

Calculation Of Return On Equity

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.
 Name of Region: NORTH EASTERN REGION
 Name of the Project: North East/Northern Western Interconnector I Transmission System
 Name of the Transmission Element: 315 MVA, 400/220 kV ICT II at Misa S/S alongwith associated bays :DOCO :01-NOV-2011 (Anticipated)

Particulars	(Rs in Lacs)						
	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	
Equity as DOCO	1	2	3	4	5	6	7
Notional Equity for Add Cap					584.66	627.41	627.41
Total Equity					42.75	627.41	627.41
Return on Equity @ 18.044 %					627.41	627.41	627.41
					45.56	113.21	113.21

Shankar Singh
 Petitioner



Details of Transmission Lines And Substations

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **NORTH EASTERN REGION**
 Name of the Project: **North East/Northern Western Interconnector I Transmission System**
 Name of the Transmission Element: **315 MVA, 400/220 kV ICT II at Misa S/S alongwith associated bays :DOCO :01-NOV-2011 (Anticipated)**

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.)	Date of Commercial operation	Covered in the present petition	If No, petition No.
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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 (Anticipated)	Covered in the present petition	If No, petition No.
1	Misa	Conventional	400/220KV	1 X 315MVA	765 KV	400 KV	220 KV	132 KV & below		Yes/No		
	ICT II Bay		400			1			01-NOV-2011	Yes		
	ICT II Bay		220				1		01-NOV-2011	Yes		
Total						1	1					

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Normative Parameters considered For tariff calculations

Name of the Transmission Licensee:

POWERGRID CORPORATION OF INDIA LTD.

Name of Region:

NORTH EASTERN REGION

Name of the Project:

North East/Northern Western Interconnector I Transmission System

Name of the Transmission Element:

315 MVA, 400/220 kV ICT II at Misa S/S alongwith associated bays : DOCO -01-NOV-2011 (Awdi's pated)

Year Ending March

Particulars	Unit	Year Ending March							
		Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2013-2014	2013-2014
Base Rate of Return on Equity	%					17.481	17.481	17.481	17.481
Tax Rate	%					11.33	11.33	11.33	11.33
Target Availability	%					98.00	98.00	98.00	98.00
Normative O&M per Km.	Rs. lacs					Given Below	Given Below	Given Below	Given Below
Normative O&M per bay	Rs. lacs					Given Below	Given Below	Given Below	Given Below
Spares for WC as % of O&M	%					15.00	15.00	15.00	15.00
Receivables in Months for WC	months					2.00	2.00	2.00	2.00
Prime lending Rate of SBI as on 01-APR-2009	%					13.00	13.00	13.00	13.00

Norms for O&M expenditure for Transmission System

Particulars	Norms for O&M expenditure for Transmission System							
	2009-10	2010-11	2011-12	2012-13	2013-14	2013-14	2013-14	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-Dadri 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			



Mansingh
Petitioner

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

Name of Transmission Licensee : Powergrid Corporation of India Limited
 Name of Region : NER
 Name of the Project : Transmission System associated with North East - Northern/Western interconnector-I and Transmission System of Kameng HEP
 Name of the Transmission Element : 400/220kV Misa Substation Extension (Anticipated)

Doco: 01.11.2011

New Projects Capital Cost Estimates

Board of Directors / Agency approving the Capital cost Estimates: Board of Directors

Date of approval of Capital cost estimates: 24th February 2009

Price level of approved estimates: Present Day Cost

As of End of 4th Qtr. of the year: As on Scheduled COD of the Station (01.11.11)

Foreign Exchange rate considered for the Capital cost Estimates: 30.16

Foreign Component, if any (in Million US \$ or the relevant Currency): 0.00

Domestic Component (Rs. Cr.): 17.62

Total CAPITAL COST excluding IDC, FC, FERV & Hedging Cost: 17.62

Foreign Component, if any (in Million US \$ or the relevant Currency): 0.00

Domestic Component (Rs. Cr.): 17.62

Total IDC, FC, FERV & Hedging Cost (Rs. Crores): 17.62

Foreign Component, if any (in Million US \$ or the relevant Currency): 0.00

Domestic Component (Rs. Cr.): 1.87

Total IDC, FC, FERV & Hedging Cost (Rs. Cr.): 1.87

Foreign Component, if any (in Million US \$ or the relevant Currency): 0.00

Domestic Component (Rs. Cr.): 1.87

Capital cost including IDC, FC, FERV & Hedging Cost: 1.87

Foreign Component, if any (in Million US \$ or the relevant Currency): 0.00

Domestic Component (Rs. Cr.): 1.87

Capital Cost including IDC & FC (Rs. Cr.): 1.87

Schedule of Commissioning: November 2011



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Element wise Break-up of Project Cost for Transmission System

Name of Transmission Licensee

Name of Region

: Powergrid Corporation of India Limited
: NER

: Transmission System associated with North East - Northern/Western Interconnector-I and Transmission System of Kameng HEP

Name of the Project

: 400/220KV Misa Substation Extension (Amhãpãdã Docc:01.11.2011)

Sl. No.	Break Down	Cost in Rs. Crores			Reasons for variation
		As per original estimate (Nov'2011) As on COD	Liabilities/ Provision	Variation	
1	2	3	4	5	6 = (3-4-5)
A. TRANSMISSION LINE					
1.0	Preliminary works				
1.1	Design & Engineering				
1.2	Preliminary Investigation, Right of way, forest clearance, PTCC, general civil works, etc.				
1.3	Total Preliminary Works	0	0	0	
2.0	Transmission Line materials				
2.1	Tower Steel				
2.2	Conductor				
2.3	Earth Wire				
2.4	Insulators				
2.5	Hardware Fittings				
2.6	Conductor & Earthwire accessories				
2.7	Spare				
2.8	Erection, Stringing & Civil works including foundation				
2.9	Total Transmission line material	0	0	0	
3.0	Taxes & Duties				
3.1	Custom Duty				
3.2	Other Taxes & Duties				
3.3	Total Taxes & Duties	0	0	0	
Total - Transmission Lines					
		0.0000	0.0000	0.0000	
B. SUBSTATIONS					
4.0	Preliminary works & Land				
4.1	Design & Engineering				
4.2	Land				
4.3	Site Preparation (Survey & Soil Investigation and Infrastructure)	0.1000			0.1000 As per actual
4.4	Total Preliminary works & Land	0.1000	0.0000	0.0000	0.1000
5.0	Civil Works				
5.1	Control Room & Office Building including HVAC				
5.2	Township & Colony				
5.3	Roads & Drainage				
5.4	Foundation for structures				
5.5	Misc. civil works (Equip. civil works & Erection)	0.7543	0.2796	0.0866	-0.8662 Due to higher tender cost
5.6	Total Civil Works	0.7543	1.0591	0.1158	-0.4206
6.0	Substation Equipments				
6.1	Switchgear (CT, PT, Circuit Breaker, Isolator, etc.), 420kV & 220kV Equipments	2.3950	1.5717	0.1746	0.6487 Due to lower tender cost



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6.2	Transformer (315MVA, 400/220/132KV, 3-ph)	15.5050	7.8908	0.8768	6.7375	Due to lower tender cost
6.3	GIS equipment & Testing Equipments					
6.4	Compensating Equipment (Line Reactor & Bus reactor)					
6.5	Control, Relay & Protection Panel (400KV & 220KV) and Substation automation system	0.8924	0.5873	0.0653	0.2399	Due to lower tender cost
6.6	PLCC					
6.7	HVDC package					
6.8	Bus Bars materials	0.4900	0.2442	0.0271	0.2187	Due to lower tender cost
6.9	Outdoor Lighting					
6.10	Emergency D.G. Set	0.5800	0.2585	0.0287	0.2928	Due to lower tender cost
6.11	Grounding System					
6.12	Structure for switchyard	0.4700	0.2712	0.0301	0.1686	Due to lower tender cost
6.13	Additional provision for emulsifier system					
6.14	Total Substation Equipments	20.3324	10.8235	1.2026	8.3062	
7.0	Spare	0.9955	0.9604	0.1067	-0.0716	
8.0	Taxes & Duties					
8.1	Custom Duty					
8.2	Other Taxes & Duties	0.0000	1.4837	0.0000	-1.4837	Estimated
8.3	Total Taxes & Duties	0.0000	1.4837	0.0000	-1.4837	
	Total (Sub-Station)	22.1822	14.3268	1.4251	6.4304	
9.0	Construction & Pre-commissioning expenses					
9.1	Site supervision & site administration, etc.					
9.2	Tools & Plants					
9.3	Construction Insurance					
9.4	Total Construction & Pre-commissioning expenses	0	0	0	0	
10.0	Overheads					
10.1	Establishment					
10.2	Audit & Accounts					
10.3	Contingency	5.0869	3.2952	0	1.7918	Estimated
10.4	Total Overheads	5.0869	3.2952	0	1.7918	
11.0	Project Cost without Total Cost (Plant & Equipment)	27.2691	17.6219	1.4251	8.2221	
12.0	Total Cost (Plant & Equipment)					
12.1	Interest During Construction (IDC)	2.8885	1.8666		1.0219	Estimated
12.2	Financing Charges (FC)					
12.3	Foreign Exchange Rate Variation (FERV)					
12.4	Hedging Cost					
12.5	Total of IDC, FC, FERV & Hedging Cost	2.8885	1.8666	0	1.0219	
13.0	Capital Cost including IDC, FC, FERV & Hedging Cost	30.1576	19.4885	1.4251	9.2440	

Break-up of Construction / Supply / Service Packages

Name of Transmission Licensee
Name of Region
Name of the Project
Name of the Transmission Element

: Powergrid Corporation of India Limited
: NER
: Transmission System associated with North East - Northern/Western Interconnector-I and Transmission System of Kameng HEP
: 400/220KV Misa Substation Extension (Amh'opateh Doco: 01.11.2011)

Sl. No.	Name / No. of Construction / supply / service package	Scope of works (in line with head of cost break-ups as applicable)	Whether awarded through ICB / DCB / Departmentally / Deposit work, etc.	No. of bids received	Date of Award	Date of start of work	Date of completion of work	Total Value of Award in (Rs. Crs)	Firm or With escalation in price	Estimated Expenditure till the completion or up to COD whichever is earlier
1	M/S ICSA (INDIA) LIMITED, Cybercity, Hyderabad/ Supply Package - S1/ LOA No. C-61917-S119A-3/G8/LOA-I/3258, Dtd: 25.02.10	Ex-works supply of all the Plant and Equipment (including Mandatory Spare parts) to be supplied from within India including Type Test to be conducted under the contract, inter alia including fabrication, design, engineering, manufacture, testing, supply of following equipments/ items, complete in all respect: i) 400KV Transformer Bay for 1X315MVA, 400/220KV, 3-ph Autotransformer ii) 220KV Transformer Bay for 1X315MVA, 400/220KV, 3-ph Autotransformer	DCB	5	25.02.10	25.02.10	(18 mths from date of NOA i.e, 25.02.10)	315,424,787.00	With PV	33,711,479.00
2	M/S ICSA (INDIA) LIMITED, Cybercity, Hyderabad/ Erection Package - S1/ LOA No. C-61917-S119A-3/G8/LOA-I/3259, Dtd: 25.02.10	Performance of all the services inter-alia, including transportation & insurance, unloading, storage, erection, testing & commissioning of following equipments/ items in all respect: Extension of 400/220KV Misa S/S to accommodate the following :- (i) 400KV Transformer Bay for 1X315MVA, 400/220KV, 3-ph Autotransformer ii) 220KV Transformer Bay for 1X315MVA, 400/220KV, 3-ph Autotransformer	DCB	5	25.02.10	25.02.10	(18 mths from date of NOA i.e, 25.02.10)	124,348,894.00	With PV	10,418,940.00
3	M/S Crompton Greaves Limited, Tolstoy Marg, New Delhi - 110001/ Supply Package/ LOA No. C-47904-S116-3/ G3/ LOA-I/ 3444, Dtd: 16.08.10	Supply of 1 No. of 315MVA, 400/220/132KV Three phase autotransformer for Dalitonganj-I (under ERSS-III)	DCB	7	16.08.10	16.08.10	(16 mths from date of NOA originally placed, i.e., 11.02.10)	138,600,000.00	With PV	
4	M/S Crompton Greaves Limited, Tolstoy Marg, New Delhi - 110001/ Erection Package/ LOA No. C-47904-S116-3/ G3/ LOA-II/ 3445, Dtd: 16.08.10	Testing and commissioning of 1 No. of 315MVA, 400/220/132KV Three phase autotransformer for Dalitonganj-I (under ERSS-III)	DCB	7	16.08.10	16.08.10	(18 mths from date of NOA originally placed, i.e., 11.02.10)	11,200,000.00	With PV	84,127,500.00
5	M/S Assam Engineering Works, Nagaon (Assam) / Erection works / LOA No. NEMS/06/C&M/C-253/2010/22461, Dtd: 22/12/10	Shifting of fire protection pipelines for construction of lower foundation in new ICT bay at Misa Sub-Station.	DCB	NA	22.12.10	22.12.10	22.01.11	172,417.00	Firm	172,417.00



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S. No.	Name of Line	Apportioned approved Cost (Rs. Lacs)	Completed Cost (Rs. Lacs)	Covered in the present petition	Yes / No	Petition No.
1	400/220/132KV Misa S/S Extension	3015.7602	2091.3602	Yes		
2	Remaining part of North East-northern/Western Interconnector-I	1110003.2398	2091.3602			
	Total	1113019.0000	2091.3602			
	Grand total	1113019.0000	2091.3602			

Substations.

S. No.	Name of Line	Apportioned approved Cost (Rs. Lacs)	Completed Cost (Rs. Lacs)	Covered in the present petition	Yes / No	Petition No.
1						
2						
3						
4						
5						

Transmission Lines.

Name of the Project : Kameng HEP
 Name of the Transmission Element : 400/220KV Misa Substation Extension
 Name of Region : NER
 Name of Transmission Licensee : Powergrid Corporation of India Limited
 Transmission System associated with North East - Northern/Western Interconnector-I and Transmission System of Kameng HEP

DETAILS OF ELEMENTWISE COST OF THE PROJECT

Financial package upto COD

POWERGRID CORPORATION OF INDIA LTD.

NORTH EASTERN REGION

North East/Northern Western Interconnector I Transmission System
315 MVA, 400/220 KV ICT II at Misa S/S alongwith associated bays : DOCO : 01-
NOV-2011

1948.86 (Rs. in Lakhs)

01-NOV-2011 (Anticipated)

Name of the Transmission Licensee:

Name of Region:

Name of the Project:

Name of the Transmission Element:

Project Cost as on COD/31.03.2009:

Date of Commercial Operation of the Transmission element:

Transmission Lines

Financial Package as apporportioned/ Approved COD		Financial Package as on COD		As Admitted on COD	
Currency and Amount		Currency and Amount		Currency and Amount	
Loans					
Loans - Domestic	INR	2111.03	INR	1364.20	
Loans - Foreign					
Total Loans		2111.03		1364.20	
Equity					
Equity					
Domestic	INR	904.73	INR	584.66	
Notional				0.00	
Total Equity		904.73		584.66	
Debt Equity Ratio		70.00:30.00		70.00:30.00	
Total Cost		3015.76		1948.86	
Debt					
Equity					
Total		142.51			
Add Cap For 2011-2012					
Add Cap For 2011-2012	Actual	Normative			
Debt					
Equity					
Total		142.51			
Total Capital Cost with ADDCAP upto 01.04.2009 14					2091.37

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Statement of Additional Capitalisation after COD

Name of the Transmission Licensee: **POWERGRID CORPORATION OF INDIA LTD.**
 Name of Region: **NORTH EASTERN REGION**
 Name of the Project: **North East/Northern Western Interconnector I Transmission System**
 Name of the Transmission Element: **315 MVA, 400/220 kV ICT II at Misa S/S alongwith associated bays :DOCO :01-NOV-2011**
 COD: **01-NOV-2011 (Anticipated)**

(Rs in Lacs)

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		4	5	6	7
1.	2011-2012	SUB STATION	142.51	Balance & retention payment	9(i), 2009	
	Total		142.51			

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 Petitioner





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Particulars		01-Feb-2010 to 31-Mar-2010	01-Apr-2010 to 31-Mar-2011	01-Apr-2011 to 01-Nov-2011 (Estimated)
A	a) Opening Gross Block Amount as per books	0.00	0.00	1948.86
	b) Amount of capital liabilities in A(a) above	0.00	0.00	0.00
	c) Amount of IDC, FC, FERV & Hedging cost in A(a) above	0.00	0.00	0.00
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in A(a) above	0.00	0.00	329.52
B	a) Addition in Gross Block Amount during the period	0.00	0.00	142.51
	b) Amount of capital liabilities in B(a) above	0.00	0.00	142.51
	c) Amount of IDC, FC, FERV & Hedging cost in B(a) above	0.00	0.00	0.00
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in B(a) above	0.00	0.00	0.00
C	a) Closing Gross Block Amount as per books	0.00	0.00	2091.37
	b) Amount of capital liabilities in C(a) above	0.00	0.00	0.00
	c) Amount of IDC, FC, FERV & Hedging cost in C(a) above	0.00	0.00	186.66
	d) Amount of IEDC (excluding IDC, FC, FERV & Hedging cost) included in C(a) above	0.00	0.00	329.52

(in Lakhs)

(To be given for relevant dates and year wise)

Doco:01-11-2011

Name of the Transmission Licensee	: Powergrid Corporation of India Limited
Name of Region	: NER
Name of the Project	: Transmission System associated with North East - Northern/Western interconnector-I and Transmission System of Kameng HEP
Name of Transmission Element	: 400/220kV Misa Substation Extension (Amalgamated)

Statement of Capital Cost

Financing of Additional Capitalisation

Name of the Transmission Licensee:

POWERGRID CORPORATION OF INDIA LTD.

Name of Region:

NORTH EASTERN REGION

Name of the Project:

North East/Northern Western Interconnector I Transmission System

Name of the Transmission Element:

315 MVA, 400/220 kV ICT II at Misa S/S alongwith associated bays : DOCO :01-NOV-2011 (Awticipate d)

(Rs in Lacs)

Financial Year (Starting from COD)	From COD to 31-Mar-2012	Projected/Actual									
		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/Equipmen t	142.51										
Financing Details											
Loan-1											
Loan-2											
Loan-3 and so on											
Total Loan	99.76										
Equity	42.75										
Internal Resources											
Others											
Total	142.51										

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POWERGRID CORPORATION OF INDIA LTD.
NORTH EASTERN REGION
North East/Northern Western Interconnector I Transmission System
315 MVA, 400/220 KV ICT II at Misa S/S alongwith associated bays: DOCO :01-
NOV-2011 (Audited)

Name of the Transmission Licensee:
Name of the Region:
Name of the Project:
Name of the Transmission Element:

(Rs in Lacs)

2011-2012						
Sl.No.	Name of the Assets	Gross Block as on 31.03.2011 or as on later	Addcap during the year	Gross Block as on 31.03.2012 or as on later	Depreciation Rates as per CERCs Schedule	Depreciation Amount up to 31.03.2012
		Weighted Average Rate of Depreciation (%)				
		Elapsed Life				
		1	2	3	4	5
		6=Col4 X Col5				
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	0.00	0.00	0.00	5.28%	0.00
4	SUB STATION	1948.86	142.51	2091.37	5.28%	44.44
5	PLCC	0.00	0.00	0.00	6.33%	0.00
6	LEASEHOLD LAND	0.00	0.00	0.00	3.34%	0.00
Total		1948.86	142.51	2091.37		44.44
		Weighted Average Rate of Depreciation (%)				
		Elapsed Life				
		1	2	3	4	5
		6=Col4 X Col5				
Sl.No.	Name of the Assets	Gross Block as on 31.03.2012 or as on later	Addcap during the year	Gross Block as on 31.03.2013 or as on later	Depreciation Rates as per CERCs Schedule	Depreciation Amount up to 31.03.2013
		Weighted Average Rate of Depreciation (%)				
		Elapsed Life				
		1	2	3	4	5
		6=Col4 X Col5				
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	0.00	0.00	0.00	5.28%	0.00
10	SUB STATION	2091.37	2091.37	2091.37	5.28%	110.42
11	PLCC	0.00	0.00	0.00	6.33%	0.00
12	LEASEHOLD LAND	0.00	0.00	0.00	3.34%	0.00
Total		2091.37	2091.37	2091.37		110.42
		Weighted Average Rate of Depreciation (%)				
		Elapsed Life				
		1	2	3	4	5
		6=Col4 X Col5				
Sl.No.	Name of the Assets	Gross Block as on 31.03.2013 or as on later	Addcap during the year	Gross Block as on 31.03.2014 or as on later	Depreciation Rates as per CERCs Schedule	Depreciation Amount up to 31.03.2014
		Weighted Average Rate of Depreciation (%)				
		Elapsed Life				
		1	2	3	4	5
		6=Col4 X Col5				
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	0.00	0.00	0.00	5.28%	0.00
16	SUB STATION	2091.37	2091.37	2091.37	5.28%	110.42
17	PLCC	0.00	0.00	0.00	6.33%	0.00
18	LEASEHOLD LAND	0.00	0.00	0.00	3.34%	0.00
Total		2091.37	2091.37	2091.37		110.42
		Weighted Average Rate of Depreciation (%)				
		Elapsed Life				
		1	2	3	4	5
		6=Col4 X Col5				



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Statement of Depreciation

Name of the Transmission Licensee:

POWERGRID CORPORATION OF INDIA LTD.

Name of Region:

NORTH EASTERN REGION

Name of the Project:

North East/Northern Western Interconnector I Transmission System

Name of the Transmission Element:

315 MVA, 400/220 kV ICT II at Misa S/S alongwith associated bays : DOCCO :01-NOV-2011 (Anticipated)

(Rs in Lacs)

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														
Depreciation on Capital Cost												42.87	102.90	102.90
Depreciation on Additional Capitalisation														
Amount of Additional Capitalisation												142.51		
Depreciation Amount												1.57	7.52	7.52
Details of FERV														
Amount of FERV on which depreciation charged														
Depreciation Amount														
Depreciation Recovered during the year												44.44	110.42	110.42
Advance against Depreciation recovered during the year														
Depreciation and Advance against Depreciation recovered during the year												44.44	110.42	110.42
Cumulative Depreciation And Advance against Depreciation recovered upto the year												44.44	154.87	265.29

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Calculation of Weighted Average Rate of Interest on Actual Loans

Name of the Transmission Licensee: POWERGRID CORPORATION OF INDIA LTD.
 Name of Region: NORTH EASTERN REGION
 Name of the Project: North East/Northern Western Interconnector I Transmission System
 Name of the Transmission Element: 315 MVA, 400/220 KV ICT II at Misa S/S alongwith associated bays: DOCO :01-
 NOV-2011 (Awarded)

Particulars	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
-------------	--------------------	-----------	-----------	-----------	-----------	-----------

Proposed Domestic Loan						
Gross Loan Opening	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						
Net Loan Closing	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Average Net Loan	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Rate of Interest on Loan	0%	0%	8.84%	8.84%	8.84%	8.84%
Interest on Loan				120.60	120.60	120.60
Total						
Gross Loan Opening	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Cumulative Repayments of Loans upto Previous Year						
Net Loans Opening	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Add : Drawal(s) during the year						
Less : Repayments(s) of Loans during the year						
Net Loan Closing	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Average Net Loan	1364.20	1364.20	1364.20	1364.20	1364.20	1364.20
Rate of Interest on Loan			0%	8.8400%	8.8400%	8.8400%
Interest on Loan				120.60	120.60	120.60
Weighted Average Rate of Interest on Loans						

Petitioner

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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, 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, 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 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

Johnson Joseph
Chief Manager

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





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

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





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Particulars	1	2	3	4	5	6	7
Gross Normative Loan - Opening					1,364.20	1,463.96	1,463.96
Cumulative repayment of Normative Loan upto previous year						44.44	154.86
Net Normative loan - Opening					1,364.20	1,419.52	1,309.10
Increase/Decrease due to ACF during the Year					99.76		
Repayments of Normative Loan during the year					44.44	110.42	110.42
Net Normative loan - Closing					1,419.52	1,309.10	1,198.68
Average Normative Loan					1,391.86	1,364.31	1,253.89
Weighted average Rate of Interest on actual Loans					8.8400%	8.8400%	8.8400%
Interest on Normative loan					51.27	120.60	110.84

(Rs in Lacs)

Calculation of Interest on Normative Loan

POWERGRID CORPORATION OF INDIA LTD.

NORTH EASTERN REGION

North East/Northern Western Interconnector I Transmission System

315 MVA, 400/220 KV ICT II at Misa S/S alongwith associated bays : DOCO :01-

NOV-2011

(Article paid)

Name of the Transmission Licensee:

Name of Region:

Name of the Project:

Name of the Transmission Element:



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Sl.N o.	Particulars	Existing 2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
1		2					
1	O and M Expenses		8.30	8.77	9.27		
2	Maintenance Spares		14.94	15.79	16.69		
3	Receivables		75.24	77.12	76.51		
4	Total Working Capital		98.48	101.68	102.47		
5	Rate of Interest		13.00	13.00	13.00		
6	Interest on Working Capital		5.33	13.22	13.32		

(Rs in Lacs)

Calculation of Interest on Working Capital

POWERGRID CORPORATION OF INDIA LTD.

NORTH EASTERN REGION

North East/Northern Western Interconnector I Transmission System

315 MVA, 400/220 KV ICT II at Misa S/S alongwith associated bays : DOCO : 01-

NOV-2011 (Awarded)

Name of the Transmission
Element:
Name of the Project:
Name of Region:
Licensee:
Name of the Transmission



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

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06.04.2011

Assistant General Manager & Relationship Manager

[Handwritten Signature]

01.04.2011

We confirm that the SBAR (SBI's Prime Lending Rate) was 13.00% as on

CERTIFICATE : STATE BANK OF INDIA ADVANCE RATE (SBAR)

TO WHOM IT MAY CONCERN

Ref. No.:

Date :

Tel: 23353115, 23353187, 23353022, 23356817 | Fax: 23353101, 23352793

कार्यालय: बी.आर. एम्. रोड, गुरुगढ़ शाखा, जवाहर व्यापार भवन,
11वीं व 12वीं मंज, 1, टॉल्डो मार्ग, नई दिल्ली-110001
Corporate Accounts Group Branch, Jawahar Vyapar Bhawan,
11th & 12th Floor, 1, Tolstoy Marg, New Delhi-110001

भारतीय स्टेट बैंक
State Bank of India



Draw Down Schedule for Calculation of IDC & Financing Charges

Name of the Transmission Licensee:

Name of Region:

Name of the Project:

Name of the Transmission Element:

POWERGRID CORPORATION OF INDIA LTD.
NORTH EAST/NORTHERN WESTERN INTERCONNECTOR I TRANSMISSION SYSTEM
315 MVA, 400/220 KV ICT II at Misa S/S alongwith associated bays : DOCO : 01-
NOV-2011 (Amtd/para'd)

(Rs in Lacs)

Sl.No	Particulars	Quarter 1			Quarter 2			Quarter n(COD)		
		Quantum In Foreign Currency	Exchange Rate on Draw	Amount In Indian Rupee	Quantum In Foreign Currency	Exchange Rate on Draw	Amount In Indian Rupee	Quantum In Foreign Currency	Exchange Rate on Draw	Amount In Indian Rupee
1.	Loans									
1.1	Foreign Loans									
1.2	Indian Loans									
1.2.1	Proposed Domestic Loan									
	Draw Down Amount			1364.20						
	IDC									
	Financing Charges									
	Total Indian Loans			1364.20						
	Draw Down Amount									
	IDC									
	Financing Charges									
	Total of Loans Drawn			1364.20						
	Draw Down Amount									
	IDC									
	Financing Charges									
2	Equity									
2.1	Foreign Equity Drawn									
2.2	Indian Equity Drawn									584.66
	Total Equity Deployed									584.66

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.

Petitioner





Power Grid Corporation of India Ltd.
Gurgaon-122001 (HARYANA)
Authorised Signatory
Manoj

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Copy: Chief Manager (Comm. CC), Gurgaon - for kind information
Attn: Sr. Jene Jase

NIO:

Addl. General Manager (Comm.)

(A. Patil)

Yours Faithfully

Thanking you

Accordingly, list of all assets included in main BPTA stands updated after inclusion of new trans. Lines. Updated list of all assets of POWERGRID in NER Trans. System is enclosed herewith at Annexure - A.

A separate BPTA (which is a part of the original BPTA) has also been signed between POWERGRID and beneficiaries of NER Trans. System.

After signing of main BPTA, scheme for grid strengthening in NER as "Missing Link Transmission System in NER" has been approved in 56th NERE Board meeting on 04th February, 2006 held at Delhi.

As per clause no. 2.0 under Transmission System in NER of the main BPTA signed between POWERGRID and beneficiaries of NER Trans. System, transmission systems/lines which may be added by POWERGRID during the course of the agreement as approved by CEA/MOP/RPC shall also form a part of this agreement.

Subject: Updated list of POWERGRID assets in NER included in BPTA.

1. Chief Engineer (Power), W/E Zone, Deptt. of Power, Govt. of Ar. Pradesh, Itanagar - 791 111
2. General Manager (Coml.-Tariff), ASEB, Bijulee Bhawan, Patan Bazar, Guwahati - 781 001
3. Chief Engineer (Power), Electricity Department, Govt. of Manipur, Keishampat, Imphal - 795 001
4. Director (Finance), MeECL, Lumjingsha, Short Round Road, Shillong - 793 001
5. Engineer-in-Chief, Electricity Deptt., Govt. of Mizoram, Khata, Aizwal - 796 001
6. Chief Engineer (Power), Deptt. of Power, Govt. of Nagaland, Kohima - 797 001
7. AGM (Comm. & SO), TSECL, Banamalipur, Agartala - 799 001

To,

REF: NESH/COML/N-59/276

DATE: 05-08-2010

NORTH EASTERN REGION

Dongtieh, Lower Nongrah, Lapalang, Shillong - 793 006
Telephone: (0364) 2535849 (Off.) Fax: (0364) 2535849

(A Government of India Enterprise)

POWER GRID CORPORATION OF INDIA LIMITED

आक इंडिया लिमिटेड
आक बिड कारपोरेशन

End. 6

ANNEXURE - A (P/1)

Updated List of NER assets in BPTA

Sl. No.	System	Name of the lines
1.	ATS of Kopili - Khandong: (Kopili Transmission, Additional Transmission Lines & Gohpur - Itanagar Transmission Line)	(i) 220 kV D/C Kopili - Misa - Samaguri (ii) 132 kV S/C Khandong - Kopili (iii) 132 kV S/C Khandong - Khiehrat- I (iv) 132 kV S/C Khandong - Halhlong (v) 132 kV S/C Halhlong - Jiribam (vi) 132 kV S/C Jiribam - Aizawl (vii) 132 kV S/C Aizawl - Kumarghat (viii) 132 kV S/C Aizawl - Zemabawk. (ix) 132 kV S/C Gohpur - Itanagar (Nirjuli)
2.	Loktak Transmission	(i) 132 kV S/C Loktak - Imphal (POWERGRID) (ii) 132 kV S/C Imphal (POWERGRID) - Imphal (Manipur) [Loktak- Imphal (Manipur) line is done LLO at POWERGRID Imphal S/s] (iii) 132 kV S/C Loktak - Jiribam - II
3.	Kathalguri Transmission	(i) 400 kV D/C Kathalguri - Martani (ii) 400 kV D/C Martani - Misa (iii) 400 kV Kathalguri - Misa (iv) 400 kV D/C Misa - Balipara (v) 400 kV D/C Balipara -Bonggaigaon. (vi) 400 kV D/C Bonggaigaon - Malda as Inter- Regional line. [Bonggaigaon - Malda line has been newly configured as Bonggaigaon - New Siliguri Inter Regional line from 01.10.2005 after LLO at New Siliguri] (vii) 220 kV S/C Balipara - Tezpur
4	Doyang Transmission	(i) 220 kV D/C Dimapur - Misa (ii) LLO of 220 kV D/C Kopili - Samaguri at Misa. (iii) LLO of 132 kV D/C Martani - Dimapur at Dimapur. (iii) 132 kV D/C Doyang - Dimapur (iv) 132 kV S/C Dimapur - Imphal

Contd. to P/2

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





Contd. to P/3

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

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The 56th NERRE Board meeting on 04th February, 2006 held at Delhi approved the following scheme for grid strengthening in NER as "Missing Link Transmission System in NER".

As per clause no. 2.0 under Transmission System in NER of the main BPTA, transmission systems/lines which may be added by POWERGRID during the course of the agreement as approved by CEA/MOP shall also form a part of this agreement.

In line with the above clause of the main BPTA, the scheme "Missing Link Transmission System in NER" is also a part of the said BPTA.

10. MISSING LINK TRANSMISSION SYSTEM IN NER
9. Rangamadi - Ziro Line
(i) 132 KV S/C Rangamadi - Ziro Line
8. Rangamadi Transmission
(i) 400 KV D/C Rangamadi - Balipara.
(ii) 132 KV S/C Rangamadi (Dikrong) - Nituli.
(v) 132 KV S/C Badarpur - Jirbarn
(vi) 132 KV S/C Badarpur - Kumarghat
(vii) 132 KV S/C Badarpur - Kolasib
(viii) 132 KV S/C Kolasib - Aizawl.
7. Augmentation Transmission Scheme
(i) 132 KV S/C Khandong - Khliehriat - II
(ii) 132 KV S/C Khliehriat (POWERGRID) - Khliehriat (MSEB)
[Khandong-Khliehriat (MSEB) line is done LLO at POWERGRID
Khliehriat S/s].
(iii) 132 KV S/C Khliehriat - Badarpur
(iv) 132 KV S/C Badarpur (POWERGRID) - Badarpur (ASEB)
6. Kopili Extension Transmission
(i) 220 KV Kopili - Misa (S/C string on D/C towers)
(ii) 132 KV S/C R C Nagar - Kumarghat.
5. Agartala Transmission
(i) 132 KV D/C Agartala (R C Nagar) - Agartala (Tripura).
(ii) 132 KV S/C R C Nagar - Kumarghat.

ANNEXURE - A (P/2)



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

Contd. to P/4

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- 132 kV Pasighat – Tezu – Namsai Line
- 132 kV D/C Line.
- Mokokchung (PG) – Mokokchung (Nagaland) inter connecting D/C Line
- Mariami New 220 kV Sw. Stn. (PG) – Mokokchung (PG) 220 kV inter connecting 132 kV D/C line.
- LILO of Loktak – Imphal 132 kV S/C Line at Imphal New (PG)
- Silchar – Imphal New (PG) 400 kV D/C Line (charged at 132 kV) 132 kV D/C Line
- * Melriat (Aizwal) New (PG) – Melriat (Aizwal) S/S interconnecting Silchar – Melriat New (PG) 400 kV D/C Line (charged at 132 kV).
- Silchar – Purba Kanchan Bari (TSECL) 400 kV D/C Line (charged at 132 kV).
- Pallatana – Surajmani Nagar (TSECL) 400 kV D/C Line (charged interconnecting 132 kV D/C Line.
- Silchar 400 kV Substation - Badarpur (PG) 132 kV Sw. Stn. BTPS (NTPC) – Bongaigaon (POWERGRID) 400 kV D/C Line.

Transmission Line

11. ATS and System strengthening of Inter-state/Regional System proposed under POWERGRID scope of works. (Pooled System of NER)

THE CONSTITUENTS.

SEPARATE BPTA (WHICH IS A PART OF THE ORIGINAL BPTA) FOR THE FOLLOWING NEW TRANSMISSION SCHEMES HAS BEEN SIGNED BY ALL

- (i) 1 x 160 MVA 220/132 kV transformer at Kopili with associated bays.
- (ii) 1 x 100 MVA, 220/132 kV transformer at Dimapur sub station with associated bays.

Sub stations:

- (i) 132 kV S/C Kopili – Khandong line with Zebra conductor (12 km) with associated bays at Kopili and Khandong.
- (ii) 132 kV S/C LILO of Dimapur (Nagaland) – Kohima (Nagaland) at Dimapur (POWERGRID) (1 km) with associated line bays at Dimapur (POWERGRID).

Transmission Lines:

Under Missing Link Transmission System:-



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

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Contd. to P/5

- (a) Transmission system for immediate evacuation of power from Subansiri Lower.
 (Transmission charges to be shared by the beneficiaries of Subansiri Lower in proportion to their allocations from the generation project.)
 2 x 400 KV D/C Lower Subansiri – Bishwanath Charlyali Transmission Lines (twin lapwing)
3. AT/Inter – Regional System for Subansiri Lower and Kameng HEPs:
 (a) 2nd 315 MVA, 400/220 KV ICT at Misa (to be covered under Kameng ATS Scheme).
 Biswanath Charlyali (PG) - Biswanath Charlyali (AEGCL) 132 KV D/C inter connecting line (to be covered under NER-NR/WR inter connector scheme).
 (b) 2 x 200 MVA, 400/132/33 KV transformers at Bishwanath Charlyali (to be covered under inter connector scheme).
 (c) AT/Inter – Regional System for Subansiri Lower and Kameng HEPs:
2. NER transmission system for Subansiri Lower and Kameng. (Transmission charges to be pooled with in the Regional System of NER)
 (ii) Substation
 • Silchar 400 KV Substation – Srikona (AEGCL) 132 KV S/S Interconnecting 132 KV D/C Line.
 • Silchar 400 KV Substation – Hailakandi (AEGCL) 132 KV S/Stm. Interconnecting 132 KV D/C Line.
 * 2 x 200 MVA, 400/132 KV Substation at Silchar.
 * 132 KV Substation at Meirat New (PG) upgradable to 400 KV S/S with 2 x 50 MVA, 132/33 KV.
 * 132 KV Substation at Imphal New (PG) upgradable to 400 KV S/S with 2 x 50 MVA, 132/33 KV.
 * New 220 KV Switching station at Mariani (PG) by LIO of one circuit of Kathalguri – Misa 220 KV line.
 * New 220/132 KV Substation at Mokochung (PG) with 2 x 50 MVA 220/132 KV.
 * 2 x 12.5 MVA, 132/33 KV Substation at Roing.
 * 2 x 12.5 MVA, 132/33 KV Substation at Tezu.
 * 2 x 12.5 MVA, 132/33 KV Substation at Namsai.



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Plot No. 2, Sector-29, Gurgaon-122001 (HARYANA)

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- (i) +/- 800 KV, 6000MW HVDC Bi- Pole Bishwanath Charlyali - Agra Line
- (ii) 400 KV D/C Balipara - Bishwanath Charlyali Transmission Line
- (iii) LLO of 400 KV D/C Ranganadi - Balipara Transmission Line at Bishwanath Charlyali.
- (iv) Establishment of Pooling Station at Bishwanath Charlyali
- (v) HVDC rectifier module of 3000 MW at Bishwanath Charlyali.
- (vi) HVDC inverter module of 3000 MW capacity at Agra.
- (vii) Augmentation of 400 KV Agra Substation by 1 x 315 MVA.

(TRANSMISSION CHARGES TO BE SHARED BY THE STATES OF NR AND WR)

4. North-East - North/Western Interconnector - I
- (i) 400 KV D/C Kameng - Balipara Transmission Line
 - (ii) 400 KV D/C Balipara - Bongaigaon Transmission Line (Quad conductor) with 30% Fixed Series Compensation at Balipara end.
- (b) Transmission system for immediate evacuation of power from Kameng
Transmission charges to be shared by the beneficiaries of Kameng in proportion to their allocations from the generation project.)

ANNEXURE - A (P/5)



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Form No.	Form Name	Yes	No
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	Yes	
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	Loans in Foreign Currency	Not applicable and hence not enclosed	
FORM-13C	Calculation of Interest on Working Capital	Yes	
FORM-14	Draw down Schedule for Calculation of IDC & Financing Charges	Yes	
Other Information/ Documents	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 CERCL)	- 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.	Corporate and NER balance sheet for 2010-11 to be furnished, shortly	
3	Copies of relevant loan Agreements	- Not Applicable	
4	Copies of the approval of Competent Authority for the Capital Cost and Financial package.	Enclosed	
5	Copies of the Equity participation agreements and necessary approval for the foreign equity.	Equity contribution by GOI (69.42%) and others(30.58%)	
6	Copies of the BPTA/TSA with the beneficiaries, if any	Enclosed	
7	Detailed note giving reasons of time and cost over run, if applicable.	Enclosed	
8	Any other relevant information, (Please specify)	-Not Applicable	

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

Name of the Company: Power Grid Corporation of India Ltd.

Name of the Project : North East/Northern Western Interconnector I and Transmission System of Kameng HEP in NER for tariff block 2009-14

Name of the Element: 315 MVA, 400/220kV ICT II at Misa S/S alongwith associated bays

PART-III

CHECK LIST

End. 7.