



APPENDIX-I

PETITION FOR APPROVAL OF TARIFF OF
JHAJJAR-MUNDKA 400 KV D/C TRANSMISSION LINE
OF APCPL
FOR THE PERIOD FROM
01ST APRIL 2014 TO 31ST MARCH 2019

APPENDIX-I
TARIFF FILING FORMS (TRANSMISSION SYSTEM)
FOR DETERMINATION OF TARIFF

अरावली पावर कम्पनी प्राइवेट लिमिटेड
(एनटीपीसी, एचपीजीसीएल एवं आइपीजीसीएल का संयुक्त उद्यम)
Aravali Power Company Private Limited
(A JOINT VENTURE OF NTPC, HPGCL AND IPGCL)

1st & 2nd floors, PAWAN HANS TOWERS, C-14, SECTOR-
1 NOIDA , UTTAR PRADESH 201301

INDEX

PART-III

Checklist of Forms and other information/documents for tariff filing for Transmission System & Communication System

Form No.	Title of Tariff Filing Forms (Transmission & Communication System)	Tick
FORM-1	Summary Sheet	
FORM-2	Details of Transmission Lines and Substations, Communication System	
FORM-3	Normative parameters considered for tariff computations	
FORM-4	Abstract of admitted parameters for the existing transmission assets/elements under project.	
FORM-4A	Statement of Capital cost	
FORM-4B	Statement of Capital Works in Progress	
FORM-4C	Abstract of Capital Cost Estimates and Schedule of Commissioning for the New Project/Element	
FORM-5	Element wise Break-up of Project/Asset/Element Cost for Transmission System or Communication System	
FORM-5A	Break-up of Construction/Supply/Service packages	
FORM-5B	Details of element wise cost of the project	
FORM-6	Financial Package upto COD	
FORM-7	Statement of Additional Capitalisation after COD	
FORM-7B	Statement of Additional Capitalisation during fag end* of the project	
FORM-8	Calculation of Return on Equity	
FORM-8A	Details of Foreign Equity	
FORM-8B	Details of additional RoE	
FORM-9	Details of Allocation of corporate loans to various transmission elements	
FORM-9A	Details of Project Specific Loans	
FORM-9B	Details of Foreign loans	
FORM-9C	Calculation of Weighted Average Rate of Interest on Actual Loans	
FORM-9D	Loans in Foreign Currency	
FORM-9E	Calculation of Interest on Normative Loan	
FORM-10	Calculation of Depreciation Rate	
FORM-10A	Statement of Depreciation	
FORM-10B	Statement of De-capitalisation	
FORM-11	Calculation of Interest on Working Capital	
FORM-12	Details of time over run	
FORM-12A	Incident Expenditure during Construction	
FORM-12B	Draw Down Schedule for Calculation of IDC & Financing Charges	
FORM-13	Breakup of Initial spares	
FORM-14	Other Income as on COD	
FORM-15	Actual cash expenditure	

**PART-III
FORM-1**

Summary Sheet

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Transmission Element or JHAJJAR- MUNDKA 400 KV D/C TRANSMISSION LINE

(Amount in Rs. Lakh)

S.No.	Particulars	Form No.	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2		3	4	5	6	7	8
1.1	Depreciation	Form 10	438.82	438.82	438.82	438.82	438.82	438.82
1.2	Interest on Loan	Form 9C	503.58	469.54	421.14	372.73	324.33	275.93
1.3	Return on Equity ¹	Form 8	488.94	488.94	488.94	488.94	488.94	488.94
1.4	Interest on Working Capital	Form 11	29.04	34.73	33.70	32.67	31.65	30.63
1.5	O & M Expenses	Form-2 & 3	51.41	46.42	48.00	49.57	51.21	52.92
	Total		1511.78	1478.44	1430.59	1382.74	1334.95	1287.24

Note

1: Details of Calculations, considering equity as per regulation, to be furnished (As per Form 8).

(Petitioner)

DETAILS OF TRANSMISSION LINES & SUBSTATIONS & COMMUNICATION SYSTEM

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Transmission Element JHAJJAR- MUNDKA 400 KV D/C TRANSMISSION LINE

Transmission Lines:

Substations:

S.NO.	Name of Sub-station	Type of Substation Conventional(Gr eenfield/Brownfi eld)/ GIS/HVDC terminal/HVDC Back to Back	Voltage level kV	No. of transformers / Reactors/SVC etc. (with capacity)	No. of Bays				Date of Commercial operation	Covered in the present petition	
					765 kV	400 kV	220 kV	132 kV & Below		Yes/No	If No, petition No.
1											
2											
3											
4											
-											
-											

Communication system:

S. No.	Name of Communication System	Type of Communication System – Communication System under ULDC/ SCADA/ WAMS/Fibre Optic Communication System/RTU/PABX etc	Technical Particulars	Number/ length	Date of Commercial operation	Covered in the present petition	
						Yes/No	If No, petition No.
1							
2							
3							
4							
-							

(Petitioner)

Normative Parameters considered for tariff computation

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

Year Ending March

Particulars	Unit	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Base Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate	%	20.9605%	20.9605%	20.9605%	20.9605%	20.9605%	20.9605%
Effective tax rate ¹	%	20.9605%	20.9605%	20.9605%	20.9605%	20.9605%	20.9605%
Effective rate OF RETURN (***)	%	19.610%	19.610%	19.610%	19.610%	19.610%	19.610%
Target Availability	%	98.00%	98.00%	98.00%	98.00%	98.00%	98.00%
Normative O&M per km per year	Rs. Lakh	0.783	0.707	0.731	0.755	0.780	0.806
Normative O&M per bay	Rs. Lakh						
Spares for WC as % of O&M	%	15.00%	15.00%	15.00%	15.00%	15.00%	15.00%
Receivables in Months for WC	Months	2	2	2	2	2	2
SBI Base Rate as on 01.04.2014	%	13.20%	13.50%	13.50%	13.50%	13.50%	13.50%

1. To be supported by necessary documents and calculations. Effective tax rate is to be computed in accordance with Regulation 25 i.e. actual tax (orestimated tax)/gross income, where gross income refers the profit before tax.

2. Mention relevant date.

*** Inserted by APCPL

(Petitioner)

Abstract of admitted parameters for the existing transmission assets/elements under project

(Admitted Costs of the Asset by CERC yet not available.

Costs

as claimed vide True-Up Petition (239/2010) filed Furnished)

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

	Asset- 1		
Name of the Assets	400 kv Jhajjar Mundka D/C transmission line		Total Gross Block as on 31.03.2014
DOCO	01.03.2011		
Petition Number	239/2010		
Tariff order date			
Particulars	Capital Expenditure as on 31.03.2014		
Apportioned approved Cost/Revised cost estimates, if any (with reference and date of approval)			
			0
Freehold Land		NOT APPLICABLE	0
Leasehold Land			0
Building & Other Civil Works			0
Transmission Line	8580		8580
Sub-Station Equipments			0
PLCC			0
Total	8580		8580
Notional Loan	6006		6006
Notional Equity	2574		2574
Total			0
			0
Debt-Equity Ratio	70:30		70:30
Debt	5798		5798
Equity	2485		2485
Total	8283		8283
Cumulative amount of Depreciation			0
Cumulative Repayment of Loan			0
Initial Spares*			0

1 *Initial spares claimed for existing whose cut off date falls in current tariff period.

Details of remaining assets of the project yet to be commissioned needs to be included in for - 5B

(Petitioner)

Statement of Capital cost

(To be given for relevant dates and year wise)

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

		31.03.2014
A	a) Opening Gross Block Amount as per books	8580
	b) Amount of capital liabilities in A(a) above	297
	c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in A(a) above	847
		0 0
d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	164	
B		
a) Addition in Gross Block Amount during the period		
b) Amount of capital liabilities in B(a) above		
c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in B(a) above	0	
	0	
	0	
	0	
d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above		
C		
a) Closing Gross Block Amount as per books	8580	
b) Amount of capital liabilities in C(a) above	297	
c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in C(a) above	847	
	0	
	0	
	0	
d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in C(a) above	164	

Note:

1. Relevant date/s means date of COD of transmission element/s or Communication system and financial year start date and end date.

(Petitioner)

**Statement of capital works in progress
(To be given for relevant dates and year wise)**

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

		31.03.2014
A	a) Opening CWIP Amount as per books	0
	b) Amount of capital liabilities in a above	0
	c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	0
		0
		0
		0
B	a) Addition/Adjustment in CWIP Amount during the period	
	b) Amount of capital liabilities in a above	
	c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	
C	a) Capitalization/Transfer to Fixed asset of CWIP Amount during the period	
	b) Amount of capital liabilities in a above	0
	c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	
D	a) Closing CWIP Amount as per books	0
	b) Amount of capital liabilities in a above	0
	c) Amount of (i) IDC (ii) FC (iii) FERV & (iv) Hedging cost included in (a) above	0
		0
		0
		0

Note:

1. Relevant date/s means date of COD of transmission element/s or Communication system and financial year start date and end date.

(Petitioner)

Abstract of capital Cost Estimates and Schedule of Commissioning for the New Project/Element

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

New Projects

Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:		
Date of approval of the Capital cost estimates:		
	Present Day Cost	Completed Cost
Price level of approved estimates	As of End of _____Qtr. Of the year _____	As on Scheduled COD of the transmission system/transmission element/ Communication System
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. Cr)		
IDC, IEDC, FC, FERV & Hedging Cost		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs Lakh)		
Total IDC, FC, FERV & Hedging Cost (Rs Lakh)		
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		
COD of transmission system 1 /transmission element 1/Communication System 1		
COD of transmission system 1/ transmission element 2/ Communication System 2		

COD of last transmission system /transmission element / Communication System		

Note:

1. Copy of approval letter by the Board duly certified by the Company secretary should be enclosed.
2. Details of Capital Cost are to be furnished as per FORM-5 or 5A as applicable.
3. Details of IDC & Financing Charges are to be furnished as per FORM-12(B).

(Petitioner)

Element wise Break-up of Project/Asset/Element Cost for Transmission System or Communication System

Name of the Petitioner: Aravali Power Company Private Limited
 Name of the Region: Northern Region
 Name of the Project: IGSTPP-JHAJJAR
 Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Sl. No. (1)	Particulars (2)	Cost in Rs. Lakh						Liabilities/Provisions (5)	Variation (6=3-4-5)	Reasons for Variation (7)	Admitted Cost (8)	
		As per Original Estimates (3)			Actual Capital Expenditure as on COD (4)							
		Quantity	Rate	Estimated Amount	Quantity	Rate	Actual Amount					
A	TRANSMISSION LINE	1			1				0			
1	Preliminary works											
1.1	Design & Engineering											
1.2	Preliminary Investigation, Right of way, forest clearance, PTCC, general civil works etc.				NOT APPLICABLE							
1.3	Total Preliminary works											
	Total of IDC, FC, FERV & Hedging Cost											
14.0	Capital cost including IDC, FC, FERV & Hedging Cost											

Note:

1. In case of cost variation, a detailed note giving reasons of such variation should be submitted clearly indicating whether such cost over-run was beyond the control of the transmission licensee.
2. Seperate details of free hold/lease hold land should be submitted.

(Petitioner)

Break-up of Construction/Supply/Service Packages

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System Jhajjar Mundka 400 kv D/C line

Sr. No.	Name/No. of Construction/supply/service package	Scope of works ¹ (in line with head of cost break-ups as applicable)	Whether awarded through ICB/DCB/ Departmentally/ Deposit Work, etc.	No. of bids received	Date of Award	Date of Start of work	Date of Completion of Work	Value of Award ² in (Rs. Lakh).	Firm or With Escalation in prices	Actual expenditure till the completion or up to COD whichever is earlier (Rs. Lakh)	Taxes & Duties and IEDC (Rs. Lakh)	IDC, FC, FERV & Hedging cost (Rs. Lakh)	Sub-Total (Rs. Lakh)
		NOT APPLICABLE											

Note:

- The scope of work in any package should be indicated in conformity of cost break-up in Form-5B to the extent possible.
- 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 currency, the exchange rate and the date e.g. Rs. 800 lakh. + US\$ 5m = Rs. 3900 Lakh. At US\$ = Rs. 62 as on say 01.04.14.

(Petitioner)

Details of elementwise cost of the project

Name of the Petitioner: Aravali Power Company Private Limited
 Name of the Region: Northern Region
 Name of the Project: IGSTPP-JHAJJAR

Transmission Lines:

S. No.	Name of line	AppORTIONED approved cost (Rs. Lakh)	Revised cost estimates, if applicable (Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition		
					Yes/No	If No, petition No.	
1							
2							
3							
4	NOT APPLICABLE						
-							
-							
-							
S. NO.	Name of Sub-station	AppORTIONED approved cost (Rs. Lakh)	Revised cost estimates, if applicable (Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition		
					Yes/No	If No, petition No.	
1							
2							
3							
4							
-							
-							
S. NO.	Name of Communication System	AppORTIONED approved cost (Rs. Lakh)	Revised cost estimates, if applicable (Rs. Lakh)	Completed Cost (Rs. Lakh)	Covered in the present petition		
					Yes/No	If No, petition No.	
1							
2							
-							
-							

(Petitioner)

Financial Package upto COD

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Transmission Element/ Jhajjar Mundka 400 kv D/C line
Communication system
Project/Element Cost as on COD*:
Date of Commercial operation of the Transmission element#: 01.03.2011
Communication system

Rs. Crores

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
	2	3	4	5	6	7
Loan from PFC	₹	57.98	₹	57.98	₹	
Loan-II						
Loan-III						
and so on						
Total Loans		57.98		57.98		0
Equity-						
Foreign						
Domestic		24.85		24.85		
Total Equity		24.85		24.85		0
Debt : Equity Ratio		70:30		70:30		
Total Cost						
	Debt	Equity	Total			
Add cap for Year-1						
Add cap for Year-2						
Add cap for year-1	Actual	Normative				
Debt						
Equity						
Total						
Add cap for year-2	Actual	Normative				
Debt						
Equity						
Total						
Total Capital Cost with add cap.						

Note:

* Say Rs. 800 Lakh.+ US\$ 5m = Rs. 3900 Lakh including US\$ 5m at an exchange rate of US\$ - Rs. 62

For example: US \$ 5m, etc.

\$ In case of foreign loans exchange rate considered on date of commercial operation.

(Petitioner)

Statement of Additional Capitalisation after COD

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line
COD

Sr. No.	Year	Work/Equipment proposed to be added after COD upto Cut off Date/beyond Cut-off Date	Amount capitalized /Proposed to be capitalized (Rs Lakh)	Justification	Regulations under which covered	Admitted Cost₁ (Rs Lakh)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Transmission Line	0	0			
2						
3						
4						
5						

1. In case the project has been completed and any tariff notification(s) has already been issued in the past, fill column 7 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclosed copy of the tariff Order)

Note:

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries
2. In case initial spares are purchased along with any equipment, then the cost of such spares should be indicated separately.
3. In case of de-capitalisation of assets separate details to be furnished. Further, the original book value and year of capitalisation of such asset to be furnished. Where de-caps are on estimated basis the same to be shown separately.

Financing of Additional Capitalisation

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or communication System : Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Financial Year (Starting from COD)	Actual/Projected					Admitted				
	Year1	Year2	Year3	Year4	Year 5 & So on	Year1	Year2	Year3	Year4	Year 5 & So on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work/Equipment										
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan										
Equity										
Internal Resources										
Others										
Total										

Note:

1. **Year 1** refers to Financial Year of COD inn case of new elements. For existing elements it is from 2014-15 and Year 2, Year 3 etc. are theb subsequent financial year respectively.
2. Loan details for meeting the additional capitalisation requirement should be given as per FORM-9 or 9(A) whichever is relevant.

(Petitioner)

No Additional Capitalisation Proposed

Statement of additional capitalisation during fag end of the project

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
**Name of the Transmission Element or
Communication System** Jhajjar Mundka 400 kv D/C line
COD

Sr. No.	Year	Work/Equipment added five years before the useful life	Amount capitalised /Proposed to be capitalized (Rs Lakh)	Justification for capitalisation proposed	Impact on life extension
1	2	3	4	5	6
1					
2					
3					
4					
5					

Note:

1. Cost Benefit analysis for capital additions done should be submitted along with petition for approval of such schemes
2. *Five years before the completion of useful life.

(Petitioner)

Calculation of Return on Equity

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

S.N o.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1.1	Equity as on COD/Admitted equity (As per petition)	2493.30	2493.30	2493.30	2493.30	2493.30	2493.30
1.2	Notional Equity for Add Cap						
1.3	Total Equity	2493.30	2493.30	2493.30	2493.30	2493.30	2493.30
1.4	Return on Equity*	488.94	488.94	488.94	488.94	488.94	488.94
	Total	488.94	488.94	488.94	488.94	488.94	488.94

Note:

1. *-To be calculated on average equity during the year.

(Petitioner)

Details of Foreign Equity

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

Name of the Petitioner: Aravali Power Company Private Limited
 Name of the Region: Northern Region
 Name of the Project: IGSTPP-JHAJJAR
 Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line
 Exchange Rate on date/s of infusion:

Sl. No.	Financial Year	Year 1				Year 2				Year 3 and so on			
		1	2	3	4	5	6	7	8	9	10	11	12
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs Lakh)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs Lakh)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs Lakh)
	Currency1 ₁												
A.1	At the date of infusion ₂												
2													
	Currency2 ₁												

Note:

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

(Petitioner)

Not Applicable

Details of additional RoE

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

Project/ Element	Completion Time as per Investment approval			Actual Completion time			Qualifying time schedule(as per regulation) (in months)
	Start Date	Scheduled COD (Date)	Months	Start Date	Actual COD (Date)	Months	
1							
2							
3							
4							
....							
.....							

(Petitioner)

Details of Allocation of corporate loans to various transmission elements

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System Jhajjar Mundka 400 kv D/C line

Particulars	Package1	Package2	Package3	Package4	Package5	Remarks
1	2	3	4	5	6	7
Source of Loan ¹	NOT APPLICABLE					
Currency ²						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2014/COD ^{3,4,5,13,15}						
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	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	
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}						
Base Exchange Rate ¹⁶						
Are foreign currency loan hedged?						
If above is yes, specify details ¹⁷						
	Distribution of loan packages to various transmission elements/ Communication system					
Name of the Projects						Total
Transmission element 1/ Communication system 1						
Transmission element 2 / Communication system 2						
Transmission element 3/ Communication system 3 and so on						

Note:

1. Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.
2. Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.
3. Details are to be submitted as on 31.03.2014 for existing assets and as on COD for the remaining assets.
4. Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given separately in the same form.

5. If the Tariff in the petition is claimed separately for various transmission elements/Communication system, details in the Form is to be given separately for all the transmission elements/Communication system in the same form.
6. Interest type means whether the interest is fixed or floating.
7. Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl may also be enclosed.
8. Margin means the points over and above the floating rate.
9. At times caps/floor are put at which the floating rates are frozen. If such a condition exists, sepecify the limits.
10. Moratorium period refers to the period during which loan servicing liability is not required.
11. Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.
12. Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quartely, half yearly, annual etc.
13. Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayment may also be given separately.
14. If the repayment installment amount and repayment date cannot be worked out from the data furnished above, the repayment schedule to be furnished separately.
15. in case of Foreign loan, date of each drawal & repayment of principal and interest along with exchange rate at that date may be given.
16. Base exchange rate means the exchange rate as on 31.03.2004 or as on COD whichever is later.
17. In case of hedging, specify details like type of hedging, period of hedging, cost of hedging, etc.
18. At the time of truing up rate of interest with relevant reset date (if any) to be furnished separately.
19. At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, amount of refinanced loan, terms and conditions of refinanced loan, financing and other charges incurred for refinancing etc.

(Petitioner)

Details of Project Specific Loans

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Crore)						
Particulars	Package1	Package2	Package3	Package4	Package5	Remarks
1	2	3	4	5	6	7
Source of Loan ¹	Power Finance Corporation Limited					
Currency ²	INR					
Amount of Loan sanctioned	Rs. 6011.57 Crore					
Amount of Gross Loan drawn upto (31.03.2014)	Rs. 5950.46 Crore * (including for IGSTPP)					
Interest Type ⁶	Fixed with Reset Clause					
Fixed Interest Rate, if applicable	N/A					
Base Rate, if Floating Interest ⁷	N/A					
Margin, if Floating Interest ⁸	N/A					
Are there any Caps/Floor ⁹	N/A					
If above is yes, specify caps/floor	N/A					
Moratorium Period ¹⁰	48 Months					
Moratorium effective from	28.09.2007					
Repayment Period ¹¹	15 Years					
Repayment effective from	15.10.2012					
Repayment Frequency ¹²	Quarterly					
Repayment Instalment ^{13,14}	60					
Base Exchange Rate ¹⁶	N/A					
Are foreign currency loan hedged?	N/A					
If above is yes, specify details ¹⁷	N/A					
<p>¹ Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.</p> <p>² Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.</p> <p>³ Details are to be submitted as on 31.03.2004 for existing assets and as on COD for the remaining assets.</p> <p>⁴ Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to be given</p> <p>⁵ If the Tariff in the petition is claimed separately for various units, details in the Form is to be given separately for all the units in the same form.</p> <p>⁶ Interest type means whether the interest is fixed or floating.</p> <p>⁷ Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date of drawl</p> <p>⁸ Margin means the points over and above the floating rate.</p> <p>⁹ At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.</p> <p>¹⁰ Moratorium period refers to the period during which loan servicing liability is not required.</p> <p>¹¹ Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.</p> <p>¹² Repayment frequency means the interval at which the debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.</p> <p>¹³ Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayment and its allocation may also be given separately</p> <p>¹⁴ If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to be</p> <p>¹⁵ In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given.</p> <p>¹⁶ Base exchange rate means the exchange rate prevailing as on 31.03.2009 for existing assets and as on COD for the remaining assets.</p> <p>¹⁷ In case of hedging, specify details like type of hedging, period of hedging, cost of hedging etc.</p> <p>¹⁸ At the time of truing up rate of interest with relevant reset date (if any) to be furnished separately</p> <p>¹⁹ At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, amount of</p>						
* Gross Loan Drawn upto COD includes Rs. 57.98 crore towards Transmission Line						
						Petitioner

FORM- 9A(Annexure 1)

Amount in Rs.

DRAWAL OF LOAN FROM PFC	DATE OF DRAWAL	Rate of Interest	Loan Drawal	Interest Drawal	
500000000	14.02.2008	11.03	500000000		
4417808	15.03.2008	11.03		4417808	
1000000000	12.03.2008	11.03	1000000000		
500000000	28.03.2008	11.03	500000000		
17269787	15.04.2008	11.03		17269787	
500000000	01.05.2008	11.03	500000000		
17862855	15.05.2008	11.03		17862855	
350000000	03.06.2008	11.03	350000000		
25996038	10.06.2008	11.03		25996038	
500000000	25.06.2008	11.03	500000000		
29187236	15.07.2008	11.03		29187236	
305266276	15.07.2008	11.03	305266276		
1500000000	30.07.2008	11.03	1500000000		
42852741	16.08.2008	11.03		42852741	
46765615	15.09.2008	11.03		46765615	
500000000	22.09.2008	11.03	500000000		
1000000000	29.09.2008	11.03	1000000000		
56179092	15.10.2008	11.03		56179092	
100000000	31.10.2008	11.03	100000000		
400000000	03.11.2008	11.03	400000000		
65068021	15.11.2008	11.03		65068021	
500000000	20.11.2008	11.03	500000000		
500000000	03.12.2008	11.03	500000000		
73992185	15.12.2008	11.03		73992185	
500000000	18.12.2008	11.03	500000000		
500000000	30.12.2008	11.03	500000000		
89881449	15.01.2009	11.03		89881449	
500000000	20.01.2009	11.03	500000000		
500000000	29.01.2009	11.03	500000000		
750000000	06.02.2009	11.03	750000000		
100949536	16.02.2009	11.03		100949536	
500000000	24.02.2009	11.03	500000000		
750000000	03.03.2009	11.03	750000000		
102950575	16.03.2009	11.03		102950575	
1000000000	20.03.2009	11.03	1000000000		
750000000	30.03.2009	11.03	750000000		
500000000	02.04.2009	11.03	500000000		
130799432	15.04.2009	11.03		130799432	
500000000	16.04.2009	11.03	500000000		
500000000	08.05.2009	11.03	500000000		
143956837	15.05.2009	11.03		143956837	
500000000	25.05.2009	11.03	500000000		
500000000	08.06.2009	11.03	500000000		
156932070	15.06.2009	11.03		156932070	
1000000000	18.06.2009	11.03	1000000000		
500000000	30.06.2009	11.03	500000000		
169057155	15.07.2009	11.03		169057155	
750000000	20.07.2009	11.03	750000000		
750000000	31.07.2009	11.03	750000000		
199465362	17.08.2009	11.03		199465362	
750000000	13.08.2009	11.03	750000000		
750000000	31.08.2009	11.03	750000000		
191289576	15.09.2009	11.03		191289576	

750000000	17.09.2009	11.03	750000000		
750000000	01.10.2009	11.03	750000000		
207809643	15.10.2009	11.03		207809643	
350000000	12.10.2009	11.03	350000000		
750000000	03.11.2009	11.03	750000000		
237485522	16.11.2009	11.03		237485522	
750000000	13.11.2009	11.03	750000000		
230157112	15.12.2009	11.03		230157112	
500000000	29.12.2009	11.03	500000000		
500000000	04.01.2010	11.03	500000000		
246837578	15.01.2010	11.03		246837578	
750000000	12.01.2010	11.03	750000000		
750000000	03.02.2010	11.03	750000000		
264429239	15.02.2010	11.03		264429239	
750000000	15.02.2010	11.03	750000000		
750000000	02.03.2010	11.03	750000000		
253626784	15.03.2010	11.03		253626784	
1000000000	08.03.2010	11.03	1000000000		
500000000	25.03.2010	11.03	500000000		
500000000	30.03.2010	11.03	500000000		
750000000	05.04.2010	11.03	750000000		
305942999	15.04.2010	11.03		305942999	
400000000	27.04.2010	11.03	400000000		
308232410	15.05.2010	11.03		308232410	
500000000	18.05.2010	11.03	500000000		
324480370	15.06.2010	11.03		324480370	
750000000	21.06.2010	11.03	750000000		
322409246	15.07.2010	11.03		322409246	
348251965	16.08.2010	11.03		348251965	
300000000	11.08.2010	11.03	300000000		
500000000	03.09.2010	11.03	500000000		
332583772	15.09.2010	11.03		332583772	
500000000	16.09.2010	11.03	500000000		
345546328	15.10.2010	11.03		345546328	
750000000	12.10.2010	11.03	750000000		
500000000	03.11.2010	11.03	500000000		
366055831	15.11.2010	11.03		366055831	
250000000	15.11.2010	11.03	250000000		
365234456	15.12.2010	11.03		365234456	
500000000	09.12.2010	11.03	500000000		
500000000	04.01.2011	11.03	500000000		
384366173	15.01.2011	11.03		384366173	
500000000	01.02.2011	11.03	500000000		
393176859	15.02.2011	11.03		393176859	
200000000	11.02.2011	11.03	200000000		
500000000	18.02.2011	11.03	500000000		
200000000	25.02.2011	11.03	200000000		
750000000	03.03.2011	11.03	750000000		
350000000	14.03.2011	11.03	350000000		
369718411	15.03.2011	11.03		369718411	
500000000	31.03.2011	11.03	500000000		
500000000	05.04.2011	11.03	500000000		
426322675	15.04.2011	11.03		426322675	
500000000	20.04.2011	11.03	500000000		
500000000	09.05.2011	11.03	500000000		
442805229	16.05.2011	11.03		442805229	
437310396	15.06.2011	11.03		437310396	
500000000	04.07.2011	11.03	500000000		

440264005	15.07.2011	11.03		440264005	
150000000	11.08.2011	11.03	150000000		
260361927	16.08.2011	11.03		260361927	
150000000	12.08.2011	11.03	150000000		
120000000	05.09.2011	11.03	120000000		
234159768	15.09.2011	11.03		234159768	
237255790	15.10.2011	11.03		237255790	
175035866	15.11.2011	11.03		175035866	
150000000	09.12.2011	11.38	150000000		
240622490	15.12.2011	11.38		240622490	
150000000	26.12.2011	11.38	150000000		
276410928	16.01.2012	11.38		276410928	
500000000	13.01.2012	11.38	500000000		
500000000	06.02.2012	11.38	500000000		
253255939	15.02.2012	11.38		253255939	
245176153	15.03.2012	11.38		245176153	
246003496	15.05.2012	11.38		246003496	
170502627	15.06.2012	11.38		170502627	
172120160	16.07.2012	11.38		172120160	
300000000	10.07.2012	11.38	300000000		
177147018	16.08.2012	11.38		177147018	
300000000	31.08.2012	11.38	300000000		
163209672	15.09.2012	11.38		163209672	
166021525	15.10.2012	11.38		166021525	
175528545	15.11.2012	11.38		175528545	
160759102	15.12.2012	11.38		160759102	
178580019	15.01.2013	11.38		178580019	
500000000	12.02.2013	11.38	500000000		
171572196	15.02.2013	11.38		171572196	
128940271	15.03.2013	11.38		128940271	
178791629	15.04.2013	11.38		178791629	
400000000	23.07.2013	11.38	400000000		
250000000	21.10.2013	11.38	250000000		
250000000	18.12.2013	11.38	250000000		
1200000000	28.01.2014	11.38	1200000000		
100000000	28.03.2014	11.22	100000000		59504641770
250000000	02.04.2014	11.22	250000000		
100000000	21.05.2014	10.99	100000000		
150000000	10.07.2014	10.88	150000000		
60004641770			46975266276	13029375494	60004641770

Details of Foreign loans

Name of the Petitioner: Aravali Power Company Private Limited
 Name of the Region: Northern Region
 Name of the Project: IGSTPP-JHAJJAR
 Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line
 Exchange Rate at COD/31.03.2014 whichever is later

Sl. No.	Financial Year (Starting from COD)	Year 1				Year 2 and so on				
		1	2	3	4	5	6	7	8	9
		Particulars	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs Lakh)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs Lakh)
	Currency¹									
A.	At the date of Draw ²									
1										
2	Scheduled repayment date of principal									
3	Scheduled payment date of interest									
4	At the end of Financial year									
B	In case of Hedging ³			Not Applicable						
1	At the date of hedging									
2	Period of hedging									
3	Cost of hedging									

1. Name of the currency to be mentioned e.g. US\$, DM, etc.

2. In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.

3. Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given.

NOTE

In case of refinancing similar details with supporting documents to be furnished

§- Exchange rate at COD/31.03.2004 whichever is later.

Petitioner

Calculation of Weighted Average Interest Rate on Actual Loans

Name of the Company **Aravali Power Company Private Limited**

Transmission line **Jhajjar-Mundaka**

DATE OF COD **01.03.2011**

Amount in Rs. Crore

Particulars (After Reset of Interest Rate in April 2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
3	4	5	6	7	8
PFC Drawals (As per annexure I)					
Gross loan - Opening	5180.00	5180.00	5180.00	5180.00	5180.00
Cumulative repayments of Loans upto previous year	570.73	970.73	1370.73	1770.73	2170.73
Net loan - Opening	4609.27	4209.27	3809.27	3409.27	3009.27
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	400.00	400.00	400.00	400.00	400.00
Net loan - Closing	4209.27	3809.27	3409.27	3009.27	2609.27
Average Net Loan	4409.27	4009.27	3609.27	3209.27	2809.27
Rate of Interest on Loan on annual basis	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	486.34	442.22	398.10	353.98	309.86

PETITIONER

Calculation of Weighted Average Interest Rate on Actual Loans

Name of the Company **ARAVALI POWER COMPANY PRIVATE LIMITED**

Transmission line **Jhajjar-Mundaka**

DATE OF COD **01.03.2011**

Amount in Rs. Crore

Particulars	2013-14 (26.04.2013 to 31.03.2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
1	2	4	5	6	7	8
PFC Drawal -1						
Gross loan - Opening	4550.68	4550.68	4550.68	4550.68	4550.68	4550.68
Cumulative repayments of Loans upto previous year	281.61	570.73	970.73	1370.73	1770.73	2170.73
Net loan - Opening	4269.06	3979.94	3579.94	3179.94	2779.94	2379.94
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	289.12	400.00	400.00	400.00	400.00	400.00
Net loan - Closing	3979.94	3579.94	3179.94	2779.94	2379.94	1979.94
Average Net Loan	4124.50	3779.94	3379.94	2979.94	2579.94	2179.94
Rate of Interest on Loan on annual basis	10.81%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	445.86	416.93	372.81	328.69	284.57	240.45
PFC Drawal -2						
Gross loan - Opening	35.00	35.00	35.00	35.00	35.00	35.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	35.00	35.00	35.00	35.00	35.00	35.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	35.00	35.00	35.00	35.00	35.00	35.00
Average Net Loan	35.00	35.00	35.00	35.00	35.00	35.00
Rate of Interest on Loan on annual basis	10.81%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	3.78	3.86	3.86	3.86	3.86	3.86
PFC Drawal -3						
Gross loan - Opening	36.97	36.97	36.97	36.97	36.97	36.97
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	36.97	36.97	36.97	36.97	36.97	36.97
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	36.97	36.97	36.97	36.97	36.97	36.97
Average Net Loan	36.97	36.97	36.97	36.97	36.97	36.97
Rate of Interest on Loan on annual basis	10.81%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	4.00	4.08	4.08	4.08	4.08	4.08

Particulars	2013-14 (26.04.2013 to 31.03.2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
1	2	4	5	6	7	8
PFC Drawal -4						
Gross loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	50.00	50.00	50.00	50.00	50.00	50.00
Average Net Loan	50.00	50.00	50.00	50.00	50.00	50.00
Rate of Interest on Loan on annual basis	10.81%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	5.41	5.52	5.52	5.52	5.52	5.52
PFC Drawal -5						
Gross loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	50.00	50.00	50.00	50.00	50.00	50.00
Average Net Loan	50.00	50.00	50.00	50.00	50.00	50.00
Rate of Interest on Loan on annual basis	10.80%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	5.40	5.52	5.52	5.52	5.52	5.52
PFC Drawal -6						
Gross loan - Opening	42.63	42.63	42.63	42.63	42.63	42.63
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	42.63	42.63	42.63	42.63	42.63	42.63
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	42.63	42.63	42.63	42.63	42.63	42.63
Average Net Loan	42.63	42.63	42.63	42.63	42.63	42.63
Rate of Interest on Loan on annual basis	10.78%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	4.60	4.70	4.70	4.70	4.70	4.70
PFC Drawal -7						
Gross loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	50.00	50.00	50.00	50.00	50.00	50.00
Average Net Loan	50.00	50.00	50.00	50.00	50.00	50.00
Rate of Interest on Loan on annual basis	10.77%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	5.39	5.52	5.52	5.52	5.52	5.52

Particulars	2013-14 (26.04.2013 to 31.03.2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
1	2	4	5	6	7	8

PFC Drawal -8						
Gross loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	50.00	50.00	50.00	50.00	50.00	50.00
Average Net Loan	50.00	50.00	50.00	50.00	50.00	50.00
Rate of Interest on Loan on annual basis	10.88%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	5.44	5.52	5.52	5.52	5.52	5.52

PFC Drawal -9						
Gross loan - Opening	44.28	44.28	44.28	44.28	44.28	44.28
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	44.28	44.28	44.28	44.28	44.28	44.28
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	44.28	44.28	44.28	44.28	44.28	44.28
Average Net Loan	44.28	44.28	44.28	44.28	44.28	44.28
Rate of Interest on Loan on annual basis	10.97%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	4.86	4.88	4.88	4.88	4.88	4.88

PFC Drawal -10						
Gross loan - Opening	43.73	43.73	43.73	43.73	43.73	43.73
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	43.73	43.73	43.73	43.73	43.73	43.73
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	43.73	43.73	43.73	43.73	43.73	43.73
Average Net Loan	43.73	43.73	43.73	43.73	43.73	43.73
Rate of Interest on Loan on annual basis	11.12%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	4.86	4.82	4.82	4.82	4.82	4.82

PFC Drawal -11						
Gross loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	50.00	50.00	50.00	50.00	50.00	50.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	50.00	50.00	50.00	50.00	50.00	50.00
Average Net Loan	50.00	50.00	50.00	50.00	50.00	50.00
Rate of Interest on Loan on annual basis	11.05%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	5.53	5.52	5.52	5.52	5.52	5.52

Particulars	2013-14 (26.04.2013 to 31.03.2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
1	2	4	5	6	7	8
PFC Drawal -12						
Gross loan - Opening	44.03	44.03	44.03	44.03	44.03	44.03
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	44.03	44.03	44.03	44.03	44.03	44.03
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	44.03	44.03	44.03	44.03	44.03	44.03
Average Net Loan	44.03	44.03	44.03	44.03	44.03	44.03
Rate of Interest on Loan on annual basis	10.98%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	4.83	4.86	4.86	4.86	4.86	4.86

PFC Drawal -13						
Gross loan - Opening	15.00	15.00	15.00	15.00	15.00	15.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	15.00	15.00	15.00	15.00	15.00	15.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	15.00	15.00	15.00	15.00	15.00	15.00
Average Net Loan	15.00	15.00	15.00	15.00	15.00	15.00
Rate of Interest on Loan on annual basis	10.82%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	1.62	1.65	1.65	1.65	1.65	1.65

PFC Drawal -14						
Gross loan - Opening	26.04	26.04	26.04	26.04	26.04	26.04
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	26.04	26.04	26.04	26.04	26.04	26.04
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	26.04	26.04	26.04	26.04	26.04	26.04
Average Net Loan	26.04	26.04	26.04	26.04	26.04	26.04
Rate of Interest on Loan on annual basis	10.81%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	2.81	2.87	2.87	2.87	2.87	2.87

PFC Drawal -15						
Gross loan - Opening	15.00	15.00	15.00	15.00	15.00	15.00
Cumulative repayments of Loans upto previous year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Opening	15.00	15.00	15.00	15.00	15.00	15.00
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	0.00	0.00	0.00	0.00	0.00	0.00
Net loan - Closing	15.00	15.00	15.00	15.00	15.00	15.00
Average Net Loan	15.00	15.00	15.00	15.00	15.00	15.00
Rate of Interest on Loan on annual basis	10.82%	11.03%	11.03%	11.03%	11.03%	11.03%
Interest on Loan	1.62	1.65	1.65	1.65	1.65	1.65

Particulars	2013-14 (26.04.2013 to 31.03.2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
1	2	4	5	6	7	8

Particulars	2013-14 (26.04.2013 to 31.03.2014)	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
Total Loan						
Gross loan - Opening	5180.00	5180.00	5180.00	5180.00	5180.00	5180.00
Cumulative repayments of Loans upto previous year	281.61	570.73	970.73	1370.73	1770.73	2170.73
Net loan - Opening	4898.39	4609.27	4209.27	3809.27	3409.27	3009.27
Add: drawal(s) during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Less : Repayment(s) of Loans during the year	289.12	400.00	400.00	400.00	400.00	400.00
Net loan - Closing	4609.27	4209.27	3809.27	3409.27	3009.27	2609.27
Average Net Loan	4753.83	4409.27	4009.27	3609.27	3209.27	2809.27
Rate of Interest on Loan on annual basis	10.8198%	11.0300%	11.0300%	11.0300%	11.0300%	11.0300%
Interest on Loan	514.35	486.34	442.22	398.10	353.98	309.86

Loans in Foreign Currency

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System Jhajjar Mundka 400 kv D/C line

Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
Foreign Loan-1 (USD in Lakh) Exchange rate						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
<i>Loan repayment effective from (date to be indicated)</i>						
Foreign Loan-2 (USD in Lakh) Exchange rate						
Gross loan - Opening						
Cumulative repayments of Loans upto previous year						
Net loan - Opening						
Add: Drawal(s) during the Year						
Less: Repayment (s) of Loans during the year						
Net loan - Closing						
Average Net Loan						
Rate of Interest on Loan on annual basis						
Interest on loan						
<i>Loan repayment effective from (date to be indicated)</i>						
Foreign Loan-3 (USD in Lakh) Exchange rate						
....						
....						

NOT APPLICABLE

(Petitioner)

Calculation of Interest on Normative Loan

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7
Gross Normative loan - Opening	5817.70	5817.70	5817.70	5817.70	5817.70	5817.70
Cumulative repayment of Normative Loan upto previous year	902.56	1341.38	1780.20	2219.02	2657.84	3096.66
Net Normative loan - Opening	4915.14	4476.32	4037.50	3598.68	3159.86	2721.04
Increase/Decrease due to ACE/de- capitalization during the Year	0.00	0.00	0.00	0.00	0.00	0.00
Repayments of Normative Loan during the year	438.82	438.82	438.82	438.82	438.82	438.82
Net Normative loan - Closing	4476.32	4037.50	3598.68	3159.86	2721.04	2282.22
Average Normative Loan	4695.73	4256.91	3818.09	3379.27	2940.45	2501.63
Weighted average Rate of Interest of actual Loans	11.035%	11.030%	11.030%	11.030%	11.030%	11.030%
Interest on Normative loan	518.17	469.54	421.14	372.73	324.33	275.93

Note:

1. At the time of true-up net savings as a result of refinancing of loans may be provided along with adjustments of sharing.

(Petitioner)

Calculation of Depreciation Rate

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Sl. no.	Name of the Assets ₁	Gross Block as on 31.03.2014 or as on COD, whichever is later and subsequently for each year thereafter upto 31.3.19	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount 2014-15	Depreciation Amount 2015-16	Depreciation Amount 2016-17	Depreciation Amount 2017-18	Depreciation Amount 2018-19
	1	2	3	4= Col.2 X Col.3				
1	Transmission line	8580	5.28%	453	453	453	453	453
2	Notional IDC	28	5.28%	1.478	1.478	1.478	1.478	1.478
	TOTAL	8608		455	455	455	455	455
	Weighted Average Rate of Depreciation (%)							5.28

Note:

1. Name of the Assets should conform to the description of the assets mentioned in Depreciation Schedule appended to the Notification.

(Petitioner)

Statement of Depreciation

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Sl. No.	Particulars	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Opening Capital Cost	8311.00	8311.00	8311.00	8311.00	8311.00	8311.00
2	Closing Capital Cost	8311.00	8311.00	8311.00	8311.00	8311.00	8311.00
3	Average Capital Cost	8311.00	8311.00	8311.00	8311.00	8311.00	8311.00
4	Freehold land						
5	Rate of depreciation	5.28%	5.28%	5.28%	5.28%	5.28%	5.28%
6	Depreciable value - TOTAL	7479.90	7479.90	7479.90	7479.90	7479.90	7479.90
7	Balance useful life at the beginning of the period	32.92	31.92	30.92	29.92	28.92	27.92
8	Remaining depreciable value	6577.34	6138.52	5699.70	5260.88	4822.06	4383.24
9	Depreciation (for the period)	438.82	438.82	438.82	438.82	438.82	438.82
10	Depreciation (annualised)	438.82	438.82	438.82	438.82	438.82	438.82
11	Cumulative depreciation at the end of the period	1341.38	1780.20	2219.02	2657.84	3096.66	3535.48
12	Less: Cumulative depreciation adjustment on account of de- capitalisation	0.00	0.00	0.00	0.00	0.00	0.00
13	Net Cumulative depreciation at the end of the period	1341.38	1780.20	2219.02	2657.84	3096.66	3535.48

1. In case of details of FERV and AAD, give information for the applicable period.

(Petitioner)

Statement of De-capitalisation

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line
COD _____

Sr. No.	Year of De-capitalisation	Work/Equipment proposed to be De-capitalised	Year of capitalisation of asset/equipment being decapitalised	Original Book Value of the asset being decapitalised	Debt Equity ratio at the time of capitalisation	Cumulative Depreciation corresponding to decapitalisation	Cumulative Repayment of Loan corresponding to decapitalisation	Justification	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1									
2									
3		NOT APPLICABLE							
4		NOT APPLICABLE							
5		NOT APPLICABLE							

(Petitioner)

**PART-III
FORM-11**

Calculation of Interest on Working Capital

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Sl. No.	Particulars	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	2	3	4	5	6	7	8
1	O & M Expenses	4.28	3.87	4.00	4.13	4.27	4.41
2	Maintenance Spares	7.71	6.96	7.20	7.44	7.68	7.94
3	Receivables	251.97	246.41	238.43	230.46	222.49	214.54
4	Total Working Capital	263.96	257.24	249.63	242.02	234.44	226.89
5	Rate of Interest	11.00%	13.50%	13.50%	13.50%	13.50%	13.50%
6	Interest on Working Capital	29.04	34.73	33.70	32.67	31.65	30.63

(Petitioner)

Details of time over run

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project/element: Jhajjar Mundka 400 KV D/C Transmission line

S.No	Description of Activity/Works/ Service	Original Schedule (As per Planning)		Actual Schedule (As per Actual)		Time Over-Run	Agency responsible and whether such time over run was beyond the control of the Transmission Licensee	Reasons for delay	Other Activity affected (Mention Sr No of activity affected)
		Start Date	Completion Date	Start Date	Completion Date	Months			
1									
2	NOT APPLICABLE								
3									
4									
5									
6									
7									

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

(Petitioner)

Incident Expenditure during Construction

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line
Date of Commercial Operation: _____

(Amount in Rs. Lakh)

Sl. No.	Parameters	Year -1	Year-2	Year 3	Year-4	Year-5
A	Expenses:					
1	Employees' Remuneration & Benefits	NOT APPLICABLE				
2	Finance Costs					
3	Water Charges					
4	Communication Expenses					
5	Power Charges					
6	Other Office and Administrative Expenses					
7	Others (Please Specify Details)					
8	Other pre-Operating Expenses					
					
B	Total Expenses					
	Less: Income from sale of tenders					
	Less: Income from guest house					
	Less: Income recovered from Contractors					
	Less: Interest on Deposits					
					

Note: IEDC should be duly reconciled with the corresponding figures of Auditor's Certificate.

(Petitioner)

Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

Sl. No.	Draw Down Particulars	Quarter 1			Quarter n (COD)		
		Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs. Lakh)	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee (Rs. Lakh)
1	Loans						
1.1	Foreign Loans						
1.1.1	Foreign Loan 1						
1.1	Total Foreign Loans						
	Draw down Amount	NOT APPLICABLE					
	IDC						
	Financing charges						
	Foreign Exchange Rate Variation						
	Hedging Cost						
1.2	Indian Loans						
1	Total of Loans drawn						
	IDC						
	Financing charges						
	Foreign Exchange Rate Variation						
	Hedging Cost						
2	Equity						
2.1	Foreign equity drawn						
2.2	Indian equity drawn						
	Total equity deployed						

Note:

1. Drawl of debt and equity shall be on pari-passu basis quarter wise to meet the commissioning schedule. Drawl of higher equity in the beginning is permissible.
2. Applicable interest rates including reset dates used for above computation may be furnished separately.
3. In case of multi element project details of capitalization ratio used to be furnished.

(Petitioner)

Breakup of Initial Spares

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Particulars	Plant & Machinery Cost (excluding IDC and IEDC) Upto DOCO	IDC	IEDC	Year wise additional Capital expenditure up to cut off date			Total Cost	Initial spares claimed	
				Year -1	Year-2	Year-3		Amount	%
Transmission Line	7569	847	164				8580	52.36	0.61%
Transmission Substation (Green Field/Brown Field)									
PLCC									
Series Compensation devices									
HVDC Station									
Gas Insulated Substation									
Communication System									

Initial Spares indicated above is the Total Cost of Mandatory Spares for M/s. PGCIL, including Fee and applicable Taxes during 2013-14 and 2014-15 (till Aug.-2014)

Note:

1. Details to furnished as per Regulation 13.
2. Corresponding figures of initial spares included in each transmission system may be provided separately.

(Petitioner)

Initial Spares figures if any to be given by Sh. P.L. Gurjar, Site in consultation with HOD-Finance

0.61%

**PART-III
FORM-14**

Other Income as on COD

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
**Name of the Transmission Element or
Communication System** Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

Sl. No.	Parameters	Existing 2013-14	2014-15	2015-16	2016-17	2017-18	2018-19
1	Interest on Loans and advances	NOT APPLICABLE					
2	Income from sale of scrap						
3	Misc. receipts (Please Specify Details)						
...	...						
...	... (add)						

(Petitioner)

**PART-III
FORM-15**

Actual cash expenditure

Name of the Petitioner: Aravali Power Company Private Limited
Name of the Region: Northern Region
Name of the Project: IGSTPP-JHAJJAR
Name of the Transmission Element or Communication System: Jhajjar Mundka 400 kv D/C line

(Amount in Rs. Lakh)

	Quarter-I	Quarter- II	Quarter-III	Quarter-n (COD)
Payment to contractors/suppliers				
% of fund deployment				

Note: If there is variation between payment and fund deployment justification need to be furnished.

(Petitioner)