelet	No.1
24.	Pasps, shoe maker	No.1
25	Tape measuring shoe maker	No.1
26	Other Miscellaneous tools	As per requirement



<u>BARBER TOOLS-2</u>		
1.	Scissors	Prs.1
2.	Hair clipping machine	No.1
3.	Razor	No.1
4.	Hair Brush	No.1
5.	Shaving Brush	No.1
6.	Comb plastic with thin teeth	No.1
7.	Other Miscellaneous tools	As per requirement

- The requirement will be strictly subjected to the authorization duly approved by DG, CISF.



DETAILS OF RECURRING EXPENDITURE /NON RECURRING EXPENDITURE OF CISF UNIT

S.NO.	RANK	PAY SCALE	NOOF	BP	DA	TPT	TPT DA	SOAP	CHA	COR	TOTAL	YEARLY PAY FOR TOTAL NO. OF RANK	YEARLY LEAVE SALARY CONTRIBUTION 11%	YEARLY PENSION CONTRIBUTION 12%
1	DC	67700-208700	1	76200	6858	0	0	0	0	0	83058	996696	109637	119604
2	AC	56100-177500	1	67850	6107	0	0	0	0	0	73957	887484	97623	106498
3	INSP	44900-142400	3	71600	6444	1800	162	45	1800	2936	84787	3052332	335757	366280
4	SI E	35400-112400	13	50600	4554	1800	162	45	1800	2936	61897	9655932	1062153	1158712
5	SI M	35400-112400	1	50600	4554	1800	162	45	1800	2936	61897	742764	81704	89132
6	ASI E	29200-92300	15	42500	3825	1800	162	45	1800	2936	53068	9552240	1050746	1146269
7	ASI M	29200-92300	3	42500	3825	1800	162	45	1800	2936	53068	1910448	210149	229254
8	HC	25500-81100	90	39700	3573	1800	162	45	1800	2936	50016	54017280	5941901	6482074
9	HC DVR	25500-81100	2	39700	3573	1800	162	45	1800	2936	50016	1200384	132042	144046
10	HC MIN	25500-81100	3	39700	3573	1800	162	45	1800	2936	50016	1800576	198063	216069
11	CT	21700-69100	164	28400	2556	1800	162	45	1800	2936	37699	74191632	8161080	8902996
12	CT DVR	21700-69100	6	28400	2556	1800	162	45	1800	2936	37699	2714328	298576	325719
13	COOK	21700-69100	4	28400	2556	1800	162	45	1800	2936	37699	1809552	199051	217146
14	WC	21700-69100	2	28400	2556	1800	162	45	1800	2936	37699	904776	99525	108573
15	SWPR	21700-69100	3	28400	2556	1800	162	45	1800	2936	37699	1357164	149288	162860
16	BRR	21700-69100	2	28400	2556	1800	162	45	1800	2936	37699	904776	99525	108573
17	WM	21700-69100	2	28400	2556	1800	162	45	1800	2936	37699	904776	99525	108573
	TOTAL		315	719750	64778	27000	2430	675	27000	44040	885673	166603140	18326345	19992378

1 CLOTHING AND EQUIPMENT	RS.	12694209/-
2 ARMS	RS.	3265410/-
3 AMMUNITIONS	RS.	1755010/-

= (-)

COR SALARY 155575524

11027616

COR CALCULATION

COR RATE	RATE PER MONTH	STRENGTH	COR FOR 1 MONTH	COR FOR 12 MONTHS
97.85	2936	313	918968	11027616

BUDGET FOR CISF UNIT

S.NO.	HEAD	AMOUNT
1	SALARY	155575524
2	COR	11027616
3	DTE	7000000
4	RW SALARY	100000
5	RW DTE	150000
6	REWARD	20000
	TOTAL	173873140

1	Cost of Arms & Service Ammunition	As per applicable Government rate
2	Expenditure on vehicle	As per vendor and variant
3	Expenditure on security Gadgets	As per vendor and variant
4	Expenditure on office furniture	As per vendor and variant
5	Expenditure on Recreational Ammunities & Training	As per vendor and variant
6	Communication Equipments	As per vendor and variant
7	Cooking utensils	As per vendor and variant
8	Trade mens Tools	As per vendor and variant
9	Furniture for Recreational Hall	As per vendor and variant
10	Furniture for Mess Hall	As per vendor and variant
11	Cots and Mattresses for (01 each for entire	As per vendor and variant



Signature
S. Kumar
K.S. CHANDRA

CALCULATION OF ARMS

S.No.	Name of Items	RATE	NO. OF ARMS	AMOUNT
1	GLOCK PISTOL	25000	33	825000
2	AK 47 /5.56 INSAS	22818	55	1254990
3	CARBINE 9MM/MPS	34468	30	1034040
4	LMG 5.56 INSAS	75690	2	151380
5	TOTAL			3265410

CALCULATION OF AMMUNITION

S.No.	Name of Items	STRENGTH	ROUND	TOTAL ROUND	RATE PER AMOUNT ROUND
1	9 MM (PISTOL/CARBINE)	392	30	11760	26
2	5.56 (AK 47)	287	150	43050	33
3	5.56 MM (LMG)	650	2	1300	22
	TOTAL				1755010

(Handwritten Signature)
 (K. S. CHOUHAN)



CALCULATION SHEET OF CLOTHING AND EQUIPMENT

S.No.	Name of Items	RATE	NO OF ITEMS	AMOUNT
1	ARPON COOK MAJRI	177	4	708
2	BAGT KIT UNIVERSAL	313	128	40064
3	BANK WOOLEN NB	313	818	256034
4	CAP MAJRI FOR COOK	4	44	176
5	COMPARTMENT TREY	313	135	42255
6	GROUND SHEET	313	294	92022
7	JERSEY WOOLEN KHAKI	313	607	189991
8	KIT BOX STEEL	125	924	115500
9	LATHIS SHORT	254	86	21844
10	MOSQUETO NET POLYSTER	313	203	63539
11	MUG STEEL	313	122	38186
12	PEAK CAP	37	184	6808
13	BOOT ANKET TEXTILE JUNGE	313	424	132712
14	POLYSTER BLENDED RAN CAP	313	1034	323642
15	SHIRT GABERDINE LFCD	293	560	164080
16	TROUSER GABERDINE LFCD	371	293	108703
17	TOWL HAND	140	313	43820
18	TACTICAL BOOK PU SOLE(BLA	549	254	139446
19	TACTICAL BOOK PU SOLE(BRC	726	31	22506
20	ANKLET WEB	42	313	13146
21	HOLSTER PISTOL	220	33	7260
22	LYNIYARD PISTOL	55	33	1815
23	PACK 08 SYNTHETIC	737	313	230681
24	POUCHES AMMNS PISTOL	132	33	4356
25	WATER BOTTLE	106	313	33178
26	BLANKET SUPERIOR DYED	1013	313	317069
27	GREAT COAT SHORT	579	125	72375
28	SHIRT ANGOLE	505	125	63125
29	DANGRI T C	966	8	7728
	TOTAL			2552769

NAME OF RIOT DRILL EQUIPMENTS

S.No.	Name of Items	RATE	NO OF ITEMS	AMOUNT
1	BP JACKET	25750	285	7338750
2	BP HALMATE	9000	285	2565000
3	BODY PROTECTOR	366	285	104310
4	CANE SHIELD	322	285	91770
5	SHINE GUARD	146	285	41610
	TOTAL			10141440

TOTAL C & E

12694209



Signature
31/11/2014
(K-S. CHOUHAN)

JSW HYDRO ENERGY LIMITED (Karcham Wangtoo HEP)

Details of Additional CAPEX for Karcham Wangtoo HEP During FY 2019-2024

1602
ANNEXURE 'M3'

SL. NO.	DESCRIPTION OF ASSETS / WORKS	JUSTIFICATION	Internal estimated tentative cost. (Rs. Lakh)				
			2019-20	2020-21	2021-22	2022-23	2023-24
1	XLPE Cable temperature monitoring system.	Obsolescence of Technology	80	-	-	-	-
2	Vibration monitoring system (For all 4 units)	Obsolescence of Technology	-	25	25	25	25
3	Human Machine Interface (HMI) upgradation for excitation system for three units	Obsolescence of Technology	-	-	10	10	10
4	Partial Discharge measurement system	Obsolescence of Technology	-	25	-	-	-
5	Beam Detector	Need for higher security & safety	8	-	-	-	-
6	Guide Vanes	Upgraded/ Redesigned Technology	280	300	-	350	-
7	HVOC Coating Plant	Needed for better plant performance and longer plant life.	-	-	500	-	-
8	Turbine Guide Bearing pad	Upgraded/ Redesigned Technology	-	-	-	-	100
9	Supervision Vehicles		8	124	50	-	-
10	Machinery & Equipments (i.e Fork Lift, JCB, Loader, welding machine, Crane etc)	Existing machineries are very old and running of these are not safe as well not cost effective	9	66	-	56	50
	Material Shifting equipments i.e. Truck, Tipper etc.		-	27	12	-	-
12	Transit Mixer (Self Loading type)		-	25	-	-	-
13	Kilba Township	Temporary residential structure is being replaced by permanent RCC residential building.	1500	-	-	-	-
14	Sholhu Township		200	800	600	-	-
	Total		2085	1392	1197	441	185
	Grand Total				5300		

