West Bengal State Electricity Transmission Company Ltd.

(A West Bengal Government Enterprise)
Vidyut Bhavan, Saltlake
Kolkata -700091

Ref. No. Dir(opr)/WBSETCL/ACE/RAC/Tariff/153 Date 21 /02/2014

To
The Secretary,
West Bengal Electricity Regulatory Commission,
FD-415A, Poura Bhawan,
3rd Flr, Sector-III, Bidhannagar,
Kolkata – 700 106.

Sub: Submission of petition for determination of Tariff / Charges for the financial Years 2014-15, 2015-16 and 2016-17 under fourth control period.

Ref: Your letter no WBERC / TP-60 / 13-14 / 1789 dated 10/02/2014.

Sir,

In reference to your above mentioned we are hereby submitting Proforma A to F under Cost Accounting Records (Electricity Industry) for your kind information please.

Yours faithfully,
21.02.2014
(P. K. Sengupta)
Addl. Chief Engineer: RAC

Enclo: i) Proforma A to F under Cost Accounting Record (Electricity Industry (Total 8 pages)

21/2/14

WEST BENGAL ELECTRICITY REGULATORY COMMISSION
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KOLKATA

"SCHEDULE"

[See rule 4]

PROFORMA 'A'

Statement showing the cost of utilities like water collection, water treatment, ash handling plant, effluent treatment, etc

Name of the Company	
Name and address of the Plant	
Name of the Utility	
For the period	

I Quantitative Information

Sno.	Particulars	Unit	Current Year	Previous Year
A1	Installed capacity			
2	Quantity produced			
3	Capacity utilization %			
4	Quantity re-circulated			
5	Quantity purchased, if any			
6	Self-consumption including other losses (to be specified)			
7	Net units consumed			
B1	Gross fixed assets at the end of the year /period	Rs./Lakh		
2	Net fixed assets at the end of the year/period	Rs./Lakh		
3	Date of commissioning			

NOT APPLICABLE

II Cost Information:

Sno.	Particulars	Quantity	Rate (Rs. per unit)	Amount (Rupees)	Cost per unit (Rupees)	
					Current Year	Previous Year
1	Materials consumed (specify details)					
	a) Indigenous purchased b) Imported c) Self manufactured/produced					
2	Utilities (specify)					
3	Direct Employees Cost					
4	Direct Expenses					
5	Consumable Stores and Spares					
6	Repairs and Maintenance					
7	Depreciation					
8	Other Overheads					
9	Total					
10	Less: Credits, if Any					
11	Net total					
	Apportioned to cost centre or activity :	**Basis**	**Qty**	**Amount**		
	i. ii. iii. iv. etc.					

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(P. K. Sengupta)
Addl. Chief Engineer,
Regulatory Affairs Cell,
WBSETCL
Vidyut Bhavan, Kol-91

PROFORMA 'B'

Statement showing the cost of procurement of coal, lignite, gas, naphtha, fuel oil, bagasse or any other primary or secondary conventional or non-conventional fuel

Name of the Company	
Name and address of the Plant	
Name/Type of Fuel	
For the period	

Sno	Particulars	Quantity	Rate Rs. per Unit	Amount Rs.	Cost per unit (Rupees)	
					Current Year	Previous Year
A1	Purchase : (a) Total purchased (b) Less: deduction for driage, loss in transit etc. (c) Net weight of receipt at the gate					
2	Other Incidental Charges : (a) Commission or brokerage paid (b) Loading and unloading (c) Taxes and levies (d) Transportation charges (e) Others, if any (specify) (f) Sub total					
3	Total 1(c) + 2(f)					
B	Fuel procured from own or leased land or companies					
1	Opening balance in the land or companies					
2	Procurement during the year and the related expenses : (a) Royalty (b) Storage (c) Expenses at collection centres (specify) (d) Share of land development expenses, if any (e) Sub total					
3	Less : Expenses for Driage, Burning, Pilferage etc.					
4	Less : Closing Stock					
5	Net quantity transferable to factory gate					
6	Other incidental charges : (a) Loading and unloading (b) Transportation charges (c) Others, if any (specify) (d) Sub total					
7	Total quantity or cost at the factory gate (5+6)					
C	Total (A3+B7)					
D	Cost of issues from storage :					
1	Opening Stock at Storage					
2	Transferred from gate (item C above)					
3	Sub total (1+2)					
4	Less : Deduction for Driage and other losses at storage					
5	Less : Closing Stock					
6	Cost of net quantity transferred to Proforma 'C'					

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(P. K. Sengupta)
Addl. Chief Engineer,
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Vidyut Bhavan, Kol-91

PROFORMA 'C'

Statement showing the Cost of generation of Power (Thermal or Hydroelectric or Gas Turbine or Atomic or Wind or Solar, etc.)

Name of the Company	
Name and Address of the Generating Unit	
Type of Generation	
For the Period/Year	

I Quantitative Information:

Sno.	Particulars	Unit	Current Year	Previous Year
A1	Installed Capacity			
2	Minimum power to be purchased under PPA			
3	Planned Outage			
4	Forced Outage			
5	Plant Availability			
6	Loss due to backing down			
7	Reserve Outage			
8	Partial Unavailability Factor			
9	Power Generated			
10	Plant Load Factor			
11	Auxiliary Power Consumption			
12	Free supply, if any, to employee and office			
13	Net Power Generated			
14	Add Power Purchased, if any			
15	Power Available for Transmission			
16	Station Heat Rate (Kcal or KWH)			
B1	Gross Fixed Assets at the end of the year/period	Rs. Lakhs		
2	Net Fixed Assets at the end of the year/period	Rs. Lakhs		
3	Date of Commissioning			

NOT APPLICABLE

II Cost Information

Sno.	Particulars	Quantity and calorific value of the fuel used	Rate Rs. per Unit	Amount Rs.	Cost per unit (Rs./KWH)	
					Current Year	Previous Year
1	**Material/Fuel cost:** **IMPORTED** (a) Coal (b) Lignite (c) Naphtha or Oil (d) Gas (e) Bagasse (f) Others (specify) **INDIGENOUS** (a) Coal (b) Lignite (c) Naphtha / Oil (d) Gas (e) Bagasse (f) Others (specify) **Total Material or Fuel cost**					
2	Utilities, (specify)					
3	Direct Employees cost					
4	Consumable Stores and Spares					
5	Repairs and Maintenance					
6	Insurance					

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Sno.	Particulars	Quantity and calorific value of the fuel used	Rate Rs. per Unit	Amount Rs.	Cost per unit (Rs./KWH)	
					Current Year	Previous Year
7	Lease Rent, if any					
8	Ash handling					
9	Research and Development					
10	Royalty or Technical know-how fee, if any					
11	Depreciation or Amortization					
12	Other Plant Overheads					
13	Administrative Overhead					
14	Total (1 to 13)					
15	Less: Credits, if any (specify)					
16	Cost of Generation					
17	Selling Expenses, if any					
18	Cost of Sales					
19	Interest and Financing Charges :					
20	Total cost of generation (excluding electricity duty and other statutory levies) transferred to Proforma 'D'					
21	Add : Shortfall in minimum off-take quantity of power by Electricity Board, etc.					
22	Total (20+21)					
23	If sold, Sales Realisation: (i) at Notified rates approved by Regulatory Bodies) (a) Base Amount (b) Incentive Amount (c) Others (specify) (ii) Sales at other than notified rates (a) Base amount (b) Incentive amount (c) Others (specify) (iii) Total (i) +(ii)					
24	Margin (23-22)					

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Addl. Chief Engineer,
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Vidyut Bhavan, Kol-91

Proforma 'D'

Name of the company :	West Bengal State Electricity Transmission Company Ltd.
Name and address of the transmitting unit :	
For the Period/Year	2012-13

Statement showing the cost of Transmission/Distribution during the year/period :

I. Quantitative Information:

Serial No.	Particulars	Unit	Current year	Previous year
A1.	Surge Impendence Loading(SIL) or Rated Voltage	KV	400/220/132/66	400/220/132/66
2.	Power received from generating units including purchased, if any	MU	37030.082	
3.	Loss in transmission/distribution	MU	1296.053	
4.	Self consumption for employees and office	MU	N.A.	N.A
5.	Net power transmitted/distributed	MU	35734.029	33499.094
6.	Length of transmission/Distribution lines	Circuit KM	11445	11095
B1.	Gross fixed assets at the end of the year/period (Rs./Lakhs)		510695.3300	465892.68
2.	Net fixed assets at the end of the year/period (Rs./Lakhs)		357246.3100	326193.86
3	Date of commissioning			

II. Cost Information:

Serial No.	Particulars	Quantity	Rate (Rupees per unit)	Amount (Rupees in Lakhs))	Cost per unit (MU)	
					Current Year (Rupees)	Previous year (Rupees)
1.	Cost of power :					
	(a) Self generated transferred from Proforma 'C'	NIL	NIL	NIL	NIL	NIL
	(b) Purchased -					
	(i) Thermal	NIL	NIL	NIL	NIL	NIL
	(ii) Hydro-electric	NIL	NIL	NIL	NIL	NIL
	(iii) Atomic, etc.	NIL	NIL	NIL	NIL	NIL
	(c) Sub total	NIL	NIL	NIL	NIL	NIL
2.	Utilities, if any (specify)	NIL	NIL	NIL	NIL	NIL
3.	Direct Employees Cost	N.A	N.A	10544.04	0.29	0.29

(P. K. Sengupta)
Addl. Chief Engineer,
Regulatory Affairs Cell.

4.	Consumable stores and spares	NIL	NIL	NIL	NIL	NIL
5.	Repairs and maintenance :					
	(a) Sub-station	N.A.	N.A.			
	(b) Transmission lines	N.A.	N.A.	3,175.58	0.09	0.09
6.	Insurance	N.A.	N.A.	NIL	NIL	NIL
7.	Lease rent, if any	N.A.	N.A.	NIL	NIL	NIL
8.	Qualitty Control Expenses	N.A.	N.A.	NIL	NIL	NIL
9.	Research and Development	N.A.	N.A.	NIL	NIL	NIL
10.	Royalty or technical know-how fee, if any	N.A.	N.A.	NIL	NIL	NIL
11.	Depreciation or Amor tization	N.A.	N.A.	13,699.58	0.38	0.37
12	Other Plant overheads	N.A.	N.A.	8,795.12	0.25	0.17
13	Total cost of transmission/distribution			36,214.32	1.01	0.91
14	Less: Credits, if any (specify)			0.00	0.00	0.00
15	Administrative Overheads	N.A.	N.A.	5,953.04	0.17	0.16
16	Selling expenses, if any	N.A.	N.A.	0.00	0.00	0.00
17	Interest and finance charges :	N.A.	N.A.	18,833.89	0.53	0.54
18	Cost of Sales	N.A.	N.A.	61,001.25	1.71	1.6
19	Total cost of transmission/distribution to Proforma 'E'	N.A.	N.A.	61,001.25	1.71	1.6
20	If sold, sales realization or Transmission Charges or Distribution Charges				0.00	0.00
	i) at notified rates approved by Regulatory Bodies	N.A.	N.A.	101,028.31	2.83	0.00
	(a) Base amount	N.A.	N.A.	93,398.31	2.61	0.00
	(b) Incentive amount	N.A.	N.A.	N.A	0.00	0.00
	(c) others (specify)	N.A.	N.A.	N.A	0.00	0.00
	STOA Charges			6,121.26		
	Scheduling Charges & SLDC Charges			1,508.74		
	ii) Sales at other than notified rates	N.A.	N.A.	0.00	0.00	0.00
	(a) Base amount	N.A.	N.A.	0.00	0.00	0.00
	(b) Incentive amount	N.A.	N.A.	0.00	0.00	0.00
	(c) others (specify)	N.A.	N.A.	0.00	0.00	2.16
	iii) Total (i)+(ii)	N.A.	N.A.	101,028.31	2.83	2.16
21	Margin (20-19)	N.A.	N.A.	40,027.06	1.12	0.56
22	Add: Export benefits and incentives, if any	N.A.	N.A.	0.00	0.00	0
23	Total Margin (21 + 22)	N.A.	N.A.	40,027.06	1.12	0.56

(P. K. Sengupta)
Addl. Chief Engineer,
Regulatory Affairs Cell,
WBSETCL

PROFORMA 'E'

Statement showing the cost of supply (consumer servicing and billing, etc.)

Name of the Company	
Name and Address of the Supplying Unit	
For the Period/Year	

I. Quantitative Information:

Sno.	Particulars	Current Year		Previous Year	
A1	Installed Capacity				
2	Power Received				
		Number of consumers	Unit	Number of consumers	Unit
3	Power Supplied : (a) Domestic (b) Commercial (c) Industrial (d) Public Lighting (e) Agriculture (f) Others Total (a to f)				
4	Losses				
5	Area Covered (square KM)				
B1	Gross fixed assets at the end of the year/period (Rs./Lakhs)				
2	Net fixed assets at the end of the year/period (Rs./Lakhs)				
3	Date of Commissioning				

NOT APPLICABLE

II. Cost Information

Sno.	Particulars	Quantity	Rate Rs. per Unit	Amount Rs.	Cost per unit (Rupees) Current year	 Previous Year
1	Cost of Power : (a) Transferred Proforma 'D' (b) Purchased (c) sub total					
2	Direct Employees Cost (a) Maintenance of lines (b) Billing including meter reading (c) Others (specify) Sub total (a to c)					
3	Consumables Stores and Spares					
4	Servicing and Contract Work					
5	Insurance					
6	Depreciation					
7	Lease Rent, if any					
8	Other Supply Overheads					
9	Administrative Overhead:					
10	Total (1 to9)					
11	Selling Expenses					
12	Interest (net of Interest on consumer deposits)					
13	Total Cost of Sales					
14	Sales Realization					
15	Margin (14-13)					
16	Average Sale Realization (a) Domestic (b) Commercial (c) Industrial (d) Public Lighting (e) Agriculture (f) others					

NOT APPLICABLE

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Addl. Chief Engineer,
Regulatory Affairs Cell
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PROFORMA 'F'

Statement showing Acitivity-wise capital Cost and Machinery or Equipment relaing Electricity Activity and other common services or activities

Name of the Company	WEST BENGAL STATE ELECTRCITY TRANSMISSION COMPANY LIMITED
Name and address of the plant/unit	
For the period/year	2012-13

Sno.	Particulars	Gross block				Depreciation				Net Block	
	Assets(Specify assets activity wise)	Cost as at beginning of the year	Additions or Transfers during the year	Deductions or Transfer during the year	Total cost at the end of the year	As at beginning of the year	For the year	On deductions during the year	Total at the end of the year	As at beginning of the year	As at end of the year
A.	**Generation (specify)**										
1											
2											
etc.											
B.	**Transmission**										
1		465892.68	44802.65	0	510695.33	139698.82	13750.2	0	153449.02	326193.86	357246.31
2											
etc.											
C.	**Distribution**										
1											
2											
etc.											
D.	**Servicing or Billing or Administrative or Marketing**										
1											
2											
etc.											
E.	**Common**										
1											
2											
F.	**Others**										
1											
2											
H.	**Grand Total as per Audited Accounts (A to G)**	465892.68	44802.65	0	510695.33	139698.82	13750.2	0	153449.02	326193.86	357246.31

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