

5. All differences/ disputes between the parties arising out of or in connection with this Agreement shall be resolved in terms of the provisions of Electricity Act, 2003.
6. This Agreement shall be valid from the date of signing of this Agreement till the validity of open access.

In witness whereof both the parties have executed this Agreement through their authorized representative.

1. Witness

Signature.....
 Name..... प्रशांत शर्मा
 PRASHANT SHARMA
 अपर महाप्रबन्धक (वाणिज्यिक)/Addl. General Manager (Comml.)
 Designation..... पावर ग्रीड कॉर्पोरेशन ऑफ इंडिया लि.
 Power Grid Corporation of India Ltd.
 प्लॉट सं०-2, सेक्टर-29, गुरुगांव-122 001, हरियाणा.
 Plot No.-2, Sector-29, Gurgaon-122 001, HARYANA.

2. Witness

Signature.....
 Name..... V.K. PADHA
 Designation..... Acqm/ Council

For and on behalf of

POWERGRID CORPN.OF INDIA LTD.

Signature.....

Name..... नमेश चन्द्र / UMESH CHANDRA

कार्यपालक निदेशक (वाणिज्यिक)
 Executive Director (Commercial)
 Designation..... पावर ग्रीड कॉर्पोरेशन ऑफ इंडिया लि.
 Power Grid Corporation of India Ltd.
 प्लॉट सं०-2, सेक्टर-29, गुरुगांव-122 001 (हरियाणा)
 Plot No.-2, Sector-29, Gurgaon-122 001 (HARYANA)

For and on behalf of
 NTPC LIMITED

Signature.....

Name..... एस. एन. गोयल
 S.N. GOEL
 महाप्रबन्धक (वाणिज्यिक)
 General Manager (Commercial).
 Designation..... एनटीपीसी लिमिटेड / NTPC Limited

ATTESTED

Authorised Signatory
 Power Grid Corporation of India Ltd.
 Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)



CMD
PGCIL
Gurgaon

Sub : Prior approval of the Government under Section 68 of the Electricity Act, 2003.

Sir,

I am directed to refer to PGCIL's letter No. C/CP/Korba-III dated 4.12.2008 and in partial modification of Ministry of Power's letter of even number dated 25.10.2007 on the above subject, the prior approval of the Central Government under sub-section (1) of Section 68 of the Electricity Act, 2003 is hereby accorded with the modified scope of works as decided in the joint meeting of SCM of WR and NR held on 22.7.2008 for "Transmission System associated with Korba-III (1x5000 MW) Projects" as mentioned below:

Transmission line

Korba-III STPS switchyard-Raipur 400 kV D/C

The following may be ensured prior to implementation:

Korba-III is a merchant power plant of NTPC. As such Korba-III-Raipur 400 kV D/C is a dedicated line and the responsibility of constructing this line lies with the generating company in this case NTPC. Since PGCIL is constructing this line on behalf of NTPC, it has to be ensured that NTPC agrees to bear full transmission cost/transmission charges for this line along with the other regional transmission charges. Therefore, prior to implementing the line PGCIL has to ensure that necessary agreements/BPTA with NTPC are in place so that there is no ambiguity at a later date on this account.

The approval is subject to compliance of (a) the requirement of the relevant provisions of the Electricity Act, 2003, as amended from time to time and the rules and regulations framed thereunder and (b) the rules governing the overhead lines as specified in the Indian Electricity Rules, 1956 till they are substituted by corresponding rules framed under the Electricity Act, 2003.

This approval is also subject to the following conditions:

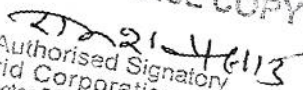
1. The implementing agency will commence construction of the project within 3 years, unless this term is extended by the Ministry of Power.
2. Ministry of Power may withdraw the approval before the expiry of the period of 3 years after giving a one-month notice.

Yours faithfully


(Subhash Chander)

Under Secretary to Govt. of India

ATTESTED TRUE COPY


Authorised Signatory
Power Grid Corporation of India Ltd
Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)



2. The extant guidelines on allocation of power have also been taken into cognizance in the above allocation.

3. The aforesaid allocation will be operative for pro-rata distribution to the quantum of electricity mentioned above alongwith distribution of unallocated power from the declared capacity of the generating station based on auxiliary consumption, planned outage, forced outage, availability of fuel / water etc. and after taking into account transmission losses.

4. The above allocation will further be subject to the Power Purchase Agreements (PPAs) entered into by NTPC Limited with State Power Utilities/ Union Territory and will further be subject to the beneficiaries ensuring compliance with the financial and commercial terms (including coverage for Letter of Credit) of the PPA signed with NTPC Ltd., the tariff notification and any other directives/ guidelines issued by the Government of India /Central Electricity Regulatory Commission from time to time.

5. In case of failure of the beneficiaries adhering to the condition mentioned above, NTPC Ltd. may shut off or restrict power supply from the power station and also reallocate the power in case beneficiaries default in payment or where they have not opened LCs of an adequate amount in favour of NTPC Ltd. NTPC Ltd. would inform Member Secretary of the Concerned Regional Power Committee of the revised allocation of power in respect of the defaulting beneficiaries. Member Secretary of the concerned Regional Power Committee would reallocate the surplus power to the other beneficiaries based on grid security and power situation.

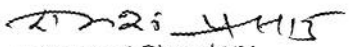
6. This issues with the approval of the Minister of Power.

Yours faithfully,

(K.C. Sharma)

Under Secretary to the Government of India
Telefax: 23719710

ATTESTED TRUE COPY


Authorized Signatory
Power Grid Corporation of India Ltd.
Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)

UMAMAHESWARA RAO & CO.
CHARTERED ACCOUNTANTS

PARTNERS

V. UMAMAHESWARA RAO B.Sc., F.C.A.,
G.V. PURNA CHANDRA RAO B.Com., F.C.A.,
RAVI VADLAMANI B.Com., A.C.S., F.C.A.,
G. SIVARAMAKRISHNA PRASAD, B.Com., F.C.A.,
L. SHYAMA PRASAD, B.Com., F.C.A.,



G. BABU SRIKAR, B.Com., F.C.A.,
S. VENU GOPAL, B.Com., F.C.A., D.I.S.A.,
R.R. DAKSHINA MURTHY, B.Com., F.C.A., D.I.S.A.,
P. KISHORE, B.Com., F.C.A., D.I.S.A.,
N. MUKTESWARA RAO, B.Com., F.C.A., D.I.S.A.,
A. SIVA PRASAD, B.Com., F.C.A., D.I.S.A., Grad. CWA.

CERTIFICATE OF CAPITAL COST

Project Name:

Korba-Raipur 400 KV D/C Transmission Line associated with Korba-III Project

Date of Commercial Operation:

Anticipated 01.06.2011

PARTICULARS	CAPITAL COST ***	IDC	IEDC	(RS./ LAKHS)
				TOTAL
Expenditure Upto 31.3.2010	9,553.59	285.86	38.12	9,877.57
Expenditure 01.04.2010 to 31.01.2011	7,417.02	761.39	155.01	8,333.42
Estimated Expenditure 01.02.2011 to 31.3.2011	767.99	152.28	31.00	951.27
Estimated Expenditure 01.04.2011 to 31.5.2011	795.80	152.28	31.00	979.08
Estimated Expenditure 01.06.2011 to 31.03.2012	1,791.19	-	-	1,791.19
	20,325.59	1,351.81	255.13	21,932.53

This is to certify that the above summary has been prepared on the basis of the information drawn from the Audited Statement of Accounts of Power Grid Corporation of India Ltd., Western Region, Nagpur up to 31-3-2010. The expenditure from 01-04-2010 to 31-01-2011 have been verified from the books of account of the project. The estimated expenditure is based on the details furnished by the management.

Place : NAGPUR
Date : 18-02-2011

For UMAMAHESWARA RAO & CO.,
Chartered Accountants



P. KISHORE
Partner

HEAD OFFICE HYDERABAD
BRANCHES: GUNTUR
HYDERABAD
GUDIVADA
VISAKHAPATNAM

Flat No. 5-11, D' Block, 8-3-324, Krishna Apartments, Yellareddyguda Lane, Amteerpet x Roads, Hyderabad - 500 074
Tel: 040-23751833 Telefax: 23751825 e-mail: uspcas@yahoo.com
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Swatvam street, Gopurankarapuram, Guduvada - 521 301, Tel: 08674-242144, 242174. usgnt@yahoo.co.in
SO 38-9, P.P.1 Colony, Saethammadhara, Visakhapatnam - 530 013 Mobile: +91 9675469666 E-mail: ucovsp@yahoo.co.in

Power Grid Corporation of India Ltd.
Authorized Signatory
Sector-29, Gurgaon-122001

UMAMAHESWARA RAO & CO. CHARTERED ACCOUNTANTS

PARTNERS

V. UMAMAHESWARA RAO B.Sc., F.C.A.,
G.V. PURNA CHANDRA RAO B.Com., F.C.A.,
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A. SIVA PRASAD, B.Com., F.C.A., DISA, Grad. CWA.

CERTIFICATE OF CAPITAL COST

Project Name: **Korba-Raipur 400 KV D/C Transmission Line associated with Korba-III Project**
Date of Commercial Operation: **Anticipated 01.06.2011**

(RS./ LAKHS)

PARTICULARS	Expenditure upto 31.3.2010 ***	Expenditure From 01.04.2010 to 31.01.2011	Estimated Exp From 01.02.2011 to 31.03.2011	Estimated Exp From 01.04.2011 to 31.05.2011 (DOCO)	Estimated Exp From 01.06.2011 to 31.03.2012	Total Expenditure
LAND	-	-	-	-	-	-
BUILDING, CIVIL WORKS & COLONY	-	-	-	-	-	-
TRANSMISSION LINE	9,877.57	8,333.42	951.27	938.73	1,790.57	21,891.56
SUB-STATION	-	-	-	-	-	-
PLCC	-	-	-	40.35	0.62	40.97
	9,877.57	8,333.42	951.27	979.08	1,791.19	21,932.53

This is to certify that the above summary has been prepared on the basis of the information drawn from the Audited Statement of Accounts of Power Grid Corporation of India Ltd., Western Region, Nagpur up to 31-3-2010. The expenditure from 01-04-2010 to 31-01-2011 have been verified from the books of account of the project. The estimated expenditure is based on the details furnished by the management.

Place : NAGPUR
Date : 18-02-2011

For UMAMAHESWARA RAO & CO.,
Chartered Accountants



P. KISHORE
Partner

ATTESTED TRUE COPY

HEAD OFFICE HYDERABAD

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Power Grid Corporation of India Ltd
Plot No. 2, Sector-29, Gurgaon, Haryana

29

Summary Sheet

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **WESTERN REGION**
 Name of the Project: **KORBA III**
 Name of the Transmission Element: **400 kV D/C Korba-Raipur Ant.:DOCO :01-JUN-2011**

Sl.No.	Particulars	Form No.	Existing 2008-2009	2009-2010	2010-2011	2011-2012(Pro Rata)	2012-2013	2013-2014
1	Depreciation	3	0.00	0.00	0.00	925.98	1,158.47	1,158.47
2	Interest on Loan	FORM-12	0.00	0.00	0.00	1,047.78	1,220.46	1,117.78
3	Return on Equity	FORM-13A	0.00	0.00	0.00	948.97	1,187.24	1,187.24
4	Interest On Working Capital	FORM-01A	0.00	0.00	0.00	71.32	87.34	85.55
5	O & M Expenses	FORM-13B	0.00	0.00	0.00	124.08	157.40	166.32
6	Total		0.00	0.00	0.00	3,118.13	3,810.91	3,715.36

[Signature]
Petitioner



Calculation Of Return On Equity

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **WESTERN REGION**
 Name of the Project: **KORBA III**
 Name of the Transmission Element: **400 KV D/C Korba-Raipur Ant.:DOCO :01-JUN-2011**

Particulars	(Rs in Laacs)						
	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	
I	2	3	4	5	6	7	
Equity as DOCO				6,042.34	6,579.70	6,579.70	
Notional Equity for Add Cap				537.36			
Total Equity				6,579.70	6,579.70	6,579.70	
Return on Equity @ 18.044%				948.97	1,187.24	1,187.24	

[Handwritten Signature]
Petitioner



Details of Transmission Lines And Substations

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **WESTERN REGION**
 Name of the Project: **KORBA III**
 Name of the Transmission Element: **400 kV D/C Korba-Raipur Ant.:DOCO :01-JUN-2011**

Transmission Lines										
Sl.No.	Name of Line	Type of Line AC/HVDC	S/C or D/C	No. of Sub-Conductors	Voltage level kV	Line Length (Km.)	Ant. Date of Commercial operation	Covered in the present petition		
								Yes/No	If No, petition No.	
1	400 kV D/C Korba-Raipur *	AC	D/C	2	400	211.858	01-JUN-2011	Yes		
2	400 kV D/C Korba-Raipur *	AC	S/C	2	400	0.973	01-JUN-2011	Yes		
Substations										
Sl.No.	Name of Sub-Station	Type of Substation Conventional /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.

* With the conceptualization of Bus-Splitting scheme at Raipur S/S, 400 kV Bhalai-Raipur-Bhatapara TL is getting de-LiL.Oed from Raipur S/S thereby generating two nos. of spare bays, which shall be used for termination of 400 kV D/C Korba-Raipur TL at Raipur end.

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Petitioner



Normative Parameters considered For tariff calculations

Name of the Transmission Licensee:

POWERGRID CORPORATION OF INDIA LTD.

Name of Region:

WESTERN REGION

Name of the Project:

KORBA III

Name of the Transmission Element:

400 kV D/C Korba-Raipur Ant.: DOCO :01-JUN-2011

Particulars	Unit	Year Ending March							
		Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014		
1	2	3	4	5	6	7	8		
Base Rate of Return on Equity	%				17.481	17.481	17.481		
Tax Rate	%				11.33	11.33	11.33		
Target Availability	%				98.00	98.00	98.00		
Normative O&M per Km.	Rs. lacs			Given Below					
Normative O&M per bay	Rs. lacs			Given Below					
Spares for WC as % of O&M	%				15.00	15.00	15.00		
Relevables in Months for WC	months				2.00	2.00	2.00		
Prime lending Rate of SBI as on 01-APR-2009	%				13.00	13.00	13.00		
Norms for O&M expenditure for Transmission System									
		2009-10	2010-11	2011-12	2012-13	2013-14			
Norms for sub-station (Rs Lakh per bay)									
765 KV		73.36	77.56	81.99	86.68	91.64			
400 KV		52.40	55.40	58.57	61.92	65.46			
220 KV		36.68	38.78	41.00	43.34	45.82			
132 KV and below		26.20	27.70	29.28	30.96	32.73			
Norms for AC and HVDC Lines (Rs Lakhs per km)									
Single Circuit (Bundled conductor with four or more sub-conductors)		0.537	0.568	0.600	0.635	0.671			
Single Circuit (Twin & Triple Conductor)		0.358	0.378	0.400	0.423	0.447			
Single Circuit (Single Conductor)		0.179	0.189	0.200	0.212	0.224			
Double Circuit (Bundled conductor with four or more sub-conductors)		0.940	0.994	1.051	1.111	1.174			
Double Circuit (Twin & Triple Conductor)		0.627	0.663	0.701	0.741	0.783			
Double Circuit (Single Conductor)		0.269	0.284	0.301	0.318	0.336			
Norm for HVDC Stations									
HVDC Back-to-back stations (Rs lakh per 500 MW)		443.00	468.00	495.00	523.00	553.00			
Rihand-Daabri HVDC bipole scheme (Rs Lakh)		1450.00	1533.00	1621.00	1713.00	1811.00			
Talcher-Kolar HVDC bipole scheme (Rs Lakh)		1699.00	1796.00	1899.00	2008.00	2122.00			



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Petitioner

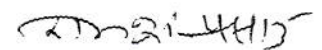
Abstract of Capital Cost Estimates and Schedule of Commissioning for the New projects

Name of the Transmission Licensee : POWER GRID CORPORATION OF INDIA
Name of Region: WESTERN
Name of the Project : Transmission System Associated with Korba-III
Name of Element: 400kV D/C Korba-Raipur TL (3&4)
Capital Cost Estimates

Board of Director/ Agency approving the Capital cost estimates:	Govt of India	
Date of approval of the Capital cost estimates:	23th June 2006	
	Present Day Cost	Completed Cost
Price level of approved estimates	As of End of 4th Qtr. Of the year 2005	As on Scheduled COD of the System
Foreign Exchange rate considered for the Capital cost estimates		
Capital Cost excluding IDC & FC		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Cr.)		
Capital cost excluding IDC & FC (Rs. Cr)	258.84	294.36
IDC & FC		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Cr.)		
Total IDC & FC (Rs.Cr.)	17.84	19.74
Rate of taxes & duties considered		
Capital cost Including IDC & FC		
Foreign Component, if any (In Million US \$ or the relevant Currency)		
Domestic Component (Rs. Cr.)		
Total Capital cost Including IDC & FC (Rs. Cr)	276.68	314.10
Schedule of Commissioning		
(Scheduled DOCO elementwise)		
COD of Unit-1/Block-1	22.06.2009	01.09.2010
COD of Unit-1/Block-2		
COD of Unit-1/Block-3		
COD of Unit-1/Block-4		

Note:

- Copy of approval letter should be enclosed.
- Details of Capital cost are to be furnished as per FORM-5B or 5C as applicable.
- Details of IDC & Financing Charges are to be furnished as per FORM-16.



Petitioner



Element wise Break-up of Project Cost for Transmission System

Name of the Transmission Licensee : POWER GRID CORPORATION OF INDIA LTD.
 Name of Region: WESTREN
 Name of the Project : Transmission System Associated with Korba-III
 Name of the Element: 400kV D/C Korba-Raipur TL (3&4)

Sl.No.	Break Down	As per Original Estimate	As on COD	Liabilities / Provision	Variation	Reasons for Variation
1	2	3	4	5	6=(3-4-5)	7
A	TRANSMISSION LINE					
1.0	Preliminary works					
1.1	Design & Engineering					
1.2	Preliminary investigation, Right of way, forest clearance, PTCC, general civil works, compensation etc.	1028.53	827.02	147.25	54.26	Amount towards Crop Compensation got decreased which is as per actual compensation paid based on assessment by Revenue Authorities.
1.3	Total Preliminary works	1028.53	827.02	147.25	54.26	
2.0	Transmission Lines material					
2.1	Towers Steel	7694.17	6009.12	580.66	1104.39	Tower weight got reduced from 10598 MT to 9018.278 MT. Variation in weight is due to reduction in Tower quantity and line length.
2.2	Conductor	7722.25	7642.54	14.01	65.70	minor variation
2.3	Earth Wire	214.28	179.42	17.34	17.52	Total quantity of Earthwire got reduced from 436 Km to 425.761 Km due to reduction in line length.
2.4	Insulators	1315.20	788.74	98.52	427.94	Total quantity of Insulators got changed due to reduction of tension towers and increased qty of suspension towers.
2.5	Hardware Fittings	688.95	512.34	49.51	127.10	The quantities of various Hardware Fittings got reduced/changed due to reduction in Line length & no. of Towers as well as change in type of tower.
2.6	Conductor & Earthwire accessories	505.96	349.42	33.78	122.76	same as above
2.7	Spares	0.00	0.00	0.00	0.00	
2.8	Erection, Stringing & Civil works including foundation.	2579.77	2193.00	849.52	-482.75	Variation in various erection activities are due to the following reasons - 1. Actual soil strata encountered. 2. Reduction in tower qty with change in type of tower. 3. Actual awarded rates.
2.9	Total Transmission Lines material	20720.58	17674.58	1643.32	1402.68	
3.0	Taxes and Duties					
3.1	Custom Duty	0.00	0.00	0.00	0.00	
3.2	Other Taxes & Duties	0.00	0.00	0.00	0.00	
	Total Taxes & Duties	0.00	0.00	0.00	0.00	
	Total -Transmission lines	21749.11	18501.60	1790.57	1456.94	
B. SUBSTATIONS						
4.0	Preliminary works & land					
4.1	Design & Engineering					
4.2	Land				0.00	
4.3	Site preparation				0.00	
	Total Preliminary works & land	0.00	0.00	0.00	0.00	
6.0	Civil Works					
5.1	Control Room & Office Building including HVAC	0.00	0.00	0.00	0.00	
5.2	Township & Colony	0.00	0.00	0.00	0.00	
5.3	Roads and Drainage	0.00	0.00	0.00	0.00	
5.4	Foundation for structures	88.52	0.00	0.00	88.52	
5.5	Misc. civil works	0.00	0.00	0.00	0.00	
	Total Civil Works	88.52	0.00	0.00	88.52	

2026-4413



6.0	Substation Equipments				
6.1	Switchgear (CT, PT, Circuit Breaker, Isolator etc)	544.78	0.00	0.00	544.78
6.2	Transformers	0.00	0.00	0.00	0.00
6.3	Compensating Equipment (Reactor, SVCs etc)	0.00	0.00	0.00	0.00
6.4	Control, Relay & Protection Panel	85.60	0.00	0.00	85.60
6.5	PLCC	97.80	32.80	0.62	64.38
6.6	HVDC package	0.00	0.00	0.00	0.00
6.7	Bus Bars/ conductors/Insulators	93.93	0.00	0.00	93.93
6.8	outdoor lighting	8.08	0.00	0.00	8.08
6.9	Emergency DG set	0.00	0.00	0.00	0.00
6.10	Grounding System	0.00	0.00	0.00	0.00
6.11	Structure for Switch yard	94.94	0.00	0.00	94.94
6.12	Auxiliary System	110.85	0.00	0.00	110.85
	Total Substation Equipments	1035.98	32.80	0.62	1002.56
7.0	Spare (incl.in eqpt. cost)				0.00
8.0	Taxes and Duties				0.00
8.1	Custom Duty				0.00
8.2	Other Taxes & Duties				0.00
8.3	Total Taxes & Duties	0.00	0.00	0.00	0.00
	Total (Sub-station)	1124.60	32.80	0.62	1091.08
9.0	Construction and pre-commissioning expenses				
9.1	Site supervision & site admin etc (Payable to SEBs)				0.00
9.2	Tools and Plants				0.00
9.3	construction Insurance				0.00
	Total Construction and pre commissioning expenses	0.00	0.00	0.00	0.00
10.0	Overheads				
10.1	Establishment	3003.00	256.13	0.00	2747.87
10.2	Audit & Accounts	0.00	0.00	0.00	0.00
10.3	Contingency	0.00	0.00	0.00	0.00
	Total Overheads	3003.00	256.13	0.00	2747.87
11.0	Project cost without IDC, FC, FERV & Hedging cost	26876.61	18789.53	1791.19	5295.89
12.0	Total Cost (Plant & Equipment)	0.00	0.00	0.00	0.00
12.1	Interest During Construction (IDC)	1784.00	1351.81	0.00	432.19
12.2	Financing Charges (FC)	0.00	0.00	0.00	0.00
12.3	Foreign Exchange Rate Variation (FERV)	0.00	0.00	0.00	0.00
12.4	Hedging Cost	0.00	0.00	0.00	0.00
13.0	Project cost including IDC, FC, FERV & Hedging cost	27660.61	20141.34	1791.19	5728.08

Due to Bus splitting work,
spare bays are utilised

ATD 21 YHB
Petitioner



Break-up of Construction/Supply/Service packages

POWERGRID CORPORATION OF INDIA LTD.
 Name of the Transmission Licensee :
 Name of the Region :
 Name of the project :
 Name of the Transmission Element :

WR
 Transmission system Associated with Korba-III
 400KV Korba-Raipur D/C (3&4) Transmission Line

Sl	Name/No. of Construction/Supply/Service Package	Scope of Works	Whether awarded through Limited / single/ Deposit work	No of bids received	Start date of work	Duration / completion date	Value of Award in Rs Crs	Firm or with escalation in prices	Expenditure excluding Taxes / Duties as on COD	Taxes & duties and IEDC	IDC, FC, FERV & Hedging cost	Sub-Total
1	2	3	4	5	6	7	10	9	10	11	12	13
1	C-33803-L179-3 LOA-III/ 2949 dated 05.03.09	400KV D/C Korba- Raipur Transmission Line (SUPPLY PORTION)	open		Apr'09	May'11	68.47	With Escalation	61.35	7.39	4.45	73.19
5	C-33803-L179-3 LOA-III/ 2950 dated 05.03.09	400KV D/C Korba- Raipur Transmission Line (ERECTION PORTION)	open	6	Apr'09	May'11	32.37	With Escalation	21.21	0.43	1.96	23.60
6	C-33803-L179-3 LOA/ 2989 dated 09.03.09	120KN & 160KN Insulator Package-Y1	open	6	Sep'09	Jun'10	15.29	With Escalation	7.81	0.18	0.55	8.54
7	C-33803-L179-3 LOA/ 2914 dated 03.03.09	Supply of Conductor - Package X1	open	3	Sep'09	Sep'10	115.52	With Escalation	41.55	4.64	2.84	49.03
8	C-33803-L179-3 LOA/ 2914 dated 03.03.09	Supply of Conductor - Package X1	open	3	Sep'09	Sep'10		With Escalation	27.38	3.72	1.87	32.97
9	C-47909-S119A-3/G3/CA-III/ 3474 dated 18.10.10	Bypassing of 400 KV S/C Bhatapara - Raipur line- (Supply Portion)	open		Jan'11	May'11	2.95	With Escalation	2.56	0.13	0.47	3.16
10	C-47909-S119A-3/G3/CA-III/ 3475 dated 18.10.10	Bypassing of 400 KV S/C Bhatapara - Raipur line- (Erection Portion)	open	2	Jan'11	May'11	1.65	With Escalation	0.67	0.03	0.13	0.83
11	C-47909-S119A-3/G3/CA-III/ 3474 dated 18.10.10	PLCC Equipment at Korba & Raipur end - Supply portion	open	2	Jan'11	May'11	0.32	With Escalation	0.32	0.01	0.06	0.39
12	C-47909-S119A-3/G3/CA-III/ 3475 dated 18.10.10	PLCC Equipment at Korba & Raipur end - Erection portion	open	2	Jan'11	May'11	0.01	With Escalation	0.01			0.01
13	Forest & Crop Compensation, PTCC, etc								8.27	0.24	1.19	9.70
									171.13	16.77	13.52	201.42



Handwritten signature/initials: *Arjun K...*
 Petitioner

DETAILS OF ELEMENTWISE COST

Name of the Transmission Licensee : **POWER GRID CORPORATION OF INDIA LTD.**
 Name of Region: **WESTERN**
 Name of the Project : **Transmission System Associated with Korba-III**
Transmission lines

S.NO.	Name of line	Apportioned approved Cost (Rs. Lacs)	Completed Cost (Rs. Lacs)	Covered in the present petition	
				yes/no	if no, petition no.
1	Korba-Raipur D/C (3&4)	26300.77	21891.56	Yes	
	Total Transmission line cost	26300.77	21891.56		

Substations

S.NO.	Name of Substation	Apportioned approved Cost (Rs. Lacs)	Completed Cost (Rs. Lacs)	Covered in the present petition	
				yes/no	if no, petition no.
1	Bays for Korba-Raipur TL	1359.84	40.97	Yes	
	Total Bay cost	1359.84	40.97		
	Total Project cost	27660.61	21932.53		

(Signature)
Petitioner



Financial package upto COD

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.
 Name of Region: WESTERN REGION
 Name of the Project: KORBA III
 Name of the Transmission Element: 400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011
 Project Cost as on COD/31.03.2009: 20141.34 (Rs. in Lakhs)
 Date of Commercial Operation of the Transmission element: 01-JUN-2011(Anticipated DOCO)

(Rs in Lacs)

Transmission Lines	Financial Package as apportioned/ Approved		Financial Package as on COD		As Admitted on COD	
	Currency and Amount		Currency and Amount		Currency and Amount	
Loans						
Loans - Domestic	INR	19362.43	INR	14099.00		
Loans - Foreign						
Total Loans		19362.43		14099.00		
Equity						
Foreign						
Domestic	INR	8298.18	INR	6042.34		
Notional				0.00		
Total Equity		8298.18		6042.34		
Debt Equity Ratio		70.00:30.00		70.00:30.00		
Total Cost		27660.61		20141.34		
		Debt	Equity	Total		
Add Cap For 2011-2012				1791.19		
Add Cap For 2011-2012		Actual	Normative			
Debt			1253.83			
Equity			537.36			
Total			1791.19			
Total Capital Cost with ADDCAP upto 01.04.2012				21932.53		

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Petitioner



Statement of Additional Capitalisation after COD

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.

Name of Region: WESTERN REGION

Name of the Project: KORBA III

Name of the Transmission Element: 400 kV D/C Korba-Raipur Ant.:DOCO :01-JUN-2011

COD: 01-JUN-2011

Sl.No.	Year	Work/Equipment proposed to be added after COD upto cut off date/ beyond cut off date	Amount capitalised and proposed to be capitalised	Justification as per propose	Regulation under which covered	Admitted Cost
1	2	3	4	5	6	7
1.	2011-2012	TR LINE	1790.57	Works completed but billed after DOCO,Final/Retention Payment,PV	9(1)	
		PLCC	0.62	Works completed but billed after DOCO,Final/Retention Payment,PV	9(1)	
Total			1791.19			

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Petitioner



Statement of Capital Cost

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**

Name of Region: **WESTERN REGION**

Name of the Project: **KORBA III**

Name of the Transmission Element: **400 KV D/C Korba-Raipur Ant. : DOCO :01-JUN-2011**

Statement of Capital Cost

(To be given for relevant dates and year wise)

		01-APR-2009- 31-Mar-2010	01-APR-2010- 31-Mar-2011	01-JUN-2011- 31-Mar-2012	01-APR-2012- 31-Mar-2013	01-APR-2013- 31-Mar-2014	(Rs. in Crores)
A	a) Opening Gross Block Amount as per books			201.41	219.32	219.32	
	b) Amount of capital liabilities in A(a) above						
	c) Amount of IDC, FC, FERV & Hedging cost included in A(a) above			13.52	13.52	13.52	
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) a			2.55	2.55	2.55	
B	a) Addition in Gross Block Amount during the period			17.91			
	b) Amount of capital liabilities in B(a) above						
	c) Amount of IDC, FC, FERV & Hedging cost included in B(a) above						
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) a						
C	a) Closing Gross Block Amount as per books			219.32	219.32	219.32	
	b) Amount of capital liabilities in C(a) above						
	c) Amount of IDC, FC, FERV & Hedging cost included in C(a) above			13.52	13.52	13.52	
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in C(a) a			2.55	2.55	2.55	

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Petitioner



Financing of Additional Capitalisation

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**

Name of Region: **WESTERN REGION**

Name of the Project: **KORBA III**

Name of the Transmission Element: **400 kV D/C Korba-Raipur Ant.: DOCO :01-JUN-2011**

Financial Year (Starting from COD)	Projected/Actual					Admitted				
	From COD to 31- Mar-2012	Year 2	Year 3	Year 4	Year 5 & So on	Year 1	Year 2	Year 3	Year 4	Year 5 & so on
1	2	3	4	5	6	7	8	9	10	11
Amount capitalised in Work/Equipment	1791.19									
Financing Details										
Loan-1										
Loan-2										
Loan-3 and so on										
Total Loan	1253.83									
Equity	537.36									
Internal Resources										
Others										
Total	1791.19									

(Rs in Lacs)

[Signature]
Petitioner



Calculation of Depreciation Rate

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **WESTERN REGION**
 Name of the Project: **KORBA III**
 Name of the Transmission Element: **400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011**

(Rs in Lacs)

Sl.No.	Name of the Assets	Gross Block as on 31.03.2011 or as on COD, whichever is later	Addcap during the year	Gross Block as on 31.03.2012 or as on COD, whichever is later	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount up to 31.03.2012
	1	2	3	4	5	6=Col.4 X Col.5
2011-2012						
1	FREEHOLD LAND	0.00	0.00	0.00	0.00%	0.00
2	BUILDING	0.00	0.00	0.00	3.34%	0.00
3	TR LINE	20100.96	1790.57	21891.56	5.28%	923.84
4	SUB STATION	0.00	0.00	0.00	5.28%	0.00
5	PLCC	40.35	0.62	40.97	6.33%	2.14
6	LEASEHOLD LAND	0.00	0.00	0.00	3.34%	0.00
Total		20141.34	1791.19	21932.53		925.98
Weighted Average Rate of Depreciation (%)						4.40
Elapsed Life						0
Sl.No.	Name of the Assets	Gross Block as on 31.03.2012 or as on COD, whichever is later	Addcap during the year	Gross Block as on 31.03.2013 or as on COD, whichever is later	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount up to 31.03.2013
	1	2	3	4	5	6=Col.4 X Col.5
2012-2013						
7	FREEHOLD LAND	0.00	0.00	0.00	0.00%	0.00
8	BUILDING	0.00	0.00	0.00	3.34%	0.00
9	TR LINE	21891.56	0.00	21891.56	5.28%	1155.87
10	SUB STATION	0.00	0.00	0.00	5.28%	0.00
11	PLCC	40.97	0.00	40.97	6.33%	2.59
12	LEASEHOLD LAND	0.00	0.00	0.00	3.34%	0.00
Total		21932.53	0.00	21932.53		1158.47
Weighted Average Rate of Depreciation (%)						5.28
Elapsed Life						1
Sl.No.	Name of the Assets	Gross Block as on 31.03.2013 or as on COD, whichever is later	Addcap during the year	Gross Block as on 31.03.2014 or as on COD, whichever is later	Depreciation Rates as per CERC's Depreciation Rate Schedule	Depreciation Amount up to 31.03.2014
	1	2	3	4	5	6=Col.4 X Col.5
2013-2014						
13	FREEHOLD LAND	0.00	0.00	0.00	0.00%	0.00
14	BUILDING	0.00	0.00	0.00	3.34%	0.00
15	TR LINE	21891.56	0.00	21891.56	5.28%	1155.87
16	SUB STATION	0.00	0.00	0.00	5.28%	0.00
17	PLCC	40.97	0.00	40.97	6.33%	2.59
18	LEASEHOLD LAND	0.00	0.00	0.00	3.34%	0.00
Total		21932.53	0.00	21932.53		1158.47
Weighted Average Rate of Depreciation (%)						5.28
Elapsed Life						2

(Signature)
Petitioner



Statement of Depreciation

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.

Name of Region: WESTERN REGION

Name of the Project: KORBA III

Name of the Transmission Element: 400 kV D/C Korba-Raipur Ant.:DOCO :01-JUN-2011

Financial Year	Upto 2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Depreciation on Capital Cost												886.57	1,063.89	1,063.89
Depreciation on Additional Capitalisation														
Amount of Additional Capitalisation												1,791.19		
Depreciation Amount												39.41	94.58	94.58
Details of FERV														
Amount of FERV on which depreciation charged														
Depreciation Amount														
Depreciation Recovered during the year												925.98	1,158.47	1,158.47
Advance against Depreciation recovered during the year														
Depreciation and Advance against Depreciation recovered during the year												925.98	1,158.47	1,158.47
Cumulative Depreciation And Advance against Depreciation recovered upto the year												925.98	2,084.45	3,242.92

Mr. 21/4/13
Petitioner

Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.
 Name of Region: WESTERN REGION
 Name of the Project: KORBA III
 Name of the Transmission Element: 400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011

(Rs in Lacs)

Particulars	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
PROPOSED BOND 11-12						
Gross Loan Opening				979.00	979.00	979.00
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening				979.00	979.00	979.00
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						
Net Loan Closing				979.00	979.00	979.00
Average Net Loan				979.00	979.00	979.00
Rate of Interest on Loan		0%	0%	8.84%	8.84%	8.84%
Interest on Loan				86.54	86.54	86.54
BONDS XXXIII						
Gross Loan Opening				4968.00	4968.00	4968.00
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening				4968.00	4968.00	4968.00
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						
Net Loan Closing				4968.00	4968.00	4968.00
Average Net Loan				4968.00	4968.00	4968.00
Rate of Interest on Loan		0%	0%	8.64%	8.64%	8.64%
Interest on Loan				429.24	429.24	429.24
BONDS XXIX						
Gross Loan Opening				1650.00	1650.00	1650.00
Cumulative Repayments of Loans upto Previous Year						137.50
Net Loans Opening				1650.00	1650.00	1512.50
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year					137.50	137.50
Net Loan Closing				1650.00	1512.50	1375.00
Average Net Loan				1650.00	1581.25	1443.75
Rate of Interest on Loan		0%	0%	9.2%	9.2%	9.2%
Interest on Loan				151.80	145.48	132.82
BOND-XXXIV						
Gross Loan Opening				700.00	700.00	700.00
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening				700.00	700.00	700.00
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						
Net Loan Closing				700.00	700.00	700.00
Average Net Loan				700.00	700.00	700.00
Rate of Interest on Loan		0%	0%	8.84%	8.84%	8.84%
Interest on Loan				61.88	61.88	61.88
BOND XXXI						
Gross Loan Opening				2845.00	2845.00	2845.00

Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.
 Name of Region: WESTERN REGION
 Name of the Project: KORBA III
 Name of the Transmission Element: 400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011

(Rs in Laacs)

Particulars	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening				2845.00	2845.00	2845.00
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						237.08
Net Loan Closing				2845.00	2845.00	2607.92
Average Net Loan				2845.00	2845.00	2726.46
Rate of Interest on Loan		0%	0%	8.9%	8.9%	8.9%
Interest on Loan				253.20	253.20	242.65
BONDS XXX						
Gross Loan Opening				2957.00	2957.00	2957.00
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening				2957.00	2957.00	2957.00
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						246.42
Net Loan Closing				2957.00	2957.00	2710.58
Average Net Loan				2957.00	2957.00	2833.79
Rate of Interest on Loan		0%	0%	8.8%	8.8%	8.8%
Interest on Loan				260.22	260.22	249.37
Total						
Gross Loan Opening				14099.00	14099.00	14099.00
Cumulative Repayments of Loans upto Previous Year						137.50
Net Loans Opening				14099.00	14099.00	13961.50
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year					137.50	621.00
Net Loan Closing				14099.00	13961.50	13340.50
Average Net Loan				14099.00	14030.25	13651.00
Interest on Loan				1242.88	1236.55	1202.51
Weighted Average Rate of Interest on Loans				8.8154%	8.8135%	8.8090%

27/2/2014
 Petitioner



Power Grid Corporation of India Ltd



(Rupees in Crore)

As at 31st	As at 31st
March, 2010	March, 2009

Schedule 05A - Secured loans(Contd.)

Description	As at 31st March, 2010	As at 31st March, 2009
BONDS XXIX SERIES 9.20% Taxable, Secured, Redeemable, Non-Convertible, Non-Cumulative Bonds of Rs. 1.50 crore each consisting of 12 STRPPs of Rs. 12.50 lakh each redeemable at par in 12(twelve) equal annual installments w.e.f. 12.03.2013	1297.50	
Secured by way of Registered Bond Trust Deed ranking pari passu on immovable property situated at Mouje Ambhethi Taluka Kaporada in district Valsad Gujarat and floating charge on the assets of the company.		
* Included under Unsecured Loans in previous year due to non completion of legal formalities		
BONDS XXX SERIES 8.90% Taxable, Secured, Redeemable, Non-Convertible, Non-Cumulative Bonds of Rs. 1.50 crore each consisting of 12 STRPPs of Rs. 12.50 lakh each redeemable at par in 12(twelve) equal annual installments w.e.f. 29.09.2013	2532.80	
Secured by way of Registered Bond Trust Deed ranking pari passu on immovable property situated at Mouje Ambhethi Taluka Kaporada in district Valsad Gujarat and floating charge on the assets of the company.		
BONDS XXXI SERIES 8.90% Taxable, Secured, Redeemable, Non-Convertible, Non-Cumulative Bonds of Rs. 1.50 crore each consisting of 12 STRPPs of Rs. 12.50 lakh each redeemable at par in 12(twelve) equal annual installments w.e.f. 25.02.2014	2047.50	
Secured by way of Registered Bond Trust Deed ranking pari passu on immovable property situated at Mouje Ambhethi Taluka Kaporada in district Valsad Gujarat and floating charge on the assets of the company.		
BONDS XXXII SERIES 8.84% Taxable, Secured, Redeemable, Non-Convertible, Non-Cumulative Bonds of Rs. 1.50 crore each consisting of 12 STRPPs of Rs. 12.50 lakh each redeemable at par in 12(twelve) equal annual installments w.e.f. 29.03.2014	1035.00	
Secured by way of Registered Bond Trust Deed ranking pari passu on immovable property situated at Mouje Ambhethi Taluka Kaporada in district Valsad Gujarat and floating charge on the assets of the company.		



15112.07

21171.83

ATTESTED TRUE COPY

Authorised Signatory
 Power Grid Corporation of India Ltd
 Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)



Ref.: NSE/LIST/ 142567-Y

July 19, 2010

The Manager (Finance)
Power Grid Corporation Limited
Saudamini,
Plot No.2, Sector - 29,
Gurgaon(Haryana) - 122 001.

Kind Attn. : Mr. K.C. Pant

Dear Sir,

Sub: Listing of Secured Redeemable, Non-Convertible, Non Cumulative, Redeemable, Taxable Bonds (Series - XXXIII) issued by Power Grid Corporation of India Limited

This has reference to your listing application for the listing of Secured Redeemable, Non-Convertible, Non Cumulative, Redeemable, Taxable Bonds (Series-XXXIII), issued by you.

In this connection, we are pleased to inform you that the securities as specified in the application are duly listed on the WDM segment with effect from July 19, 2010 and all members have been suitably informed as per details given in Annexure I.

A Trade Statistics report will be provided to you on a monthly basis in the first week of the following month, if the security was traded during the previous month. This report will contain price volume details for each day traded.

Yours truly,
For National Stock Exchange of India Limited


Hari K
Vice President



Annexure I
Power Grid Corporation of India Limited
Details of Securities

Sr. No.	Issue Description	Security Type	Security	Issue	Allotment amount (In lakhs)	Maturity date
1	POWER GRID CORP 8.64% 2014 (S-XXXIII, STRPP-A)	PT	PGC14	8.64%	24000	8-Jul-2014
2	POWER GRID CORP 8.64% 2015 (S-XXXIII, STRPP-B)	PT	PGC15	8.64%	24000	8-Jul-2015
3	POWER GRID CORP 8.64% 2016 (S-XXXIII, STRPP-C)	PT	PGC16	8.64%	24000	8-Jul-2016
4	POWER GRID CORP 8.64% 2017 (S-XXXIII, STRPP-D)	PT	PGC17	8.64%	24000	8-Jul-2017
5	POWER GRID CORP 8.64% 2018 (S-XXXIII, STRPP-E)	PT	PGC18	8.64%	24000	8-Jul-2018
6	POWER GRID CORP 8.64% 2019 (S-XXXIII, STRPP-F)	PT	PGC19	8.64%	24000	8-Jul-2019
7	POWER GRID CORP 8.64% 2020 (S-XXXIII, STRPP-G)	PT	PGC20	8.64%	24000	8-Jul-2020
8	POWER GRID CORP 8.64% 2021 (S-XXXIII, STRPP-H)	PT	PGC21	8.64%	24000	8-Jul-2021
9	POWER GRID CORP 8.64% 2022 (S-XXXIII, STRPP-I)	PT	PGC22	8.64%	24000	8-Jul-2022
10	POWER GRID CORP 8.64% 2023 (S-XXXIII, STRPP-J)	PT	PGC23	8.64%	24000	8-Jul-2023
11	POWER GRID CORP 8.64% 2024 (S-XXXIII, STRPP-K)	PT	PGC24	8.64%	24000	8-Jul-2024
12	POWER GRID CORP 8.64% 2025 (S-XXXIII, STRPP-L)	PT	PGC25	8.64%	24000	8-Jul-2025





**NATIONAL STOCK EXCHANGE
OF INDIA LIMITED**

NIFTY 50
Stock of the nation

Ref.: NSE/LIST/ 151475-T

November 15, 2010

The Manager (Finance)
Power Grid Corporation Limited
Saudamini,
Plot No.2, Sector - 29,
Gurgaon(Haryana) - 122 001.

Kind Attn. : Mr. K.C. Pant

Dear Sir,


**Sub: Listing of Secured Redeemable, Non-Convertible, Non Cumulative,
Redeemable, Taxable Bonds (Series - XXXIV) issued by Power Grid
Corporation of India Limited**

This has reference to your listing application for the listing of Secured Redeemable, Non-Convertible, Non Cumulative, Redeemable, Taxable Bonds (Series-XXXIV), issued by you.

In this connection, we are pleased to inform you that the securities as specified in the application are duly listed on the WDM segment with effect from November 15, 2010 and all members have been suitably informed as per details given in Annexure 1.

A Trade Statistics report will be provided to you on a monthly basis in the first week of the following month, if the security was traded during the previous month. This report will contain price volume details for each day traded.

Yours truly,
For National Stock Exchange of India Limited


Johnson Joseph
Chief Manager

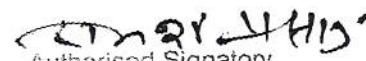




Annexure I
Power Grid Corporation of India Limited
Details of Securities

Sr. No.	Issue Description	Security Type	Security	Issue	Allotment amount (In lakhs)	Maturity date
1	POWER GRID CORP 8.84% 2014 (S-XXXIV, STRPP-A)	PT	PGC14A	8.84%	29062.5	21-Oct-2014
2	POWER GRID CORP 8.84% 2015 (S-XXXIV, STRPP-B)	PT	PGC15A	8.84%	29062.5	21-Oct-2015
3	POWER GRID CORP 8.84% 2016 (S-XXXIV, STRPP-C)	PT	PGC16A	8.84%	29062.5	21-Oct-2016
4	POWER GRID CORP 8.84% 2017 (S-XXXIV, STRPP-D)	PT	PGC17A	8.84%	29062.5	21-Oct-2017
5	POWER GRID CORP 8.84% 2018 (S-XXXIV, STRPP-E)	PT	PGC18A	8.84%	29062.5	21-Oct-2018
6	POWER GRID CORP 8.84% 2019 (S-XXXIV, STRPP-F)	PT	PGC19A	8.84%	29062.5	21-Oct-2019
7	POWER GRID CORP 8.84% 2020 (S-XXXIV, STRPP-G)	PT	PGC20A	8.84%	29062.5	21-Oct-2020
8	POWER GRID CORP 8.84% 2021 (S-XXXIV, STRPP-H)	PT	PGC21A	8.84%	29062.5	21-Oct-2021
9	POWER GRID CORP 8.84% 2022 (S-XXXIV, STRPP-I)	PT	PGC22A	8.84%	29062.5	21-Oct-2022
10	POWER GRID CORP 8.84% 2023 (S-XXXIV, STRPP-J)	PT	PGC23A	8.84%	29062.5	21-Oct-2023
11	POWER GRID CORP 8.84% 2024 (S-XXXIV, STRPP-K)	PT	PGC24A	8.84%	29062.5	21-Oct-2024
12	POWER GRID CORP 8.84% 2025 (S-XXXIV, STRPP-L)	PT	PGC25A	8.84%	29062.5	21-Oct-2025

ATTESTED TRUE COPY



Authorised Signatory
Power Grid Corporation of India Ltd
Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)



Calculation of Interest on Normative Loan

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.
Name of Region: WESTERN REGION
Name of the Project: KORBA III
Name of the Transmission Element: 400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011

(Rs in Lacs)

Particulars	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
1	2	3	4	5	6	7
Gross Normative Loan - Opening				14,099.00	15,352.83	15,352.83
Cumulative repayment of Normative Loan upto previous year					925.98	2,084.45
Net Normative loan - Opening				14,099.00	14,426.85	13,268.38
Increase/Decrease due to ACE during the Year				1,253.83		
Repayments of Normative Loan during the year				925.98	1,158.47	1,158.47
Net Normative loan - Closing				14,426.85	13,268.38	12,109.91
Average Normative Loan				14,262.93	13,847.62	12,689.15
Weighted average Rate of Interest on actual Loans				8.8154%	8.8135%	8.8090%
Interest on Normative loan				1,047.78	1,220.46	1,117.78


Petitioner



Calculation of Interest on Working Capital

Name of the Transmission Licensee:

POWERGRID CORPORATION OF INDIA LTD.

Name of Region:

WESTERN REGION

Name of the Project:

KORBA III

Name of the Transmission Element:

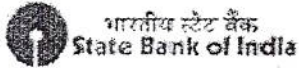
400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011

(Rs in Lacs)

Sl.N o.	Particulars	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
1	2	3	4	5	6	7	8
1	O and M Expenses				12.41	13.12	13.86
2	Maintenance Spares				22.33	23.61	24.95
3	Recievables				623.63	635.15	619.23
4	Total Working Capital				658.37	671.88	658.04
5	Rate of Interest				13.00	13.00	13.00
6	Interest on Working Capital				71.32	87.34	85.55


Petitioner





INTEREST RATES

State Bank of India provides information on the various Interest rates offered by it on various loans and deposit schemes.

Details of Up-to-date interest rates scheme-wise is given in the sections one could click on to.

SBI now provides your Account Balance and Transaction details over phone round-the-clock. Information on deposits & loan schemes and services also available.

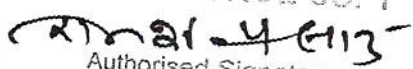
Call **1800112211** (tollfree from BSNL/MTNL)

or

New Contact Centre Access Numbers.

•	Domestic deposits (below Rs one crore) interest rates revised w.e.f. 14.02.2011.
•	Domestic deposits (Rs one crore & above) interest rates revised w.e.f. 07.12.2010.
•	BPLR (State Bank Advance Rate) revised upwards by 25 bps from 12.75% p.a. to 13.00% p.a. w.e.f 14.02.2011.
•	Base Rate revised upwards by 25 bps from 8.00% p.a. to 8.25% p.a. w.e.f 14.02.2011

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 Authorised Signatory
 Power Grid Corporation of India Ltd
 Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)

Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **WESTERN REGION**
 Name of the Project: **KORBA III**
 Name of the Transmission Element: **400 kV D/C Korba-Raipur Ant. :DOCO :01-JUN-2011**

(Rs in Lacs)

Draw Down Schedule for Calculation of IDC & Financing Charges										
Sl.No	Drawn Down	Quarter 1			Quarter 2			Quarter n(COD)		
Sl.No.	Particulars	Quantum In Foreign Currency	Exchange Rate on Draw Down Date	Amount In Indian Rupee	Quantum In Foreign Currency	Exchange Rate on Draw Down Date	Amount In Indian Rupee	Quantum In Foreign Currency	Exchange Rate on Draw Down Date	Amount In Indian Rupee
1.	Loans									
1.1	Foreign Loans									
1.2	Indian Loans									
1.2.1	BONDS XXIX									
	Draw Down Amount									1650.00
	IDC									
	Financing Charges									
1.2.2	BONDS XXX									
	Draw Down Amount									2957.00
	IDC									
	Financing Charges									
1.2.3	BOND XXXI									
	Draw Down Amount									2845.00
	IDC									
	Financing Charges									
1.2.4	BONDS XXXIII									
	Draw Down Amount									4968.00
	IDC									
	Financing Charges									
1.2.5	BOND-XXXIV									
	Draw Down Amount									700.00
	IDC									
	Financing Charges									
1.2.6	PROPOSED BOND II-12									
	Draw Down Amount									979.00
	IDC									
	Financing Charges									
	Total Indian Loans									
	Draw Down Amount									14099.00
	IDC									0.00
	Financing Charges									0.00
	Total of Loans Drawn									
	Draw Down Amount									14099.00
	IDC									1351.81
	Financing Charges									0.00
2	Equity									
2.1	Foreign Equity Drawn									
2.2	Indian Equity Drawn									6042.34
	Total Equity Deployed									6042.34

The project has been funded through domestic loans allocated from the common pool based on the phasing of expenditure and IDC has been booked accordingly. As the loans are allocated from common pool, quarter wise drawl is not furnished.

(Signature)
Petitioner



INDEX

**CHECK LIST
PART-III**

Name of the Company Power Grid Corporation of India Ltd.
Name of the Project : KORBA III
Name of the Transmission Element: 400 kV D/C Korba-Raipur TL

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

Form No.	Tariff Filing Formats (Transmission)	Tick
FORM- 1	Summary Sheet	Yes
FORM-1A	Calculation of Return on Equity	Yes
FORM-2	Details of Transmission Lines and Substations	Yes
FORM-3	Normative Parameters considered for tariff calculations	Yes
FORM- 4	Details of Foreign loans	Not applicable and hence not enclosed
FORM-4A	Details of Foreign Equity	Not applicable and hence not enclosed
FORM-5	Abstract of Admitted Cost for the existing Projects	Not applicable and hence not enclosed
FORM-5A	Abstract of Project Cost Estimates and Schedule of Commissioning for the new Projects	Yes
FORM-5B	Element wise Break-up of Project Cost for Transmission System	Yes
FORM-5C	Break-up of Construction/Supply/Service packages	Yes
FORM-5D	Details of elementwise cost	Yes
FORM-6	Financial Package upto COD	Yes
FORM- 7	Details of Project Specific Loans	Not applicable and hence not enclosed
FORM- 8	Details of Allocation of corporate loans to various transmission elements	Not applicable and hence not enclosed
FORM-9	Statement of Additional Capitalisation after COD	Yes
FORM-9A	Statement of capital cost	Yes
FORM- 10	Financing of Additional Capitalisation	Yes
FORM- 11	Calculation of Depreciation Rate	Yes
FORM- 12	Statement of Depreciation	Yes
FORM- 13	Calculation of Weighted Average Rate of Interest on Actual Loans	Yes
FORM- 13A	Calculation of Interest on Normative Loans	Yes
FORM-13B	Calculation of Interest on Working Capital	Yes
FORM- 14	Draw down Schedule for Calculation of IDC & Financing Charges	Yes
FORM-14A	Actual Cash Expenditure	Not applicable and hence not enclosed

Other Information/ Documents

Sl. No.	Information/Document	Tick
1	Certificate of incorporation, Certificate for Commencement of Business, Memorandum of Association, & Articles of Association (For New Station setup by a company making tariff application for the first time to CERC)	- Not Applicable -
2	Regionwise and Corporate audited Balance Sheet and Profit & Loss Accounts with all the Schedules & annexures for the new Transmission System & for the relevant years.	Audit of Accounts for FY 2010-11 shall be submitted after audit
3	Copies of relevant loan Agreements	Already furnished in connection with petition for 2004-09
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	Tariff already notified by CERC. Copy of CERC Tariff order for 2004-09 enclosed.
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	Equity contribution by GOI (69%) and others(31%)
6	Copies of the BPTA/TSA with the beneficiaries, if any	Tariff already notified by CERC. Copy of CERC Tariff order for 2004-09 enclosed.
7	Detailed note giving reasons of time and cost over run, if applicable.	-Not Applicable -
8	Any other relevant information, (Please specify)	-Not Applicable -

2021-11-17

