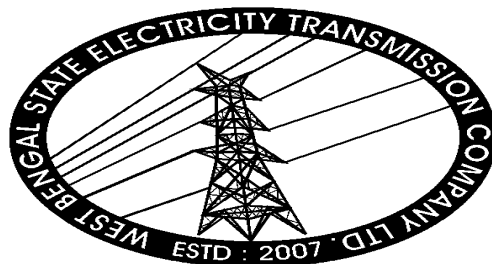


WEST BENGAL  
STATE ELECTRICITY  
TRANSMISSION COMPANY LIMITED



WBSETCL

VOLUME – II

DATA FORMS

Annexure – 1, 5, 6 & 7

TARIFF PETITION FOR THE YEAR  
2008 – 09, 2009 - 10 & 2010 - 11

Submitted to the  
HON'BLE WEST BENGAL ELECTRICITY  
REGULATORY COMMISSION

List of Forms contained in Annex 1

<b>Form No.</b>	<b>Description</b>
Form 1.9 ( a )	Energy received for Wheeling
Form 1.9 ( d )	Energy wheeled at Delivery Point
Form 1.13	Expenditure – Transmission of Energy
Form 1.14	Average System Demand for Transmission Systems
Form 1.17	Other expenses - Centrally maintained
Form 1.17 ( a )	Interest on temporary accommodation
Form 1.17( b )	Interest on working capital
Form 1.17 ( c )	Other finance charges
Form 1.17(d)	Foreign Exchange Rate Variation (FERV)
Form 1.17(e)	Advance Against Depreciation (AAD)
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Form 1.18	Original Cost of Fixed Assets
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Form 1.26	Income other than sale of Energy
Form B	Details of Depreciation chargeable to revenue account for the year (Yearwise)
Form C	Statement of Loans And Calculation of Interest thereon for the year (Yearwise)
Form E (T)	Summarized Revenue Requirement (Transmission)

**Form 1.9 (a) : Energy received for Wheeling**

Ref.	Particulars	Base Year	MU		
			Ensuing Years		
			One	Two	Three
			Projected		
	Estimated	2007-08	2008-09	2009-10	2010-11
1.		0	0	0	0
2.					
etc.					

**Form 1.9 ( d ) : Energy wheeled at Delivery Point**

Ref.	Particulars	Base Year	Ensuing Year		
			One	Two	Three
			Projected		
			Estimated		
1.		0	0	0	0
2.					
etc.					

**Form 1.13 : Expenditure - Transmission of Energy**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Year			Basis for estimation for ensuing year
			One	Two	Three	
			Projected			
			2007-08	2008-09	2009-10	
	Expenses on Transmission of Energy Excludes Expenses shown under any other head					
(i)	Consumption of stores & spares					
(ii)	Repairs & Maintenance (excluding salaries etc. & stores)	1382	1647	1632	1697	
	Buildings					
	Transmission & Distribution					
	Assets					
	Others					
(iii)	Employee Costs	4579	4990	5489	6037	
	Salaries & Wages					
	Bonus					
	Contribution to Funds					
	Welfare Expenses					
(iv)	Depreciation	8469	10571	12302	14033	As per Form B
(v)	Travelling Expenses					
(vi)	Vehicle Maintenance					
(vii)	Telephone Expenses					
(viii)	Security Charges					
(ix)	Other Management & Administrative Expenses	833	865	924	1074	
(x)	Expenses due to Penalty, Fines etc.					
(xi)	Other Finance Charges	7	6	4	4	
	<b>Overall (1.13) Transmission)</b>	<b>15271</b>	<b>18079</b>	<b>20350</b>	<b>22846</b>	

**Form 1.14 : Average System Demand for Transmission System**

MW

Season/ Time of the day	Base Year	Ensuing Years		
	Estimated	One	Two	Three
		Projected		
	2007-08	2008-09	2009-10	2010-11
<b>1. Summer</b>	<b>3247.50</b>	<b>3572.50</b>	<b>3929.50</b>	<b>4322.50</b>
<b>2. Monsoon</b>	<b>3271.25</b>	<b>3598.75</b>	<b>3958.25</b>	<b>4354.00</b>
<b>3. Winter</b>	<b>2960.00</b>	<b>3256.25</b>	<b>3581.75</b>	<b>3939.75</b>
<b>Grand Total :</b>	<b>3159.58</b>	<b>3475.83</b>	<b>3823.17</b>	<b>4205.42</b>

Note :

1. Average System Demand means average of the daily peak for the concerned period.

**Form 1.17 : Other expenses centrally maintained**

Rs. In Lakhs

Ref.	Particulars	Base Year	Ensuing Years			Basis for estimation for ensuing year
			One	Two	Three	
			Projected			
			Estimated	2008-09	2009-10	
(a)	Rent, Rates & Taxes (Other than taxes on income & profits)	65	70	75	80	
(b)	Interest					
(i)	Interest on Capital Expenditure, Loans & Public Deposits [Form C]	16570	17242	15967	15515	
(ii)	Interest on Temporary Accommodation [Form 1.17(a)]	100	100	100	100	
(iii)	Interest on Working Capital [Form 1.17(b)]	674	809	785	781	
(iv)	Interest on Security Deposits at rates specified by the Commission calculated on average basis	0	0	0	0	
(v)	Interest on advance from consumers	0	0	0	0	
(vi)	Other Finance Charges [Form 1.17(c)]	350	260	157	173	
(vii)	Lease Rental	36	36	36	36	
(viii)	Delayed Payment Surcharge	0	0	0	0	
(ix)	Interest on Bond for Pension Fund [Form C]	2295	2295	2295	2295	
(c)	Bad Debts (see regulation 4.10.1)	0	0	0	0	
(d)	Legal Charges	20	30	40	45	
(e)	Consultancy Fees, charges and expenses	19	17	5	5	
(f)	Auditors' Fees	16	25	26	26	
(g)	Investments					
(h)	Advance against Depreciation [Form 1.17(e)]	0	1901	1000	0	
(i)	Foreign Exchange Rate Variation on Loan repayments [Form 1.17(d)]	0	0	0	0	
(j)	Other Admin. Expenses	41	40	275	302	
(k)	Insurance Premium Payable [Form 1.17(f)]	1	1	2	2	
(l)	Employee costs & Directors' fees & expenses	927	1313	1504	1654	
(i)	Salaries & Wages					
(ii)	Bonus					
(iii)	Contribution to Funds					
(iv)	Welfare Expenses					
(v)	Directors' fees & expenses					
(vi)	Others (specify) if any					
(m)	Repairs & Maintenance (excluding salaries etc. & stores)	6	8	19	20	
(n)	Impact of Service Tax on Repairs & Maintenance					
(o)	Travelling Expenses					
(p)	Postage					
(q)	Security					
(r)	Intangible Assets written off					
(s)	Telephone, Telex, etc.					
(t)	Vehicle Running & Maintenance					
(u)	General Establishment Charges	361	297	308	341	
(v)	Terminal Benefits *	1334	1437	1498	1538	
(w)	Taxes on Income / Profit	452	1201	1323	1389	
(x)	Special Allocation(including Pr. Exp. Written off)	626	1683	967	1101	
(xi)	Fringe Benefit Tax	40	44	48	53	
	<b>Overall (1.17)</b>	<b>23933</b>	<b>28810</b>	<b>26429</b>	<b>25456</b>	

\* Terminal benefits on account of Pension has been considered as 15% of (Pay + D.A.) and on account of G&GI as 3% of (Pay + D.A.).

The additional liability occurred in Pension and Gratuity due to AS 15@ amounting to Rs.4619 lacs per year starting from 2007-08 for 5 years has been apportioned between WBSETCL & WBSEDCL in the ratio of employees strength as on 31.03.07 i.e. 8.78% for WBSETCL amounting to Rs.405 lakhs & 91.22% for WBSEDCL amounting to Rs.4214 lacs per year for 5 years.

**Form 1.17(a) : Interest on Temporary Accommodation**

Rs. In Lakhs

Particulars	Previous Year				Base Year	Ensuing Years		
	Four	Three	Two	One		One	Two	Three
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected		
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Opening Balance					3000	5000	5000	5000
Repayment for the year					3000	5000	5000	5000
Closing Balance					0	0	0	0
Interest on Temporary Accommodation					100	100	100	100
<b>Total :</b>	0	0	0	0	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

**Form 1.17(b) : Interest on Working Capital**

Rs. In Lakhs

Particulars	Previous Year				Base Year	Ensuing Years		
	Four	Three	Two	One		One	Two	Three
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected		
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Working Capital:								
A. Gross Sales					53383	63179	65197	68407
B1. Less: Depreciation					8469	10571	12302	14033
B2. Less: Deferred Revenue Expenditure					100	100	100	100
B3. Less: Return on Equity					10464	11274	12796	14481
B. Total deductions: (sum B1:B3)					19033	21945	25198	28614
C. Allowable Gross Sales for Working Capital					34350	41234	39999	39793
D. Allowable Interest on Working Capital @18% on C					6183	7422	7200	7163
E. Interest at State Bank Short Term PLR rate or at actual rate of borrowing, whichever is less					674	809	785	781
F. Interest on Working Capital					674	809	785	781

**Form 1.17( c ) : Other Finance Charges**

Rs. In Lakhs

Particulars	Previous Year				Base Year	Ensuing Years		
	Four	Three	Two	One		One	Two	Three
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected		
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Guarantee Commission					344	254	151	122
Front-End Fees								
Bank Charges					1	1	1	1
Public Deposit and Advance against Electricity Bill								
L/C Opening charges					5	5	5	50
Fees and Expenses for Restructuring								
Cost of Hedging								
Others:								
i )Penal interest on Capital Liabilities								
ii) Interest On GPF								
iii) Interest on arrear pay								
iv) Banking Cash Transaction Tax					0	0	0	0
Sub Total					0	0	0	0
<b>Overall</b>					<b>350</b>	<b>260</b>	<b>157</b>	<b>173</b>



**Form 1.17(d) : Foreign Exchange Rate Variation (FERV) - Yearwise**

Rs. In Lakhs

For the Ensuing Year	Amount of Loan Repayable in Foreign Currency	Actual/ Estimated Rate of Repayment	Original Rate of Drawal	FERV for the year
	(1)	(2)	(3)	4=1x(2-3)
Loan 1				
Loan 2 and so on				
<b>Overall</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

**Form 1.17(e) : Advance against Depreciation**

Rs. In Lakhs

Particulars	Previous Year				Base Year	Ensuing Years		
	Four	Three	Two	One		One	Two	Three
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected		
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1. Repayment as per Form C					0	9010	8320	4942
2. Depreciation as per Form B					0	859	859	859
3. Additional Fund requirement (1-2, if 1>2)					0	8151	7461	4083
4. Maximum ceiling of Advance depreciation					0	1901	1000	168
5. Advance against depreciation (lower of 3 & 4)					0	1901	1000	168

**Form 1.17(f) : Insurance Premium Payable**

Rs. In Lakhs

Particulars	Previous Year				Base Year	Ensuing Year		
	Four	Three	Two	One		One	Two	Three
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected		
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
Insurance					1	1	2	2
<b>Overall</b>					<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>

**Form 1.17(g) : Interest Credit**

Rs. In Lakhs

Particulars	Previous Year				Base Year	Ensuing Year		
	Four	Three	Two	One		One	Two	Three
	Actuals	Actuals	Actuals	Actuals	Estimated	Projected		
	2003-04	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
1. Depreciation as per Form B					8469	10571	12302	14033
2. Repayment as per Form C					8045	19137	19348	16720
3. Excess Fund created (1-2, if 1>2)					424	0	0	0
4. Weighted average rate of interest of existing loan					10.9	10.9	10.9	10.9
5. Interest credit					46	0	0	0
<b>Overall</b>								

**Form 1.18 : Original Cost of Fixed Assets**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Years		
			One	Two	Three
		Estimated	Projected		
		2007-08	2008-09	2009-10	2010-11
(1)	Transmission Assets				
(a)	At the beginning of the year	234133	311637	370524	424224
(b)	Additions during the year	77504	58887	53700	57700
(c)	Retirements during the year	0	0		
	Total (1) = a+b-c	311637	370524	424224	481924
(2)	Less : Contribution from consumers including advance from them	0	0		
(3)	<b>Total (1-2)</b>	<b>311637</b>	<b>370524</b>	<b>424224</b>	<b>481924</b>

**Form 1.18 ( a ) : Original Cost of Works in Progress**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Year		
			One	Two	Three
		Estimated	Projected		
		2007-08	2008-09	2009-10	2010-11
(1)	Opening Balance	132620	112516	125283	158876
(2)	Additional Capital Expenditure for the year	57396	71654	87293	92786
	( a ) Plan Out lay	11635	8030	15000	25000
	( b ) Outside Plan Out lay	40320	53196	55778	46166
	( c ) Interest & other exp. During Construction * *	5441	10428	16515	21620
(3)	Amount transferred to Fixed Assets	77500	58887	53700	57700
(4)	Closing Balance	112516	125283	158876	193962

\* \* Details of Int. &amp; Other Exp. Capitalised

Interest Capitalised	4000	8862	14115	19220
Emp. Cost Capitalised	1093	1203	1820	1820
Administrative & General Expenses Capitalised	348	363	580	580

**Form 1.18 ( b ) : Intangible Assets**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Year		
			One	Two	Three
		Estimated	Projected		
		2007-08	2008-09	2009-10	2010-11
1.	Cumulative Opening Balance (Gross)				
2.	Cost incurred during the year				
3.	Gross Intangible Asset at the end of the year (1+ 2)	N	I	L	
4	Cumulative Amount written off at the beginning of the year				
5	Amount written off during the year				
6	Cumulative amount written off at the end of the year (4 + 5)				
7	Cumulative Closing Balance (Gross) (3-6)				

**Form 1.18 c(i) : Investments**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Year		
			One	Two	Three
		Estimated 2007-08	Projected		
		2008-09	2009-10	2010-11	
1	In Govt. Security				
2	Share in Public Ltd Company NTESC				
3	Fixed Deposit with Bank	3000	3000	3500	3500
4	On account of autosweep				
5	Others				
	<b>Total</b>	<b>3000</b>	<b>3000</b>	<b>3500</b>	<b>3500</b>

**Form 1.18 c(ii) : Income from Investments**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Year		
			One	Two	Three
		Estimated 2007-08	Projected		
		2008-09	2009-10	2010-11	
1	In Govt. Security				
	Investments				
2	Share in Public Ltd Company NTESC				
3	Fixed Deposit with Bank				
4	On account of autosweep				
5	Others	250	300	300	300
	<b>Total</b>	<b>250</b>	<b>300</b>	<b>300</b>	<b>300</b>

**Form 1.19(a) : Capital Expenditure for the year**

Rs. In Lakhs

Ref.	Particulars	Previous Year	Base Year	Ensuing Year		
		One		One	Two	Three
		Actual	Estimated	Projected		
		2006-07	2007-08	2008-09	2009-10	2010-11
A	General Capital Expenditure					
	Transmission Capital Expenditure					
	Plan		12129	9360	17309	28267
	Outside Plan		45267	62294	69984	64519
A	<b>Overall General Capital Expenditure</b>	<b>0</b>	<b>57396</b>	<b>71654</b>	<b>87293</b>	<b>92786</b>
B	Special Projects as per Note 2 of Form 1.18					
	Transmission					
	Overall Special Projects	0	0	0	0	0
	<b>Capital Expenditure (A+B)</b>	<b>0</b>	<b>57396</b>	<b>71654</b>	<b>87293</b>	<b>92786</b>

## Form 1.19(b) : Overall Capital Expenditure Programme

Rs. In Lakhs

Ref.	Particulars	Original Project Cost (as latest approved)	Cumulative Expenditure upto 2005-06	Cumulative Expenditure	Previous Year				Base Year	Ensuing Years			Expenditure to be spilled beyond Control period
					Four	Three	Two	One		One	Two	Three	
					Actuals	Actuals	Actuals	Actuals		Estimated	Projected		
							2006-07	2007-08	2008-09	2009-10	2010-11		
<b>A</b>	<b>Capital Expenditure Plan for the existing on going Projects</b>												
	<b>Stationwise</b>												
	<b>Under Plan Scheme</b>												
(a)	Transmission Capital Expenditure												
	I) JBIC	52206.00	49569.00				617.00	1635.00	385.00				
	ii) RIDF	19091.00	301.00				2695.00	10000.00	6095.00				
	<b>Sub-Total (a)</b>	<b>71297.00</b>	<b>49870.00</b>				<b>3312.00</b>	<b>11635.00</b>	<b>6480.00</b>				
	<b>Under Outside Plan Scheme</b>												
(b)	i) Tran.Normal (O&M)	82927.91	68192.75				3435.16	2350.00	4150.00	4300.00	500.00		
	ii) Tran. Project												
	PFC Funded Scheme	41788.00	3670.00				9386.00	12200.00	10032.00	6500.00			
	REC Funded Scheme	57797.00	1190.00				7075.00	16076.00	21756.00	11700.00			
	Load Despatch	0.00	0.00				0.00	0.00	0.00	0.00	0.00		
	Communication	455.00	0.00				0.00	310.00	20.00	125.00			
	Testing / CTD	656.73	608.82				47.91	0.00	0.00	0.00			
	<b>Sub-Total (b-ii)</b>	<b>100696.73</b>	<b>5468.82</b>				<b>16608.91</b>	<b>28586.00</b>	<b>31808.00</b>	<b>18325.00</b>	<b>0.00</b>		
	<b>Sub-Total (b)</b>	<b>183624.64</b>	<b>73661.57</b>				<b>20044.07</b>	<b>30936.00</b>	<b>35958.00</b>	<b>22625.00</b>	<b>500.00</b>		
	<b>Overall Capital Expenditure Plan for Existing On going Projects</b>	<b>254921.64</b>	<b>123531.57</b>	<b>0.00</b>			<b>23256.07</b>	<b>42571.00</b>	<b>42438.00</b>	<b>22625.00</b>	<b>500.00</b>		

## Form 1.19(b) : Overall Capital Expenditure Programme

Rs. In Lakhs

Ref.	Particulars	Original Project Cost (as latest approved)	Cumulative Expenditure upto 2005-06	Cumulative Expenditure	Previous Year				Base Year	Ensuing Years			Expenditure to be spilled beyond Control period
					Four	Three	Two	One		One	Two	Three	
					Actuals	As approved by the Commission	Actuals	Actuals	Actuals	Actuals	Estimated	Projected	
							2006-07	2007-08	2008-09	2009-10	2010-11		
<b>B</b>	Capital Expenditure Projects completed in the last previous year(s) or to be completed in the Base year												
	<b>Projectwise</b>												
(a)	Transmission Capital Expenditure												
	<b>Overall Capital Expenditure Projects</b>												
<b>C</b>	Capital Expenditure Programme for new projects for which Investment Plan submitted for approval of the Commission												
	<b>Projectwise</b>												
	<b>Under Plan Scheme</b>												
(a)	Transmission Capital Expenditure												
	(i) Proposed to JBIC	54482.00	0.00					0.00	0.00	1550.00	15000.00	25000.00	
	<b>Sub-Total (a)</b>	<b>54482.00</b>	<b>0.00</b>					<b>0.00</b>	<b>0.00</b>	<b>1550.00</b>	<b>15000.00</b>	<b>25000.00</b>	
	<b>Under Outside Plan Scheme</b>												
(b)	(i) Transmission Normal (O&M)	20300.00	0.00					0.00	7700.00	6800.00	5300.00	500.00	
	(ii) Transmission Project (incl. of new survey work)	257378.00	0.00					0.00	1634.00	9420.00	26783.00	44666.00	
	Load Despatch	9592.17	0.00					0.00	0.00	500.00	500.00	500.00	
	Communication	1000.00	0.00					0.00	0.00	430.00	570.00	0.00	
	CTD	138.00	0.00					0.00	50.00	88.00	0.00	0.00	
	<b>Sub-Total (b-ii)</b>	<b>268108.17</b>	<b>0.00</b>					<b>0.00</b>	<b>1684.00</b>	<b>10438.00</b>	<b>27853</b>	<b>45166</b>	
	<b>Sub-Total (b)</b>	<b>288408.17</b>	<b>0.00</b>					<b>0.00</b>	<b>9384.00</b>	<b>17238.00</b>	<b>33153</b>	<b>45666</b>	
	<b>Overall Capital Expenditure Programme for New Projects for which investment Plan submitted for Approval of the Commission</b>	<b>342890.17</b>	<b>0.00</b>					<b>0.00</b>	<b>9384.00</b>	<b>18788.00</b>	<b>48153.00</b>	<b>70666.00</b>	
	<b>Overall Capital Expenditure (A+B+C)</b>	<b>597811.81</b>	<b>123531.57</b>					<b>23256.07</b>	<b>51955.00</b>	<b>61226.00</b>	<b>70778.00</b>	<b>71166.00</b>	
	Interest & other exp. Cap during construction							5441.35	10428.25	16515.00	21620.00		
	<b>Total Capital Expenditure</b>							<b>57,396.35</b>	<b>71,654.25</b>	<b>87,293.00</b>	<b>92,786.00</b>		



**Form 1.19(C) : Project Specifications**

Ref.	Name of the Project with brief description	As approved in Investment Plan		Latest approved revision		Target set upto last previous year	Target achieved upto last previous year	Cumulative Expenditure upto last previous year	Cumulative Expenditure upto last previous year	Reasons for variation	Estimated Target date of completion	Estimated Project Cost	Base Year	Ensuing Years			Expenditure to be spilled beyond Control period
		Target date of completion	Original Project Cost	Target date of completion	Original Project Cost									One	Two	Three	
								Actuals	As approved by the Commission				Actuals/ Estimated	Actuals/ Estimated		Projected	
	<b>Projectwise</b>																
(a)	Transmission Capital Expenditure																
	<b>Overall Capital Expenditure (A+B+C)</b>																

**Form 1.20(a) : Equity Base**

Rs. in Lakhs

Ref.	Particulars	Basis	Base Year	Ensuing Year		
				One	Two	Three
			Estimated	Projected		
			2007-08	2008-09	2009-10	2010-11
(1)	Equity Base					
a	Opening Balance at the beginning of the year		72000	75300	85764	97038
b	Actual addition/withdrawal to Equity Base for the year		3300	10464	11274	12796
c	Actual Equity Base at the end of the year	c=a+b	75300	85764	97038	109834
d	Capital Expenditure	As in Form 1.19	57396	71654	87293	92786
e	Normative Equity %		30%	30%	0	0
f	Normative addition to Equity Base	f=d*e	17219	21496	26188	27836
g	Addition to Equity base considered for the year in ARR	lower of f and b	3300	10464	11274	12796
h	Equity Base considered at the year end for ARR	h=a+g	75300	85764	97038	109834
i	Average Equity Base for the year	i=(a+h)/2	73650	80532	91401	103436

**Form 1.20(b) : Normative Debt (Equity Part converted to Debt)**

Rs. in Lakhs

Ref.	Particulars	Basis	Base Year	Ensuing Year		
			Estimated	One	Two	Three
			2007-08	2008-09	2009-10	2010-11
(2)	Debt					
a	Actual addition to Debt for the year	Form C	85664	53036	62446	64130
b	Capital Expenditure	Form 1.19	57396	71654	87293	92786
c	Normative Debt %		70%	70%	70%	70%
d	Normative addition to Debt for the year	$d = b * c$	40177	50158	61105	64950
e	Addition to Debt for the year to be considered to ARR	Higher of a and d	85664	53036	62446	64950
f	Additional Normative Debt	$e - a$	0	0	0	820
g	Opening Balance of additional Normative Debt		0	0	0	0
h	Closing Balance of additional Normative Debt	$h = f + g$	0	0	0	820

**Form 1.21 : Special Allocations**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Years		
			One	Two	Three
		Estimated	Projected		
		2007-08	2008-09	2009-10	2010-11
	Special Allocations				
(A)	Appropriation to Reserve for unforeseen exigencies	585	779	926	1061
	Handling, Scheduling and System Operation Charges for 2007-08	0	864	0	0
(B)	Primary Expense written off ( 1/5 of expenses for fees paid to company law Board for incorporation of WBSETCL including fees paid to Consultant)	40	40	40	40
	<b>Sub-Total (A)</b>	<b>626</b>	<b>1683</b>	<b>967</b>	<b>1101</b>

**Form 1.22 : Return on Equity**

Rs. in Lakhs

Ref.	Particulars	Basis	Base Year	Ensuing Year		
			Estimated	One	Two	Three
				Projected		
			2007-08	2008-09	2009-10	2010-11
(1)	Average Equity Base	Form 1.20 (a)	73650	80532	91401	103436
(2)	Rate of Return	%	0.14	0.14	0.14	0.14
<b>(3)</b>	<b>Return on equity</b>	$e=d*c/100$	<b>10464</b>	<b>11274</b>	<b>12796</b>	<b>14481</b>

**Form 1.26 : Income other than sale of Energy**

Rs. in Lakhs

Ref.	Particulars	Base Year	Ensuing Year		
		Estimated	One	Two	Three
			Projected		
			2007-08	2008-09	2009-10
A.	Other Income derived from				
(i)	Rental of meters and other apparatus hired out				
(ii)	Sale and repair of lamp and other apparatus				
(iii)	Transfer Fees (Service connection fees)				
(iv)	Income from Investments and Bank Balances	175	200	300	300
(v)	Surcharge for Late Payments				
(vi)	Income from jobs at consumer's premises				
(vii)	Transmission/Wheeling charges	300	325	350	350
(viii)	Reactive energy charge				
(ix)	Surcharge under Section 42				
(x)	Additional Surcharge under Section 42				
(xi)	Other Business Income to the extent to be passed on consumer				
(xii)	Other General receipts arising from and ancillary or incidental to the business of electricity				
	<b>Sub-Total (i to xii)</b>	<b>475</b>	<b>525</b>	<b>650</b>	<b>650</b>
B.	Net receivable UI Charges for the previous year				

**Form-B : Details of Depreciation chargeable to revenue account for the year (Yearwise)**  
**Year-2007-08**

Rs. in Lakhs

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Value of Assets classified into different rates					Other rates, if any	Land-FH	Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
					1.80%	2.57%	3.60%	6.00%	18.00%					
<b>A. Transmission Assets</b>														
Cost	234133	77504	0	307795	32744	138321	121292	13459	1979	0	3842	311637		311637
Depreciation for the year					544	3071	3788	738	328	0		8469		
Overall (Cost)	234133	77504	0	307795	32744	138321	121292	13459	1979	0	3842	311637	0	311637
Overall (Depreciation for the year)					544	3071	3788	738	328	0	0	8469		

Note:

1. Depreciation has been calculated fully on opening depreciable assets and pro-rated for the addition to assets during the year
2. Depreciation has been calculated as per prescribed rate of WBERC

**Form-B : Details of Depreciation chargeable to revenue account for the year (Yearwise)**  
**Year-2008-09**

Rs. in Lakhs

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Value of Assets classified into different rates					Other rates, if any	Land-FH	Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
					1.80%	2.57%	3.60%	6.00%	18.00%					
A. Transmission Assets														
Cost	311637	58887	0	366282	33194	169752	147256	14067	2013	0	4242	370524		370524
Depreciation for the year					593	3959	4834	826	359	0		10571		
Overall (Cost)	311637	58887	0	366282	33194	169752	147256	14067	2013	0	4242	370524	0	370524
Overall (Depreciation for the year)					593	3959	4834	826	359	0	0	10571		

Note:

1. Depreciation has been calculated fully on opening depreciable assets and pro-rated for the addition to assets during the year
2. Depreciation has been calculated as per prescribed rate of WBERC



**Form-B :Details of Depreciation chargeable to revenue account for the year (Yearwise)  
Year-2009-10**

Rs. in Lakhs

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Value of Assets classified into different rates					Other rates, if any	Land-FH	Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
					1.80%	2.57%	3.60%	6.00%	18.00%					
A. Transmission Assets														
Cost	370524	53700	0	419582	38024	194454	168685	16113	2306	0	4642	424224		424224
Depreciation for the year					641	4680	5687	905	389	0		12302		
Overall (Cost)	370524	53700	0	419582	38024	194454	168685	16113	2306	0	4642	424224	0	424224
Overall (Depreciation for the year)					641	4680	5687	905	389	0	0	12302		

Note:

1. Depreciation has been calculated fully on opening depreciable assets and pro-rated for the addition to assets during the year
2. Depreciation has been calculated as per prescribed rate of WBERC

**Form-B : Details of Depreciation chargeable to revenue account for the year (Yearwise)  
Year-2010-11**

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the year put into use	Assets fully depreciated	Assets to be depreciated during the year	Value of Assets classified into different rates					Other rates, if any	Land-FH	Total	Retirements of Original Cost of Assets during the year	Rs. in Lakhs
					1.80%	2.57%	3.60%	6.00%	18.00%					Closing Balance of Original Cost of Assets
A. Transmission Assets														
Cost	424224	57700	0	476882	43217	221009	191721	18314	2621	0	5042	481924		481924
Depreciation for the year					731	5339	6487	1033	443	0		14033		
Cost	424224	57700	0	476882	43217	221009	191721	18314	2621	0	5042	481924	0	481924
Overall (Depreciation for the year)					731	5339	6487	1033	443	0	0	14033		

Note:

1. Depreciation has been calculated fully on opening depreciable assets and pro-rated for the addition to assets during the year
2. Depreciation has been calculated as per prescribed rate of WBERC

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2007-2008																
(Rs. in Crores)																
Sl No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	On Capital Accounts															
A) 1.	LICI - Bond															
2.	LICI - Bond															
	Total (A)	0.00	0.00					0.00		0.00			0.00	0.00		
B)	MARKET LOAN (BOND)															
	a) 11.50% M.B	222.72	222.72	11.50						25.61			25.61	222.72		
	b) 12.00% M.B.	53.31	53.31	12.00						6.40			6.40	53.31		
	Total (B)	276.03	276.03					0.00		32.01			32.01	276.03		
C)	MARKET LOAN (BOND)															
	a) 8.50% M.B in pursuance to creation of Pension Fund	270.00	270.00	8.50				0.00		22.95			22.95	270.00		
	Total (C)	270.00	270.00					0.00		22.95			22.95	270.00		
	Total Bond (A+B+C)	546.03	546.03					0.00		54.96			54.96	546.03		

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2007-2008																
(Rs. in Crores)																
SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D)	PFC Ltd.	128.31	128.31	10.90	0.00			15.00	108.86	19.92	0.00	0.00	19.92	222.17		
	Total (D)	128.31	128.31	10.90	0.00			15.00	108.86	19.92	0.00	0.00	19.92	222.17		
E)	REC Ltd.	73.12	73.12	10.90				0.00	227.23	20.35	0.00	0.00	20.35	300.35		
	New projects Package															
	Total (E)	73.12	73.12	10.90				0.00	227.23	20.35	0.00	0.00	20.35	300.35		
F)	L.I.C.I. (Guptamani Project)	0.00	0.00	10.10				0.00	4.20	0.21	0.00	0.00	0.21	4.20		
	Total (F)	0.00	0.00	10.10				0.00	4.20	0.21	0.00	0.00	0.21	4.20		
G)	TERM LOAN FROM BANKS	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (G)	0.00														
	Total Financial Institution-2007-08 (A to G)	747.46	747.46					15.00	340.29	95.44	0.00	0.00	95.44	1072.75		

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2007-2008																
(Rs. in Crores)																
SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
H)	Central Govt. Loan for Modernisation Scheme-CEA		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (H)		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
I)	Loan from State Govt.															
	i) For Different Schemes under Plan and Non-Plan other than Securitisation of CPSU Outstanding		1308.95	8.50				65.45	516.35	133.21	0.00	0.00	133.21	1759.85		
	ii) For Securitisation of CPSU Outstanding		0.00					0.00	0.00	0.00	0.00	0.00		0.00		
	Total(I)		1308.95					65.45	516.35	133.21			133.21	1759.85		
	Less Interest for Pension Bond									22.95						
	Less Interest Capitalised									40.00						
	Total WBSETCL as a whole (2007-08)		2056.41					80.45	856.64	165.70		0.00	228.65	2832.60		

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2008-2009																
(Rs. in Crores)																
SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	On Capital Accounts															
A) 1.	LICI - Bond															
2.	LICI - Bond															
	Total (A)	0.00	0.00					0.00		0.00			0.00	0.00		
B)	MARKET LOAN (BOND)															
	a) 11.50% M.B	222.72	222.72	11.50				90.10		19.91			19.91	132.62		
	b) 12.00% M.B.	53.31	53.31	12.00				0.00		6.40			6.40	53.31		
	Total (B)	276.03	276.03					90.10		26.31			26.31	185.93		
C)	MARKET LOAN (BOND)															
	a) 8.50% M.B in pursuance to creation of Pension Fund	270.00	270.00	8.50				0.00		22.95			22.95	270.00		
	Total (C)	270.00	270.00							22.95			22.95	270.00		
	Total Bond (A+B+C)	546.03	546.03					90.10		49.26			49.26	455.93		

**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**  
**STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2008-2009**

(Rs. in Crores)

SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D)	PFC Ltd.		222.17	10.90				25.00	152.80	32.54	0.00	0.00	32.54	349.97		
	Total (D)		222.17	10.90				25.00	152.80	32.54	0.00	0.00	32.54	349.97		
E)	REC Ltd.		300.35	10.90				5.00	252.46	46.50	0.00	0.00	46.50	547.81		
	New projects															
	Package															
	Total (E)		300.35	10.90				5.00	252.46	46.50	0.00	0.00	46.50	547.81		
F)	L.I.C.I. (Guptamani Project)		4.20	10.10				0.00	44.80	2.69	0.00	0.00	2.69	49.00		
G)	TERM LOAN FROM BANKS							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (G)							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total Financial Institution-2008-09 (A to G)		1072.75					120.10	450.06	130.99	0.00	0.00	130.99	1402.71		

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2008-2009																
(Rs. in Crores)																
Sl No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
H)	Central Govt. Loan for Modernisation Scheme-CEA		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (H)		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
I)	Loan from State Govt.															
	i) For Different Schemes under Plan and Non-Plan other than Securitisation of CPSU Outstanding		1759.85	8.50				71.27	80.30	153.00	0.00	0.00	153.00	1768.88		
	ii) For Securitisation of CPSU Outstanding		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (I)		1759.85					71.27	80.30	153.00	0.00	0.00	153.00	1768.88		
	Less Interest on Pension Bond									22.95						
	Less Interest Capitalised									88.62						
	Total WBSETCL as a whole (2008-09)		2832.60					191.37	530.36	172.42	0.00	0.00	283.99	3171.59		



**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**  
**STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2009-2010**  
**(Rs. in Crores)**

Sl No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	On Capital Accounts															
<b>A) 1.</b>	LICI - Bond															
<b>2.</b>	LICI - Bond															
	Total (A)	0.00	0.00					0.00		0.00			0.00	0.00		
<b>B)</b>	MARKET LOAN (BOND)															
	a) 11.50% M.B	222.72	132.62	11.50				83.20		9.31			9.31	49.42		
	b) 12.00% M.B.	53.31	53.31	12.00				0.00		6.40			6.40	53.31		
	Total (B)	276.03	185.93					83.20		15.71			15.71	102.73		
<b>C)</b>	MARKET LOAN (BOND)															
	a) 8.50% M.B in pursuance to creation of Pension Fund	270.00	270.00	8.50				0.00		22.95			22.95	270.00		
	Total (C)	270.00	270.00					0.00		22.95			22.95	270.00		
	Total Bond (A+B+C)	546.03	455.93					83.20		38.66			38.66	372.73		

**WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**  
**STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2009-2010**  
**(Rs. in Crores)**

SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D)	PFC Ltd.		349.97	10.90				25.00	180.13	47.96	0.00	0.00	47.96	505.10		
	Total (D)		349.97	10.90				25.00	180.13	47.96	0.00	0.00	47.96	505.10		
E)	REC Ltd.		547.81	10.90				10.00	224.33	71.94	0.00	0.00	71.94	762.14		
	New projects Package															
	Total (E)		547.81	10.90				10.00	224.33	71.94	0.00	0.00	71.94	762.14		
F)	L.I.C.I. (Guptamani Project)		49.00	10.10				0.00	70.00	8.48	0.00	0.00	8.48	119.00		
G)	TERM LOAN FROM BANKS							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total Financial Institution-2009-10 (A to G)		1402.71					118.20	474.46	167.05	0.00	0.00	167.05	1758.97		

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2009-2010																
(Rs. in Crores)																
Sl No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
H)	Central Govt. Loan for Modernisation Scheme-CEA		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (H)		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
I)	Loan from State Govt.															
	i) For Different Schemes under Plan and Non-Plan other than Securitisation of CPSU Outstanding		1768.88	8.50				75.28	150.00	156.73	0.00	0.00	156.73	1843.60		
	ii ) For Securitisation of CPSU Outstanding		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (I)		1768.88					75.28	150.00	156.73	0.00		156.73	1843.60		
	Less Interest on Pension Bond									22.95						
	Less Interest Capitalised									141.15						
	<b>Total WBSETCL as a whole (2009-10)</b>		3171.59					193.48	624.46	159.67		0.00	323.77	3602.57		

## WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

## STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2010-11

(Rs. in Crores)

SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
	On Capital Accounts															
<b>A)</b>	1. LICl - Bond															
	2. LICl - Bond															
	Total (A)	0.00	0.00					0.00		0.00			0.00	0.00		
<b>B)</b>	MARKET LOAN (BOND)															
	a) 11.50% M.B	222.72	49.42	11.50				49.42		2.23			2.23	0.00		
	b) 12.00% M.B.	53.31	53.31	12.00				0.00		6.40			6.40	53.31		
	Total (B)	276.03	102.73					49.42		8.63			8.63	53.31		
<b>C)</b>	MARKET LOAN (BOND)															
	a) 8.50% M.B in pursuance to creation of Pension Fund	270.00	270.00	8.50				0.00		22.95			22.95	270.00		
	Total (C)	270.00	270.00					0.00		22.95			22.95	270.00		
	Total Bond (A+B+C)	546.03	372.73					49.42		31.58			31.58	323.31		

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2010-2011																
(Rs. in Crores)																
SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment (% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D)	PFC Ltd.		505.10	10.90				25.00	180.90	64.91	0.00	0.00	64.91	661.00		
	Total (D)		505.10	10.90				25.00	180.90	64.91	0.00	0.00	64.91	661.00		
E)	REC Ltd.		762.14	10.90				10.00	189.40	93.40	0.00	0.00	93.40	941.54		
	New projects															
	Package															
	Total (E)		762.14	10.90				10.00	189.40	93.40	0.00	0.00	93.40	941.54		
F)	L.I.C.I.. (Guptamani Project)		119.00	10.10				0.00	21.00	13.08	0.00	0.00	13.08	140.00		
G)	TERM LOAN FROM BANKS							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (G)							0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total Financial Institution-2009-10 (A to G)		1758.97					84.42	391.30	202.97	0.00	0.00	202.97	2065.85		

WEST BENGAL STATE ELELCTRICITY TRANSMISSION COMPANY LIMITED																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2010-11																
(Rs. in Crores)																
SI No.	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of interest (% p.a.)	Penal rate of interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/Date	Interest paid/payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
H)	Central Govt. Loan for Modernisation Scheme-CEA		0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (H)		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
I)	Loan from State Govt.															
	i) For Different Schemes under Plan and Non-Plan other than Securitisation of CPSU Outstanding		1843.60	8.50				82.78	250.00	167.33	0.00	0.00	167.33	2010.82		
	ii ) For Securitisation of CPSU Outstanding		0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total (I)		1843.60					82.78	250.00	167.33			167.33	2010.82		
	Less Interest on Pension Bond									22.95						
	Less Interest Capitalised									192.20						
	Total WBSETCL as a whole (2010-11)		3602.57					167.20	641.30	155.15		0.00	370.30	4076.67		

**Form-E (T) : Summarised Revenue Requirement (Transmission)**

Ref	Particulars	Previous Year	Base Year	Ensuing Years		
			2007-08	2008-09	2009-10.	2010-11
		*	Estimated	Projected		
A.						
1.	Energy Input [Form 1.7]		20,365 **	22,401	24,641	27,105
2.	Energy Transmitted [Form 1.7]					
3.	Allocated transmission capacity(MW)		3159.58	3475.83	3823.17	4205.42
4.	Actual Transmission Loss % [Form 1.7]		4.00%	3.90%	3.80%	3.70%
B.			Rs. In Lakhs	Rs. In Lakhs	Rs. In Lakhs	Rs. In Lakhs
1.	Employee Cost					
	a) Salaries [Form 1.13 & 1.17]		5506	6303	6992	7691
	b) Others (specify)		0	0	0	0
	Terminal Benefits [Form 1.13 & 1.17]		1334	1437	1498	1538
2.	Other Administrative & General Charges [Form 1.13 & 1.17]		1235	1202	1506	1717
3.	Rent, Rates & Taxes [Form 1.17]		65	70	75	80
4.	Legal Charges [Form 1.17]		20	30	40	45
5.	Auditors Fees [Form 1.17]		16	25	26	26
6.	Repairs & Maintenance incl. Consumables [Form 1.13 & 1.17]		1388	1655	1651	1717
7.	a) Interest [Form 1.17]		16670	17342	16067	15615
	b) Interest on Bond For creation of Pension Fund [Form 1.17]		2295	2295	2295	2295
	c) Foreign Exchange Rate Variation		0	0	0	0
	d) Other Financing Charges [Form 1.13 & 1.17]		357	266	161	177
	e) Investments					
	f) Interest on Security Deposits					
	g) Lease Rental [Form 1.17]		36	36	36	36
8.	a) Depreciation [Form 1.13]		8469	10571	12302	14033
	b) Advance against depreciation [Form 1.17(e)]		0	1901	1000	168
9.	Bad Debt [see regulation 4.10.1]					
10.	Intangible Asset Write Off					
11.	Tax					
	a) Income tax [Form 1.17]		452	1201	1323	1389
	b) Fringe Benefit Tax [Form 1.17]		40	44	48	53
12.	Others if any to be specified					
	a) Interest on working Capital [Form 1.17(b)]		674	809	785	781
	b) Consultancy Fees, charges and expenses [Form 1.17]		19	17	5	5
	c) Insurance Premium Payable [Form 1.17(f)]		1	1	2	2
	d) SLDC (Handling Charge)		864	2300	2300	2300
	e) Other Cost (WBPDCI)		3525	3525	3525	3525
13.	Total Expenditure [sum of 1:12]		42968	51031	51639	53195
14.	Normative Return [Form 1.22]		10464	11274	12796	14481
15.	Permitted Incentives					
16.	Permitted Return [14+15]		10464	11274	12796	14481
17.	Special Allocations [Form 1.21]		626	1683	967	1101
18.	Gross Revenue Required [13+16+17]		54057	63988	65401	68777
19.	a) Less : Income other than sale of energy [Form 1.26]		475	525	650	650
	b) Less : Benefits passed on to Transmission Users [Form 1.27]					
	c) Less : Interest credit on Depreciation and any others		46	0	0	0
	d) Less : Others if any to be specified					
	SLDC (Handling Charge)		864	2300	2300	2300
20.	Revenue Required [18-19]		52672	61163	62451	65827
21.	Subsidy received / receivable, if any					
22.	Revenue from Transmission of Energy [Actual estimate]		52672	61163	62451	65827
23.	<b>Transmission charge ( Rs. / MW / Month )</b>		<b>1,38,921</b>	<b>1,46,639</b>	<b>1,36,124</b>	<b>1,30,441</b>

\* W.B.S.E.T.C.L. was created on 1st April, 2007. Figures for this column in respect of W.B.S.E.T.C.L. are not available. W.B.S.E.D.C.L. is submitting the figures corresponding to this column for W.B.S.E.B. as a whole.

\*\* Obtained from SLDC as actual figure for 2007 - 08 . For subsequent years 10% addition in each year has been considered .

### List of Forms contained in Annex 5

<b>Form No.</b>	<b>Description</b>
Form 5(i)	Voltage Fluctuation
Form 5(ii)	Frequency excursion
Form 5(iii)	Abstract of Outages due to tripping of HT Feeders
Form 5(iv)	Failure of Transformers (Nos.)
Form 5(v)	Major System Disturbance (Grid Disturbance)
Form 5(vi)	Electrical Accidents
Form 5(x)	Status of Demand

Page :



## Annex-5

## Form 5 ( i ) : VOLTAGE FLUCTUATION

Period	First six months of previous year Percentage of time when Voltage was		Last six months of previous year Percentage of time when Voltage was		First six months of current year Percentage of time when Voltage was		Corrective Measures Proposed
	Below	Above	Below	Above	Below	Above	
At 33 kV side of Transforemer (take off point of 33 KV bus)	9%	6%	9%	6%	9%	6%	
At EHT bus	1.74	1.41	Nil	Nil	Nil	Nil	
	Below	Above	Below	Above	Below	Above	
	12.5%	10%	12.5%	10%	12.5%	10%	
	0.53	0.15	Nil	Nil	Nil	Nil	

## Annex-5

## Form 5 (ii) : FREQUENCY EXCURSION

Period	First six months of previous year Percentage of time when System Frequency was		Last six months of previous year Percentage of time when System Frequency was		First six month of current year Percentage of time when System Frequency was		Corrective measures proposed to maintain system frequency within limits
	Below 48.5 C/S	Above 51.5 C/S	Below 48.5 C/S	Above 51.5 C/S	Below 48.5 C/S	Above 51.5 C/S	
	0.21	0	0	0	0	0	Grid frequency controlled by ERLDC

## Annex-5

## Form 5 (iii) : ABSTRACT OF OUTAGES DUE TO TRIPPING OF HT FEEDERS

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>1</b>	<b>Gokarna 220/132/66/33/11KV SS</b>										
a	All 33 kV outgoing Feeders	305	162.15	40.54	327	187.06	37.41	262	106.05	21.21	
b	All 11 kV outgoing Feeders	1929	814.11	203.53	2205	860.15	215.04	1684	1239.70	309.93	
c	Power Transformer										
i)	High Voltage Side	0.00	0.00								
ii)	Low Voltage Side	0.00	0.00								
<b>2</b>	<b>Behrampore 132/33 KV</b>										
a	All 33 kV outgoing Feeders	518	163.98	41.00	493	204.09	22.68	1227	70.68	7.85	
b)	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0.00	0.00								
ii)	Low Voltage Side	0.00	0.00								
<b>3</b>	<b>Bagula 66/33/11 KV</b>										
A	All 33 kV outgoing Feeders	18	3	1.00	30	6.90	3.45	9	0.33	0.17	
B	All 11 kV outgoing Feeders	1721	306.45	51.08	2005	407.96	58.28	880	122.25	17.46	
C	Power Transformer										
i)	High Voltage Side	0.00	0.00								
ii)	Low Voltage Side	0.00	0.00								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>4</b>	<b>Amtala 66/33/11 KV</b>										
a	All 33 kV outgoing Feeders	318	382.13	127.38	348	388.73	129.58	75	50.20	16.73	
b	All 11 kV outgoing Feeders	1031	683.54	170.89	1177	693.44	173.36	606	115.60	28.90	
c	Power Transformer										
	i) High Voltage Side	0.00	0.00								
	ii) Low Voltage Side	0.00	0.00								
<b>5</b>	<b>Raiganj 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	188	472.14	118.04	244	152.98	30.60	96	18.62	3.72	
b	All 11 kV outgoing Feeders	508	365.98	73.20	917	301.47	50.25	810	232.83	38.81	
c	Power Transformer										
	i) High Voltage Side	0.00	0.00								
	ii) Low Voltage Side	0.00	0.00								
<b>6</b>	<b>Dhulian 132/33 KV SS</b>										
a	All 33 kV outgoing Feeders	315	227.42	56.86	335	234.3	58.58	380	230.12	57.53	
b	All 11 kV outgoing Feeders	0	0	0							
c	Power Transformer										
	i) High Voltage Side	0.00	0.00								
	ii) Low Voltage Side	0.00	0.00								
<b>7</b>	<b>Malda 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	499	90.36	12.91	548	133.05	16.63	473	86.32	10.79	
b	All 11 kV outgoing Feeders	253	56.38	14.10	282	67.84	16.96	289	114.93	28.73	
c	Power Transformer										
	i) High Voltage Side	0.00	0.00								
	ii) Low Voltage Side	0.00	0.00								
<b>8</b>	<b>Barasat 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	216	158.65	19.83	150	136.01	15.11	200	63.63	7.07	
b	All 11 kV outgoing Feeders	736	183.22	45.81	686	204.19	51.05	356	52.40	13.10	
c	Power Transformer										
	i) High Voltage Side	0.00	0.00								
	ii) Low Voltage Side	0.00	0.00								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
9	<b>Raghunath Ganj 132/33 KV SS</b>										
a	All 33 kV outgoing Feeders	126	53.14	13.29	100	58.13	14.53	115	71.29	17.82	
b	All 11 kV outgoing Feeders	0	0	0							
c	Power Transformer										
i)	High Voltage Side	0.00	0.00								
ii)	Low Voltage Side	0.00	0.00								
10	<b>NBU 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	365	464.33	58.04	296	374.49	46.81	462	183.18	22.90	
b	All 11 kV outgoing Feeders	565	669.98	74.44	526	631.76	52.65	650	205.82	17.15	
c	Power Transformer										
i)	High Voltage Side	0.00	0.00								
ii)	Low Voltage Side	0.00	0.00								
11	<b>Debagram 132/66/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	368	76.49	19.12	431	88.33	17.67	362	109.72	21.94	
b	All 11 kV outgoing Feeders	682	140.69	20.10	954	159.81	22.83	1310	247.92	35.42	
c	Power Transformer										
i)	High Voltage Side	0.00	0.00								
ii)	Low Voltage Side	0.00	0.00								
12	<b>Balurghat 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	266	387.47	129.16	191	229.55	76.52	105	51.47	17.16	
b	All 11 kV outgoing Feeders	694	353.92	88.48	1084	385.25	96.31	1116	231.28	57.82	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
13	<b>Dalkhola 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	107	164.18	41.05	169	88.29	44.15	71	68.55	34.27	
b	All 11 kV outgoing Feeders	718	561.98	140.50	798	524.79	131.20	642	444.98	111.25	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
14	<b>Bishnupur 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	703	448.37	64.05	629	335.17	33.52	832	248.32	24.83	
b	All 11 kV outgoing Feeders	1605	791.22	158.24	1378	451.13	90.23	1354	252.23	50.45	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
15	<b>Midnapore 220/132/33 KV SS</b>										
a	All 33 kV outgoing Feeders	312	517.8	103.56	291	267.51	38.22	18	5.68	0.81	
b	All 11 kV outgoing Feeders	0	0	0							
b	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
16	<b>Bankura 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	461	330	55.00	266	107.3	17.88	291	77.05	12.84	
b	All 11 kV outgoing Feeders	253	172.73	34.55	155	87.87	17.57	78	47.20	9.44	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
17	<b>Lakshmikantapur 220/132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	315	496.94	82.82	297	400.57	40.06	297	178.10	17.81	
b	All 11 kV outgoing Feeders	699	277.16	69.29	597	248.06	49.61	270	11.63	2.33	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
18	<b>Falta 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	357	254.18	36.31	292	176.51	22.06	265	192.57	24.07	
b	All 11 kV outgoing Feeders	0	0	0	46	30.55	5.09	38	28.70	4.78	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
19	<b>Egra 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	604	983	327.67	291	425.95	85.19	156	520.95	104.19	
b	All 11 kV outgoing Feeders	2488	1630	543.33	2010	1118.06	186.34	958	699.78	116.63	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
20	<b>Haldia 132/33/25/11 KV SS</b>										
a	All 33 kV outgoing Feeders	260	363.21	121.07	477	115.40	9.62	425	138.00	11.50	
b	All 11 kV outgoing Feeders	263	739.83	246.61	280	368.86	61.48	305	411.34	68.56	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
21	<b>Behala 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	184	131.5	43.83	168	127.51	18.22	158	126.90	18.13	
b	All 11 kV outgoing Feeders	549	104.93	34.98	578	153.68	25.61	320	69.03	11.51	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
22	<b>Liluah 132/33/25 KV SS</b>										
a	All 33 kV outgoing Feeders	293	63.5	7.94	253	68.73	8.59	518	109.28	13.66	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
23	<b>Kolaghat 132/33/25/11 KV SS</b>										
a	All 33 kV outgoing Feeders	664	77.31	11.04	711	82.93	11.85	635	74.35	10.62	
b	All 11 kV outgoing Feeders	758	113.4	37.80	715	171.16	24.45	168	89.25	12.75	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>24</b>	<b>Purulia 132/33/25/11 KV SS</b>										
a	All 33 kV outgoing Feeders	816	446.39	44.64	802	406.32	31.26	1271	660.83	50.83	
b	All 11 kV outgoing Feeders	1772	756.85	108.12	1513	529.97	75.71	2237	292.82	41.83	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>25</b>	<b>Cooch Behar -I 132/33 KV SS</b>										
a	All 33 kV outgoing Feeders	135	16.8	5.60	430	72.17	18.04	192	6.10	153	
b	All 11 kV outgoing Feeders										
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>26</b>	<b>Ukhra 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	246.00	83.08	16.62	675	89.66	9.96	170	45.93	5.10	
b	All 11 kV outgoing Feeders	586.00	148.54	37.14	1239	173.59	43.40	582	130.38	32.59	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>27</b>	<b>Sainthia 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	505	614.51	87.79	609	740.00	92.50	561	740.00	92.50	
b	All 11 kV outgoing Feeders	1009	245.74	81.91	363	103.20	51.60	1005	140.00	70.00	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								



	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
28	<b>Titagarh 132/33/25 KV SS</b>										
a	All 33 kV outgoing Feeders	178	49.38	16.46	297	61.50	12.30	268	61.50	12.30	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
29	<b>Ashokenagar 132/33/25 KV SS</b>										
a	All 33 kV outgoing Feeders	196	106.76	21.35	171	100.15	16.69	194	100.15	16.69	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
30	<b>Hijlee 132/33/25/11 KV SS</b>										
a	All 33 kV outgoing Feeders	432	224	28.00	492	238.25	29.78	425	238.25	29.78	
b	All 11 kV outgoing Feeders	822	228	45.60	745	276.00	39.43	698	276.00	39.43	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
31	<b>Bongaon 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	130	29.01	7.25	137	37.75	9.44	251	96.20	24.05	
b	All 11 kV outgoing Feeders	965	112.87	28.22	1182	653.51	163.38	1314	254.72	63.68	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
32	<b>Salt Lake 132/33 KV</b>										
A	All 33 kV outgoing Feeders	123	220.58	18.38	78	168.53	9.91	60	168.53	9.91	
B	All 11 kV outgoing Feeders	0	0	0.00							
C	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>33</b>	<b>Adisaptagram 132/33/25/11 KV</b>										
a	All 33 kV outgoing Feeders	58	122.84	13.65	94	94.11	23.53	115	76.24	19.06	
b	All 11 kV outgoing Feeders	98	33.34	6.67	180	56.08	11.22	195	64.42	12.88	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>34</b>	<b>Satgachia 220/132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	496	324.98	36.11	476	229.00	22.90	351	229.00	22.90	
b	All 11 kV outgoing Feeders	708	268.3	67.08	676	269.53	67.38	762	269.53	67.38	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>35</b>	<b>Katwa 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	488	196.08	32.68	400	179.50	29.92	312	179.50	29.92	
b	All 11 kV outgoing Feeders	1142	316.18	79.05	1076	327.66	81.92	1523	327.66	81.92	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>36</b>	<b>Dharampur 132 /33SS</b>										
a	All 33 kV outgoing Feeders	280	36.83	12.28	273	42.92	4.29	305	76.25	7.63	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>37</b>	<b>Kalyani 132/33/11 KV SS</b>										
a	All 33 kV outgoing Feeders	96	121.16	24.23	90	107.15	10.72	51	107.15	10.72	
b	All 11 kV outgoing Feeders	386	142.04	15.78	357	150.87	12.57	170	150.87	12.57	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>38</b>	<b>Ranaghat 132/66/33/25/11 KV SS</b>										
a	All 33 kV outgoing Feeders	81	48.99	12.25	60	40.39	10.10	46	40.39	10.10	
b	All 11 kV outgoing Feeders	650	291.45	48.58	572	289.25	32.14	818	289.25	32.14	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
<b>39</b>	<b>C K Road 132/33 KV</b>										
a	All 33 kV outgoing Feeders	365	252.86	42.14	404	336.14	48.02	266	336.14	48.02	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
<b>40</b>	<b>Rishra 220/132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	481	214.27	11.90	318	403.20	18.33	482	246.75	11.22	
b	All 11 kV outgoing Feeders	614	106.74	35.58	406	116.17	29.04	548	107.92	26.98	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
<b>41</b>	<b>Calcutta Leather Complex 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	187	56.52	9.42	244	129.78	10.82	128	30.08	2.51	
b	All 11 kV outgoing Feeders	49	12.5	3.13	107	39.07	9.77	6	0.08	0.02	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								
<b>42</b>	<b>Chanditala 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	59	16.22	8.11	60	17.85	5.95	125	48.15	16.05	
b	All 11 kV outgoing Feeders	763	101.42	33.81	663	89.19	14.87	498	83.25	13.88	
c	Power Transformer										
	i) High Voltage Side	0	0								
	ii) Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>43</b>	<b>Chalsa 66/11kV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	668	74.24	14.85	718	571.10	114.22	858	26.32	5.26	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>44</b>	<b>Moinaguri 132/33/11 kV</b>										
a	All 33 kV outgoing Feeders	38	783.24	156.65	481	292.18	58.44	504	265.37	53.07	
b	All 11 kV outgoing Feeders	0	0	0.00	1295	536.74	89.46	1796	685.58	114.26	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>45</b>	<b>Kalimpong 66/11 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	324	185.19	37.04	385	200.13	33.36	1020	53.00	8.83	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>46</b>	<b>Birpara 132/66/11 kV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	2000	800	80.00	1712	594.37	59.44	1973	609.47	60.95	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>47</b>	<b>Banarhat 66/11kV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	570	135	12.27	376	149.45	18.68	756	217.23	27.15	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>48</b>	<b>Hasimara 66/11 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	650	410	51.25	678	337.25	56.21	498	257.00	42.83	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>49</b>	<b>Alipurduar 132/66/11 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	623	174.99	21.87	705	208.34	26.04	1420	670.77	83.85	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>50</b>	<b>Coochbehar - II 66/11 kV</b>										
a	All 33 kV outgoing Feeders										
b	All 11 kV outgoing Feeders	582	204.15	34.03	390	239.23	39.87	981	94.30	15.72	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>51</b>	<b>Hamiltanganj 66/11 kV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	423	207.93	29.70	480	300.00	42.86	642	263.98	37.71	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>52</b>	<b>Bolpur 132/33/11 kV</b>										
a	All 33 kV outgoing Feeders	302	139.14	34.79	280	145.87	120.84	275	87.30	12.47	
b	All 11 kV outgoing Feeders	951	418.05	69.68	856	375.47	62.58	912	293.27	48.88	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>53</b>	<b>Odlabara 66/11 kV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	884	224.58	44.92	786	239.87	39.98	1232	41.02	6.84	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>54</b>	<b>Santipur 66/11 kV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	599	78.5	13.08	642	84.92	14.15	612	86.34	14.39	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>55</b>	<b>Siliguri 132/33 kV</b>										
a	All 33 kV outgoing Feeders	213	154.31	30.86	240	170.87	34.17	111	60.83	12.17	
b	All 11 kV outgoing Feeders	124	38	12.67							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>56</b>	<b>Sonarpur 132/33/25 kV</b>										
a	All 33 kV outgoing Feeders	59	38.83	19.42	61	40.88	8.18	87	42.47	8.49	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>57</b>	<b>Tamluk 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	343	128.89	42.96	340	125.25	31.31	354	117.43	29.36	
b	All 11 kV outgoing Feeders	782	779.05	259.68	668	594.10	148.53	1141	565.90	141.48	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>58</b>	<b>Raina 132/ 33/11 KV</b>										
a	All 33 kV outgoing Feeders	163	168.28	28.05	150	145.17	24.20	151	103.80	17.30	
b	All 11 kV outgoing Feeders	596	517.71	129.43	538	498.22	124.56	738	232.92	58.23	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>59</b>	<b>Arambag 400/220/ 132/33 KV</b>										
a	All 33 kV outgoing Feeders	303	420.67	70.11	248	376.77	47.10	294	334.24	41.78	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>60</b>	<b>Krishnanagar 220/132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	136	24.53	4.91	112	25.83	3.23	24	30.58	0.45	
b	All 11 kV outgoing Feeders	566	94.49	23.62	1629	286.55	71.64	432	34.53	8.63	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>61</b>	<b>Rampur Hat 132/33 KV</b>										
a	All 33 kV outgoing Feeders	192	246.58	49.32	190	125.26	25.05	262	94.92	18.98	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>62</b>	<b>Mankar 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	293	128.75	32.19	215	76.29	19.07	289	69.07	17.27	
b	All 11 kV outgoing Feeders	743	192.4	48.10	589	203.91	50.98	1090	526.52	131.63	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>63</b>	<b>Basirhat 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	170	98.46	24.62	299	112.50	28.13	210	112.77	28.19	
b	All 11 kV outgoing Feeders	278	323	107.67	319	153.46	38.37	335	165.66	41.42	
c	Power Transformer										
i)	High Voltage Side	1	38								
ii)	Low Voltage Side	0	0								
<b>64</b>	<b>Pingla 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	453	227.56	56.89	448	109.54	27.39	291	133.13	33.28	
b	All 11 kV outgoing Feeders	848	655.04	218.35	793	688.00	172.00	794	606.55	151.64	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>65</b>	<b>Darjeeling 132/33 KV</b>										
a	All 33 kV outgoing Feeders	420	197.7	49.43	364	276.75	55.35	384	383.88	76.78	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>66</b>	<b>Domjur 220/132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	274	220.01	44.00	252	417.45	83.49	250	386.00	77.20	
b	All 11 kV outgoing Feeders	453	215.7	71.90	444	300.05	75.01	480	257.00	64.25	
c	Power Transformer										
i)	High Voltage Side	2	32.5								
ii)	Low Voltage Side	0	0								



	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
67	<b>Gangarampur 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	56	17.07	17.07	50	14.15	7.08	60	41.33	20.67	
b	All 11 kV outgoing Feeders	345	230.1	57.53	398	286.45	71.61	1051	359.43	89.86	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
68	<b>New Haldia 220/132/33 KV</b>										
a	All 33 kV outgoing Feeders	123	92	30.67	90	20.67	4.13	400	61.32	12.26	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
69	<b>Jangipara 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	83	326.99	81.75	72	186.25	46.56	51	11.82	2.95	
b	All 11 kV outgoing Feeders	318	486.7	121.68	241	342.23	85.56	287	81.75	20.44	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
70	<b>Khanyan 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	14	5.5	1.83	8	10.24	2.56	176	65.62	16.40	
b	All 11 kV outgoing Feeders	62	40	13.33	36	37.10	9.28	206	102.95	25.74	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
71	<b>NJP 220/132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	54	135	33.75	50	86.16	21.54	94	5.98	1.50	
b	All 11 kV outgoing Feeders	128	121	30.25	82	142.48	35.62	196	62.85	15.71	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
<b>72</b>	<b>Samsi 132/33 KV</b>										
a	All 33 kV outgoing Feeders	302	69	23.00	206	78.67	2.38	78	69.00	2.09	
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>73</b>	<b>Tarakeshwar 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	120	321.41	80.35	145	79.30	19.83	33	2.13	0.53	
b	All 11 kV outgoing Feeders	276	377.03	94.26	302	286.52	71.63	126	16.60	4.15	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>74</b>	<b>Uluberia 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	240	69.73	17.43	300	81.40	16.28	104	15.10	3.02	
b	All 11 kV outgoing Feeders	786	320.78	80.20	486	167.10	41.78	524	78.33	19.58	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>75</b>	<b>Birshingha 132/33/11 KV</b>										
a	All 33 kV outgoing Feeders	251	490.81	122.70	218	342.41	68.48	216	29.20	5.84	
b	All 11 kV outgoing Feeders	0	0	0.00	105	123.00	30.75	116	149.90	37.48	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	2	63								
<b>76</b>	<b>Durgapur 220/132 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0.00							
b	All 11 kV outgoing Feeders	0	0	0.00							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
<b>77</b>	<b>Howrah 220/132/25 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0							
b	All 11 kV outgoing Feeders	0	0	0							
c	Power Transformer										
i)	High Voltage Side	4	274								
ii)	Low Voltage Side	0	0								

	System	First six months of the previous year			Last six months of the previous year			First six months of the current year			Remedial Measures Proposed
		No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	No. of trippings	Duration of trippings	Average Interruption per Feeder	
			(Hours.)	(Hours.)		(Hours.)	(Hours.)		(Hours.)	(Hours.)	
78	<b>Jeerat 400/220/132 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0							
b	All 11 kV outgoing Feeders	0	0	0							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
79	<b>Kasba 220/132 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0							
b	All 11 kV outgoing Feeders	0	0	0							
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
80	<b>Nagrakata 66/11 KV</b>										
a	All 33 kV outgoing Feeders	0	0	0							
b	All 11 kV outgoing Feeders	0	0	0	59	11.45	2.86	256	15.25	3.81	
c	Power Transformer										
i)	High Voltage Side	0	0								
ii)	Low Voltage Side	0	0								
81	<b>Asansol 220/132 KV</b>										
a	All 33 kV outgoing Feeders										
b	All 11 kV outgoing Feeders										
c	Power Transformer										
i)	High Voltage Side										
ii)	Low Voltage Side										
	<b>Total</b>										
a	All 33 kV outgoing Feeders	17716	14156.97	37.91	18266	11223.72	24.29	17703	8791.79	19.03	
b	All 11 kV outgoing Feeders	39540	18071.28	53.59	41184	17897.61	44.29	42662	13558.19	51.05	
c	Power Transformer										
i)	High Voltage Side	7.00	344.50								
ii)	Low Voltage Side	2.00	63.00								

Interruption of Power Transformer including HV & LV side during the above mentioned period was negligible.

## Annex-5

## Form 5 ( iv ) : FAILURE OF TRANSFORMERS (NOS)

SL. NO.	PERIOD	First six months of previous year			Last six months of previous year			First six months of current year		
	ITEMS	No of Failures	Total No. Installed	% Failure	No of Failures	Total No. Installed	% Failure	No of Failures	Total No. Installed	% Failure
1	EHT Transformers									
	i) AUTO	0	28	0	1	38	2.63	1	38	2.63
	ii) POWER	2	220	0.90	1	225	0.44	1	225	0.44
2	Power Transformers (HT)	0	92	0	1	108	0.93	1	108	0.93



## Annex-5

## Form 5 ( v ) : MAJOR SYSTEM DISTURBANCE (GRID DISTURBANCE)

Sl. No.	Period	First six months of previous year	Last six months of previous year	First six months of current year
		April'06 to Sep'06	Oct'06 to Mar'07	April'07 to Sep'07
1.	No. of occurrences	3	Nil	5
2.	Total duration of Interruption	3Hr. 50 min.	Nil	10Hr. 10 min.
3.	Estimated unserved energy due to such interruptions	2.025 MU	Nil	6.058 MU
	(Load Prior to the disturbance x No. of Hours of Interruption)			
4.	No. of occasions when system was isolated from the Region Grid due to system disturbance affecting power supply in the system	Nil	Nil	Nil
5.	No. of occasions when system remained stable after being isolated from Grid due to system disturbance	Nil	Nil	Nil
6.	Remedial Measures to prevent Grid system disturbance	Improved Maintenance of Transmission Lines		

**Annex-5**

**Form 5 ( vi ) : ELECTRICAL ACCIDENTS**

PERIOD	First six months of previous year				Last six months of previous year				First six months of current year				Corrective Measures Proposed to avoid accidents
	No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		No. of Accidents		
	FATAL		NON - FATAL		FATAL		NON - FATAL		FATAL		NON - FATAL		
	Human	Animal	Human	Animal	Human	Animal	Human	Animal	Human	Animal	Human	Animal	
(a) EHT	0	0	4	0	1	0	4	0	1	0	1	0	Special safety cells under operation and safety code is well circulated. Training programme on safety has been intensified.

## Annex-5

**Form 5 ( x ) : Status of Demand**

( Including supply of Power to CESC )

Sl. No	Month - Year	Average of Daily Peak Demand (inclusive of load shedding)	Average of Daily Peak Demand met	Shortfall	Reasons
		MW	MW	MW	
		(1)	(2)	(1) - (2)	
<b>A</b>	<b>ACTUAL</b>				Power not available as per requirement.
	<b>Year 2006</b>				
1	October	3159	3019	140	
2	November	2989	2924	65	
3	December	2698	2583	115	
	<b>Year 2007</b>				
4	January	2780	2590	190	
5	February	3084	2964	120	
6	March	3302	2952	350	
7	April	3195	3015	180	
8	May	3084	3049	35	
9	June	3043	2868	175	
10	July	3029	2769	260	
11	August	3208	2898	310	
12	September	3320	2950	370	
13	October	3165	2990	175	
14	November	3016	2801	215	
15	December	2865	2683	182	
	<b>Year 2008</b>				
16	January	2982	2636	346	
17	February	3033	2949	84	
18	March	3353	3252	101	



<b>B FORECAST</b>					
<b>Sl. No</b>	<b>Month - Year</b>	<b>Average of Daily Peak Demand (inclusive of load shedding)</b>	<b>Average of Daily Peak Demand met</b>	<b>Shortfall</b>	<b>Reasons</b>
		MW	MW	MW	
		(1)	(2)	(1) - (2)	
	<b>Year 2008</b>				
1	April	3669	3669	0	
2	May	3465	3465	0	
3	June	3410	3410	0	
4	July	3509	3509	0	
5	August	3603	3603	0	
6	September	3680	3680	0	
7	October	3603	3603	0	
8	November	3273	3273	0	
9	December	3141	3141	0	
	<b>Year 2009</b>				
10	January	3223	3223	0	
11	February	3388	3388	0	
12	March	3746	3746	0	
13	April	4035	4035	0	
14	May	3812	3812	0	
15	June	3751	3751	0	
16	July	3860	3860	0	
17	August	3963	3963	0	
18	September	4047	4047	0	

<b>B FORECAST</b>					
<b>Sl. No</b>	<b>Month - Year</b>	<b>Average of Daily Peak Demand (inclusive of load shedding)</b>	<b>Average of Daily Peak Demand met</b>	<b>Shortfall</b>	<b>Reasons</b>
		MW	MW	MW	
	<b>Year 2009</b>				
19	October	3963	3963	0	
20	November	3600	3600	0	
21	December	3455	3455	0	
	<b>Year 2010</b>				
22	January	3545	3545	0	
23	February	3727	3727	0	
24	March	4120	4120	0	
25	April	4439	4439	0	
26	May	4193	4193	0	
27	June	4126	4126	0	
28	July	4246	4246	0	
29	August	4359	4359	0	
30	September	4452	4452	0	
31	October	4359	4359	0	
32	November	3960	3960	0	
33	December	3800	3800	0	
	<b>Year 2011</b>				
34	January	3900	3900	0	
35	February	4099	4099	0	
36	March	4532	4532	0	

### List of Forms contained in Annex 6

<b>Form No.</b>	<b>Description</b>
Form 6	Cash Flow Statement

**FORM 6 : CASH FLOW STATEMENT**

Rs. In Lakhs

		Previous Year	Base Year	Ensuing Year (Projected)		
		2006-07	2007-08	2008-09	2009-10	2010-11
<b>REVENUE ACCOUNT</b>						
1.	<b>OPERATING INCOMES</b>					
	(a) Sale of Power					
	(b) Transmission Charges		52672	61163	62451	65827
	(c) Other Income					
	(i) Other Grants					
	(ii) Other income		1385	2825	2950	2950
	<b>Total ( A )</b>		<b>54057</b>	<b>63988</b>	<b>65401</b>	<b>68777</b>
2.	<b>OPERATING EXPENSES</b> (All revenue nature of expenses other than non-cash charges like Depreciation, DRE etc.)					
	(a) Cost of Electrical Energy Purchased					
	(b) Operating expenses (excluding Depreciation, FERV, Bad Debts & Intangible Asset written off )		34450	39433	38518	39314
	<b>Total ( B )</b>		34450	39433	38518	39314
	<b>(A)-(B)</b>		<b>19607</b>	<b>24555</b>	<b>26883</b>	<b>29463</b>
3.	<b>INCREASE/DECREASE IN CURRENT ASSETS, CURRENT LIABILITIES &amp; PROVISIONS IN REVENUE ACCOUNT</b>					
	(a) Sundry Debtors					
	(b) Loans & Advances					
	(c) Current Liabilities		(11262)	(5118)	(7185)	(12393)
	(d) Provisions					
	(e) Others - Inventories					
	<b>Total ( C )</b>		(11262)	(5118)	(7185)	(12393)
4.	<b>OPERATING CASH SURPLUS (A)-(B)+(C)</b>		<b>8345</b>	<b>19437</b>	<b>19698</b>	<b>17070</b>
5.	<b>UTILISATION OF OPERATING CASH SURPLUS (SOURCES TO MEET OPERATING CASH SHORTFALL)</b>					

**FORM 6 : CASH FLOW STATEMENT**

Rs. In Lakhs

		Previous Year	Base Year	Ensuing Year (Projected)		
		2006-07	2007-08	2008-09	2009-10	2010-11
<u>CAPITAL ACCOUNTS</u>						
<u>ADDITION IN CAPITAL FUND</u>						
1.	Additional own fund brought in		11732	18618	24847	28656
2.	Additional borrowings		45664	53036	62446	64130
3.	Additional Consumers' contribution and security deposits		0	0	0	0
4.	Use of operating surplus		8345	19437	19698	17070
5.	Increase in liabilities for capital works					
6.	Others					
Total (1 to 6)			<b>65741</b>	<b>91091</b>	<b>106991</b>	<b>109856</b>
<u>UTILISATION OF CAPITAL FUND</u>						
7.	Increase in fixed capital expenses		57396	71654	87293	92786
8.	Loan repayment at actual		8045	19137	19348	16720
9.	Decrease in liabilities for capital works					
10.	Additional investment		300	300	350	350
11.	Any other item					
Total (7 to 11)			<b>65741</b>	<b>91091</b>	<b>106991</b>	<b>109856</b>

[See clause (xi) of proviso to regulation 2.7.2]

Sri M. Pal  
Chief Engineer, Central Planning & Engineering Department

W. B. State Electricity Transmission Co. Ltd.  
Bidyut Bhaban, Block - DJ, Sector – II,  
Bidhannagar, Kolkata – 700 091.

1. Sri M. Pal has made an application before the West Bengal Electricity Regulatory Commission for determination of Tariff, Aggregate Revenue Requirement and Expected Revenue from Charges of all the ensuing years of the control period consisting of 3(three) years from FY 09 to FY 11 and application has been admitted by the Commission on .....

2. The gist of the tariff application is as follows :

(i) Tariff proposed to be made effective from the billing month of April of every ensuing year.

(ii) Details of proposed tariff.:

(B) For Transmission Licensee :

	Tariff for The Base Year 2007-08	Tariff for the control period 2008-09 to 2010-11				
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	5 <sup>th</sup> year
		2008-09	2009-10	2010-11		
Rate for Long Term Customer (Rs./MW/month)	Rs.42342.70 Lakh/3159.58 MWx12 = Rs.1,11,678/- MW/Month	Rs.61163/- Lakh/3475.83 MWx12 = Rs.1,46,639/- MW/Month	Rs.62451/- Lakh/3823.17 MWx12 = Rs.1,36,124/- MW/Month	Rs.65827/- Lakh/4205.42 MWx12 = Rs.1,30,441/- MW/Month		
Rate for Short Term Customer (Rs./MW/day)	Rs.1,11,678/- x0.25/30 = Rs.930.65/ MW/Day.	Rs.1,46,639/- x0.25/30 = Rs.1,222/ MW/Day	Rs.1,36,124/- x0.25/30 = Rs.1,134/ MW/Day	Rs.1,30,441/- x0.25/30 = Rs.1,087/ MW/Day		
Rate payable by Short Term Customer in case of uncongested Transmission Network (in % For short term Customer)						

(a) upto 6 hours in a day in one block	1/4 <sup>th</sup> of the rate for short-term customers					
(b) More than 6 hours and upto 12 hours in a day in one block	1/2 of the rate for short-term customers					
(c) More than 12 hours and up to 24 hours in a day in one block	All full rate for Short-term customers					

(iii) Projected Revenue at current tariff, Projected Aggregate Revenue Requirement and Expected Revenue from Charges at proposed tariff for the ensuing years of the control period are as follows :  
In Rs. Lakh

	Revenue for the control period 2008-09 to 2010-11				
	1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year	4 <sup>th</sup> year	5 <sup>th</sup> year
	2008-09	2009-10	2010-11		
Projected Revenue at Current Tariff	46580.85	51235.68	56358.35		
Projected Aggregate Revenue Requirement	61163	62451	65827		
Expected Revenue from Charges at Proposed Tariff	61163	62451	65827		
Range of percentage of increase / decrease sought in the application for each of the ensuing year compared to the base year	31.31%	21.89%	16.80%		

(iv) Major reasons for increase / decrease in Tariff proposed :

Employee Cost, Administrative & General Charges, R and M Expenses, Interest, Depreciation , Tax, SLDC Handling Charges, Normative Return, Special Allocation.

(v) Major factors not considered in the above increase/decrease sought, if any :

All the factors have been considered.

(vi) Details of major changes proposed regarding applicable terms and conditions :

N I L.

(vii) Any other important issue :

N I L.

3. Application submitted by West Bengal State Electricity Transmission Company Ltd. may be inspected at the office of the Commission and ..... by ..... and certified copies of the application or part thereof may be obtained from the office of the Commission by .....
4. The application made for determination of Tariff has been posted on the website of the applicant at [www.wbsetcl.in](http://www.wbsetcl.in).
5. The suggestions, objections and comments, if any, on the proposals contained in the application may be submitted at the office of the Commission at ..... by .....

Place : Salt Lake  
Date :

( M. Pal )  
Chief Engineer, Central Planning & Engineering Department,  
W. B. State Electricity Transmission Co. Ltd.  
Bidyut Bhaban, Block - DJ, Sector – II,  
Bidhannagar, Kolkata – 700 091