

**West Bengal State Electricity Distribution
Company Limited**



Volume-I

**Application seeking
Annual Performance Review for 2018-19**

**Submitted to the
HON'BLE WEST BENGAL ELECTRICITY REGULATORY
COMMISSION**

West Bengal State Electricity Distribution Company Limited



Annexure – I
of
Volume-I

Data Formats

Submitted to the
**HON'BLE WEST BENGAL ELECTRICITY REGULATORY
COMMISSION**



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**Form 1.1 : Availability of Plant
(Plant Availability Factor) - Annually**

Station	in %
	2018-19
Stabilised Commercial Operation	
A) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	97.28%
b) Rammam HEP	99.93%
B) Small Hydel Unit	
a) Jaldkha HEP Stg-II	65.79%
b) Teesta Canal Fall, PS-I	100.00%
c) Teesta Canal Fall, PS-II	66.67%
d) Teesta Canal Fall, PS-III	66.67%
e) Fazi	21.84%
f) Little Rangeet / Bijanbari	92.13%
g) Sidrabong	100.00%
h) Rinchinton	99.90%
i) Messanjore	100.00%
j) Mangoo- Kalikhola	85.37%
C) Pump Storage Project	
a) Purulia	97.67%
D) Solar Power Project	
a) Teesta Canal Bank Solar PV Project (10 MW)	100.00%
b) Mejia Solar PV Project (10 MW)	100.00%
c) Chharrah Solar PV Project (10 MW)	88.00%
d) Salboni(10 MW)	100.00%
e) Patni (10 MW)	100.00%
Note: Availability calculated from the date of commissioning of available unit	



**Form 1.1(a) : Availability of Unit
(Unitwise Availability Factor) - Annually (stationwise)**

Name of the Station:	in %	Remarks
	2018-19	
	Actual	
A) Hydel Power Stations:		
a) Jaldkha HEP Stg-I		
Unit 1	100.00%	
Unit 2	98.19%	
Unit 3	96.38%	
Unit 4	94.55%	
Overall	97.28%	
b) Jaldkha HEP Stg-II		
Unit 1	99.67%	
Unit 2	31.91%	
Overall	65.79%	
c) Rammam HEP		
Unit 1	100.00%	
Unit 2	99.98%	
Unit 3	99.76%	
Unit 4	99.99%	
Overall	99.93%	
d) Teesta Canal Fall, PS-I		
Unit 1	100.00%	
Unit 2	100.00%	
Unit 3	100.00%	
Overall	100.00%	
e) Teesta Canal Fall, PS-II		
Unit 1	0.00%	
Unit 2	100.00%	
Unit 3	100.00%	
Overall	66.67%	
f) Teesta Canal Fall, PS-III		
Unit 1	100.00%	
Unit 2	100.00%	
Unit 3	0.00%	
Overall	66.67%	
g) Fazi		
Unit 6	21.84%	
Overall	21.84%	



**Form 1.1(a) : Availability of Unit
(Unitwise Availability Factor) - Annually (stationwise)**

Name of the Station:	in %	Remarks
	2018-19	
	Actual	
h) Little Rangeet / Bijanbari		
Unit 1	86.13%	
Unit 2	98.13%	
Overall	92.13%	
i) Sidrabong		
Unit 1	100.00%	
Unit 2	100.00%	
Overall	100.00%	
j) Rinchinton		
Unit 1	99.95%	
Unit 2	99.85%	
Overall	99.90%	
k) Messanjore		
Unit 1	100.00%	
Unit 2	100.00%	
Overall	100.00%	
l) Mangoo- Kalikhola		
Unit 1	96.93%	
Unit 2	97.85%	
Unit 3	61.32%	
Overall	85.37%	
B) Pump Storage Project:		
a) Purulia		
Unit 1	97.01%	
Unit 2	97.98%	
Unit 3	98.12%	
Unit 4	97.57%	
Overall	97.67%	
C) Solar Power Plant:		
a) Teesta Canal Bank Solar PV Project (10 MW)	100.00%	
b) Mejia Solar PV Project (10 MW)	100.00%	
c) Chharrah Solar PV Project (10 MW)	88.00%	
d) Salboni (10 MW)	100.00%	
e) Patni (10 MW)	100.00%	
Overall	97.60%	



Form 1.2 Plant Load Factor - Annually

Station	2018-19
	Actual in %
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	52.91
b) Rammam HEP	53.00
c) Jaldkha HEP -Stg-II	43.02
d) Teesta Canal Falls PS-I	15.13
e) Teesta Canal Falls PS-II	14.69
f) Teesta Canal Falls PS-III	13.54
g) Other Hydro	21.54
Sub Total - Hydel	35.29
ii) Pump Storage Power Station:	
a) Purulia	14.00
iii) Diesel Power Station:	
a) Rudranagar	0.000
iv) Solar Power Station:	
a) Teesta Canal Bank Solar PV Project (10 MW)	15.38
b) Mejia Solar PV Project (10 MW)	8.98
c) Chharrah Solar PV Project (10 MW)	8.12
d) Salboni(10 MW)	4.22
e) Patni (10 MW)	3.76
Sub Total - Hydel	9.24



**Form 1.3 Gross Energy available at Generators Terminal for
Stabilised Commercial Operation
(Stationwise)**

Station	2018-19
	Actual
	MU
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	166.864
b) Rammam HEP	236.766
c) Jaldkha HEP -Stg-II	30.150
d) Teesta Canal Falls PS-I	29.822
e) Teesta Canal Falls PS-II	28.947
f) Teesta Canal Falls PS-III	26.684
g) Rinchington Hydel Project	3.656
h) L.R.H.P.	8.475
i) M.K.H.P.	6.109
j) Sidrapong	0.223
k) Messanjore	7.958
l) Fazi	0.090
Sub Total - Hydel	545.744
ii) Pump Storage Power Station:	
a) Purulia	1103.944
iii) Diesel Power Station:	
a) Rudranagar	0.000
iv) Solar Power Station:	
a) Teesta Canal Bank Solar PV Project (10 MW)	13.471
b) Chharrah (10MW)	7.866
c) Mejhia (10 MW)	7.116
d) Salboni(10 MW)	3.701
e) Patni (10 MW)	3.296
Sub Total -Solar	35.450
Grand Total:	1685.137



**Form 1.4(a) Auxiliary Consumption for stabilised
Commercial Operation (Stationwise)**

Station	2018-19
	Actual
	MU
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	1.669
b) Rammam HEP	2.368
c) Jaldkha HEP -Stg-II	0.301
d) Teesta Canal Falls PS-I	0.298
e) Teesta Canal Falls PS-II	0.289
f) Teesta Canal Falls PS-III	0.267
g) Rinchington Hydel Project	0.037
h) L.R.H.P.	0.085
i) M.K.H.P.	0.061
j) Sidrapong	0.002
k) Messanjore	0.080
l) Fazi	0.001
Sub Total - Hydel	5.457
ii) Pump Storage Power Station:	
a) Purulia	18.767
iii) Diesel Power Station:	
a) Rudranagar	0.000
iv) Solar Power Station:	
a) Teesta Canal Bank Solar PV Project (10 MW)	0.000
b) Chharrah (10MW)	0.000
c) Mejhia (10 MW)	0.000
d) Salboni(10 MW)	0.000
e) Patni (10 MW)	0.000
Sub Total -Solar	0.000
Grand Total:	24.224

**Form 1.4(b) Pumping Energy for Pumped Storage Project
including Transmission & Transformation Loss**

Station	2018-19
	Actual
	MU
a) Purulia Pump Storage Project	1544.323

Form 1.5(a) Net Sent Out for Stabilised
Commercial Operation (Stationwise)

Station	2018-19
	Actual
	MU
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	165.196
b) Rammam HEP	234.399
c) Jaldkha HEP -Stg-II	29.848
d) Teesta Canal Falls PS-I	29.524
e) Teesta Canal Falls PS-II	28.657
f) Teesta Canal Falls PS-III	26.417
g) Rinchington Hydel Project (*)	3.620
h) L.R.H.P. (*)	8.390
i) M.K.H.P. (*)	6.048
j) Sidrapong (*)	0.221
k) Messanjore (*)	7.878
l) Fazi (*)	0.089
Sub Total - Hydel	540.286
ii) Pump Storage Power Station:	
a) Purulia	1085.177
iii) Diesel Power Station:*	
a) Rudranagar	0.000
iv) Solar Power Station:*	
a) Teesta Canal Bank Solar PV Project (10 MW)	13.471
b) Chharrah (10MW)	7.866
c) Mejhia (10 MW)	7.116
d) Salboni(10 MW)	3.701
e) Patni (10 MW)	3.296
Sub Total -Solar	35.450
Grand Total:	1660.913

NB: * denotes for energy injection at 33 KV and below.



Form 1.6(a) : Energy Purchased (Sourcewise)

	Station	2018-19
		Actual MU
A	WBDCL	
	Bandel TPS	1175.943
	Santalidhi TPS	3238.022
	Kolaghat TPS	3910.861
	Bakreswar TPS (Stage - I)	3981.313
	Bakreswar TPS (Stage - II)	2538.108
	Sagardighi TPS (Stage - I)	2300.651
	Sagardighi TPS (Stage - II)	3226.064
	TOTAL WBDCL	20370.962
B	DPL	
	132/220 KV	709.594
	33KV & 11 KV	52.513
	TOTAL DPL	762.107
C	IPCL Hiranmayee	72.622
D	NTPC	
	Farraka STPS Stg I & II	3401.114
	Farraka STPS Stg III	1153.757
	Talcher STPS	578.210
	Kahelgaon (Stg-I) STPS	116.261
	Kanti Bijli	191.642
	TOTAL NTPC	5440.983
E	PTC	
	Chukha	471.800
	Kurichu	32.531
	Tala Hydro	971.669
	J&K (Baglihar)	516.721
	APNRL	482.737
	Jhabua	22.777
	Jaiprakash	60.409
	TOTAL PTC	2558.645
F	N.H.P.C	
	Rangit	621.623
	Teesta-V	94.780
	TLDP III	553.917
	TLDP IV	687.162
	Total N.H.P.C	1957.481
G	DVC	
	Short term	942.403
	Mejia TPS-V	296.793
	Radial	549.877
	Total DVC	1789.073



Form 1.6(a) : Energy Purchased (Sourcewise)

	Station	2018-19
		Actual
		MU
H	NVVNL Bundle Power (Thermal)	396.418
I	Govt. Of Sikkim	0.297
J	CESC Limited	12.676
K	Jharkhand Bijli Vitaran Nigam Limited	0.096
L	APDCL	0.527
M	TPTCL	
	Maithon Power	1855.001
	Dagachhu	16.991
	Total TPTCL	1871.991
N	Co-generation/ Renewable Sources of Energy	
	WBREDA	0.023
	Tata Power Company Limited (Haldia)	36.223
	Electro Steel Casting Limited	49.688
	Neora Hydro Limited	8.085
	Nippon Power Limited	11.475
	Himadri Chemicals & Industries Ltd	51.146
	Shree Renuka Sugars Ltd.	0.000
	Reshmi Cements Ltd	7.780
	Bengal Energy Limited	173.499
	Concast Bengal Ind. Ltd.	5.139
	NVVNL Bundle Power (Solar)	93.718
	Solitaire	1.900
	Short-term(TPC-Haldia)	319.588
	Total Co-generation/ Renewable Sources	758.265
O	Short Term	
	Tader	
	Tata Power Trading Co. Ltd. (TPTCL)	42.838
	PTC India Ltd. (PTC)	103.417
	Arunachal Pradesh Power Development	62.308
	NHPC	27.264
	Total Trader	235.828
	Power Exchange	
	Power Exchange India Limited	70.539
	Indian Energy Exchange Limited	2630.921
	Total Power Exchange	2701.459
	Total short-term	2937.287
P	Swap In	233.510
	Grand Total:	39162.940
	Less: CTU Grid Loss	231.566
	Net Purchase	38931.374

Form 1.7: T&D Loss %

Ref		Unit	Derivation	2018-19 (Actual)	Remarks
1	Generation [Form 1.3]	MU	A	1685.137	
2	Auxiliary Consumption [Form 1.4(a)]	MU	B1	24.224	
3	Transformation Loss [Form 1.4(b)]	MU	B2	0.000	
4	Units delivered to system from generation (including infirm power, if any) [Form 1.5(a)]	MU	C=A-B1-B2	1660.913	
5	Quantum of infirm power included in 1	MU		0.000	
6	Energy Purchased [Form 1.6(a)]	MU	D	37548.147	After deducting STU loss of 1383.227 MU
7	Energy Received for Wheeling [Form 1.9a]	MU	E	51.198	
8	Overall Gross Energy Input to WBSETCL System	MU	F=C+D+E	39260.258	
9	Energy sold to other than licensees and consumers [Form 1.9b]	MU	G1	1964.592	
10	Additional Units allowed by Commission for Sales to persons other than licensees or any consumers	MU	G2	69.147	
11	Units sold/ used for pumping energy of Pumped Storage Project at Bus bar [Form 1.4(b)]	MU	G3	1491.816	
12	Additional Units allowed by Commission against Pumping Energy for pumping loss	MU	G4	52.507	
13	Energy sold to licensee [Form 1.9c]	MU	G5	113.521	
14	Additional Units allowed by Commission for Sales to other licensees	MU	G6	3.996	
15	Net UI [Actual drawal]	MU	G7	-555.922	UI (IN) -768.570 MU UI (OUT) -212.647 MU
16	Total Energy goes out of System	MU	G=G1+G2+G3+G4+G5+G6+G7	3139.656	
17	Net Energy in System	MU	H=F-G	36120.603	
18	Units sold to consumers + Sale to DPSCl. from Distribution System	MU	I	27716.518	
19	Units wheeled [Form 1.9d]	MU	J	47.664	
20	Additional units allowed for wheeling	MU	K	3.534	
21	Units utilised in own premises including construction power	MU	L	57.750	
22	Quantum of construction power included in 21	MU		0.000	
23	Overall Utilisation	MU	M=sum(I:L)	27825.466	
24	Unutilised Units	MU	N=H-M	8295.137	
25	System Loss	%	O= N*100/H	22.97	

Chief Engineer (Regulation)
Regulation Department
WBSEDCL

Form 1.8 : Aggregate Technical & Commercial (ATC) Loss



Ref		Unit	Derivation	As per direction 8.4 (d) of Tariff order 2017-18
1	Unit supplied to System (item H of form 1.7)	MU	A	36120.603
2	Unit utilised (Item M of form 1.7)	MU	B	27825.466
3	Unutilised Units (Item N of form 1.7)	MU	$C = A - B$	8295.137
4	Distribution Loss % (Item O of form 1.7)	%	$D = (C \times 100) / A$	22.97
5	Realised Units in corresponding period	MU	E	27728.08
6	AT& C loss in units	MU	$F = A - E$	8392.525
7	AT& C loss in %	%	$G = (F / A) \times 100$	23.23

Form 1.8 : Aggregate Technical & Commercial (ATC) Loss

Ref		Unit	Derivation	Actual
1	Unit supplied to System (item H of form 1.7)	MU	A	36120.603
2	Unit utilised (Item M of form 1.7)	MU	B	27825.466
3	Unutilised Units (Item N of form 1.7)	MU	C= A-B	8295.137
4	Distribution Loss % (Item O of form 1.7)	%	D= (C x 100)/A	22.97
5	Realised Units in corresponding period	MU	E	25514.84
6	AT& C loss in units	MU	F= A-E	10605.758
7	AT& C loss in %	%	G=(F/A) x 100	29.36

Form 1.9 : Energy Balance

2018-19

Ref.	Particulars	Unit	Derivation	Actual	Remarks
A	Energy Input				
1	Generation [Form 1.3]	MU		1685.137	
2	Auxiliary Consumption [Form 1.4]	MU		24.224	
3	Transformation Loss	MU		0.000	
4	Units delivered to system from generation [Form 1.5]	MU	4=1-2-3	1660.913	
5	Energy Purchased at EHV including SWAP in power [Form 1.6]	MU	5	37548.147	After deducting STU loss of 1383.227 MU
6	Energy Received for Wheeling at 132 KV [Form 1.9a]	MU	6	51.198	
7	Overall Gross Energy Input to WBSETCL System	MU	7=sum(4:6)	39260.258	
8	Unit sold to persons other than licensees or any consumers [Form 1.9b]	MU		1964.592	
9	Additional units allowed by Commission for sale to persons other than licensees or any consumers	MU		69.147	
10	Units sold/ used for pumping energy of Pumped Storage Project at Bus bar [Form 1.4(b)]	MU		1491.816	
11	Additional Units allowed by Commission against Pumping Energy for pumping loss	MU		52.507	
12	Energy sold to licensee [Form 1.9c]	MU		113.521	
13	Additional Units allowed by Commission for Sales to other licensees	MU		3.996	
14	Net UI [Actual drawal]	MU		-555.922	UI (IN) =768.570 MU UI (OUT) =212.647 MU
15	Total Energy goes out of System	MU	15=8+9+10+11+12+13+14	3139.656	
	Energy Input for own system	MU	7-15	36120.602	
B	Energy Utilisation [Form 1.7]				
a.	Units sold to consumers + Sale to DPSCCL from Distribution System	MU		27716.518	
b	Units wheeled [Form 1.9c]	MU		47.664	
c	Additional units allowed for wheeling	MU		3.534	
d	Units utilised in own premises including construction power	MU		57.750	
e	Unutilised Units	MU		8295.137	
	Total Energy	MU	sum(Y:AD)	36120.603	

**Form 1.9 a : Energy received for Wheeling (at 33KV)**

Ref.	Particulars	MU
		Actual
1.	Wheeling(Rashmi Cement,Solitaire & PCBL)	51.198

Form 1.9 b : Energy sold to person other than licensees or any consumers

Ref.		MU
		Actual
1	Energy sold to person other than licensees and consumers	1794.442
2	Swap Out	170.150
	Grand Total:	1964.592

Note:

Form 1.9 c : Energy sold to licensees

Ref.	Licensee	MU
		Actual
1	CESC	5.348
2	DPL	64.731
3	Govt. of Sikkim	43.441
4	DVC	0.000
	Total sale at EHV level	113.521
5	DPSC	
	At HV level	38.404
	TOTAL	151.924

Form 1.9 d : Energy wheeled at Delivery Point

Ref.	Particulars	MU
		Actual
1.	Wheeling(Rashmi Cement,Solitaire & PCBL)	47.664

Form 1.11 : COST OF FUEL (STATIONWISE)

Name of the Station:

RUDRANAGAR DIESEL POWER STATION

Rs. In Lakhs

Sl. No.	STATION	DERIVATION	UNIT	2018-19
				Actual
1	Gross Generation		MU	0.000
2	Auxiliary consumption		MU	
3	Sent-out Energy	3=1-2	MU	0.000
4	Station Heat Rate	4	kCal/kWh generated	
5	Total Heat Required	5=1x4	GCal	
6	Specific Oil Consumption		ml/kWh	
7	Oil Consumption	7=6x1	KL	
8	Heat Value of Oil		kCal/Litre	
9	Heat from Oil	9=7x8	GCal	
10	Heat from Coal	10=5-9	GCal	
11	Heat Value of Coal		kCal/Kg	
12	Coal Consumption	12=10/11	Tonne	
13	Coal requirement considering Transit Loss		Tonne	
14	Average Price of Oil		Rs./KL	
15	Average Price of Coal		Rs./Tonne	0.00
16	Cost of Oil	16=7x14	Rs. Lakhs	0.00
17	Cost of Coal	17=13x15	Rs. Lakhs	0.00
18	Total Fuel Cost	18=16+17	Rs. Lakhs	0.00

Sudipta Kundu
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise**Name of the Station: Small Hydro (Mini Micro + TCF)**

		Rs. In Lakhs	
Ref.	Particulars	2018-19	Actual
	Cost of Energy from own Generation - all stations		
	Excludes expense shown under any other head		
(i)	Fuel Cost		
	Coal	-	
	Oil	-	
	others	-	
	Sub - Total (i)	-	
(ii)	Coal & Ash handling charges	-	
(iii)	Demurrage for Transportation of Fuel	-	
(iv)	Water Charges	-	
(v)	Consumption of stores & spares	-	
(vi)	Employee Costs		
	Salaries & Wages	1048	
	Bonus	12	
	Contribution to Funds	46	
	Welfare Expenses	131	
	Sub - Total (ii)	1237	
	Operation & Maintenance ***		
(vii)	Cost of Outsourcing		
	Back Office Job		
	Security Charges		
	Maintenance of gen Stn		
	Sub-station Maintenance		
	Line Maintenance		
	Sub - Total (iii)		
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)		
	Buildings		
	Plant & Machineries		
	Others		
	Sub - Total (iv)		
(ix)	Administrative & Gen Expenses		
	Travelling Expenses		
	Vehicle Maintenance		
	Telephone Expenses		
	Rent		
	Other Management & Administrative Expenses		
	Sub - Total (v)		
	Total Operation & Maintenance ***		
(x)	Depreciation	-	
(xi)	Others		
	Expenses due to Penalty, Fines etc.	-	
	Others Finance Charge	-	
	Others, if not specified	-	
	Written off of the Assets	-	

	Sub - Total (vi)	-
(xii)	Overall (1.12)	1237
***	For O& M expenses claim made at normative level as allowed in ARR	



Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station: Small Hydro (Mini Micro + TCF)

Ref.	Particulars	2018-19
		Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	-
	Oil	-
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	-
(vi)	Employee Costs	
	Salaries & Wages	1048
	Bonus	12
	Contribution to Funds	46
	Welfare Expenses	131
	Sub - Total (ii)	1237
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	16
	Security Charges	198
	Maintenance of gen Stn	576
	Sub-station Maintenance	-
	Line Maintenance	-
	Sub - Total (iii)	790
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	44
	Plant & Machineries	118
	Others	178
	Sub - Total (iv)	340
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	11
	Vehicle Maintenance	112
	Telephone Expenses	4
	Rent	2
	Other Management & Administrative Expenses	43
	Sub - Total (v)	171
	Total Operation & Maintenance ***	1301
(x)	Lease Rental	-
(xi)	Depreciation	
(xii)	Others	
	Expenses due to Penalty, Fines etc.	
	Others Finance Charge	
	Others, if not specified	
	Written off of the Assets	
	Sub - Total (vi)	-
(xiii)	Overall (1.12)	2538

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station:PPSP

Ref.		Particulars	Rs. In Lakhs
			2018-19
			Actual
		Cost of Energy from own Generation - all stations	
		Excludes expense shown under any other head	
(i)		Fuel Cost	
		Coal	-
		Oil	-
		others	-
		Sub - Total (i)	-
(ii)		Coal & Ash handling charges	-
(iii)		Demurrage for Transportation of Fuel	-
(iv)		Water Charges	-
(v)		Consumption of stores & spares	-
(vi)		Employee Costs	
		Salaries & Wages	915
		Bonus	10
		Contribution to Funds	44
		Welfare Expenses	118
		Sub - Total (ii)	1087
		Operation & Maintenance ***	
(vii)		Cost of Outsourcing	
		Back Office Job	
		Security Charges	
		Maintenance of gen Stn	
		Sub-station Maintenance	
		Line Maintenance	
		Sub - Total (iii)	
(viii)		Repairs & Maintenance (excluding salaries etc. & stores)	
		Buildings	
		Plant & Machineries	
		Others	
		Sub - Total (iv)	
(ix)		Administrative & Gen Expenses	
		Travelling Expenses	
		Vehicle Maintenance	
		Telephone Expenses	
		Rent	
		Other Management & Administrative Expenses	
		Sub - Total (v)	
		Total Operation & Maintenance ***	
(x)		Depreciation	-
(xi)		Others	
		Expenses due to Penalty, Fines etc.	-
		Others Finance Charge	-
		Others, if not specified	-
		Written off of the Assets	-
		Sub - Total (vi)	-
(xii)		Overall (1.12)	1087
***		For O& M expenses claim made at normative level as allowed in ARR	

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station:PPSP

Rs. In Lakhs		2018-19
Ref.	Particulars	Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	-
	Oil	-
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	
(vi)	Employee Costs	915
	Salaries & Wages	10
	Bonus	44
	Contribution to Funds	118
	Welfare Expenses	1087
	Sub - Total (ii)	
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	135
	Security Charges	806
	Maintenance of gen Stn	19
	Sub-station Maintenance	81
	Line Maintenance	1041
	Sub - Total (iii)	
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	18
	Buildings	258
	Plant & Machineries	185
	Others	462
	Sub - Total (iv)	
(ix)	Administrative & Gen Expenses	8
	Travelling Expenses	56
	Vehicle Maintenance	3
	Telephone Expenses	-
	Rent	54
	Other Management & Administrative Expenses	121
	Sub - Total (v)	1623
	Total Operation & Maintenance ***	-
(x)	Lease Rental	-
(xi)	Depreciation	-
(xii)	Others	-
	Expenses due to Penalty, Fines etc.	-
	Others Finance Charge	-
	Others, if not specified	-
	Written off of the Assets	-
	Sub - Total (vi)	2711
(xiii)	Overall (1.12)	

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station: JALDHAKA - Stage I

		Rs. In Lakhs
Ref.	Particulars	2018-19 Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	
	Oil	
	others	
	Sub - Total (i)	
(ii)	Coal & Ash handling charges	
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Charges	
(v)	Consumption of stores & spares	
(vi)	Employee Costs	298
	Salaries & Wages	4
	Bonus	19
	Contribution to Funds	49
	Welfare Expenses	369
	Sub - Total (ii)	
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	
	Security Charges	
	Maintenance of gen Stn	
	Sub-station Maintenance	
	Line Maintenance	
	Sub - Total (iii)	
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	***
	Plant & Machineries	
	Others	
	Sub - Total (iv)	
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	
	Vehicle Maintenance	
	Telephone Expenses	
	Rent	
	Other Management & Administrative Expenses	
	Sub - Total (v)	
	Total Operation & Maintenance ***	
(x)	Depreciation	
(xi)	Others	1
	Expenses due to Penalty, Fines etc.	
	Others Finance Charge	
	Others, if not specified	
	Written off of the Assets	1
	Sub - Total (vi)	370
(xii)	Overall (1.12)	
***	For O & M expenses claim made at normative level as allowed in ARR	

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station: JALDHAKA - Stage I

Rs. In Lakhs

Ref.	Particulars	2018-19 Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	
	Oil	
	others	
	Sub - Total (i)	
(ii)	Coal & Ash handling charges	
(iii)	Demurrage for Transportation of Fuel	
(iv)	Water Charges	
(v)	Consumption of stores & spares	
(vi)	Employee Costs	298
	Salaries & Wages	4
	Bonus	19
	Contribution to Funds	49
	Welfare Expenses	
	Sub - Total (ii)	369
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	1
	Back Office Job	60
	Security Charges	93
	Maintenance of gen Stn	0
	Sub-station Maintenance	0
	Line Maintenance	
	Sub - Total (iii)	153
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	55
	Buildings	9
	Plant & Machineries	101
	Others	
	Sub - Total (iv)	164
(ix)	Administrative & Gen Expenses	4
	Travelling Expenses	39
	Vehicle Maintenance	1
	Telephone Expenses	-
	Rent	13
	Other Management & Administrative Expenses	
	Sub - Total (v)	57
	Total Operation & Maintenance ***	374
(x)	Lease Rental	
(xi)	Depreciation	
(xii)	Others	1
	Expenses due to Penalty, Fines etc.	
	Others Finance Charge	
	Others, if not specified	
	Written off of the Assets	
	Sub - Total (vi)	1
(xiii)	Overall (1.12)	745



Chief Engineer (Regulation)
Regulation Department
WBSEDCL

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station:RAMMAM

		Rs. in Lakhs
		2018-19
Ref.	Particulars	Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	
	Oil	
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	-
(vi)	Employee Costs	
	Salaries & Wages	489
	Bonus	7
	Contribution to Funds	25
	Welfare Expenses	70
	Sub - Total (ii)	592
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	
	Security Charges	
	Maintenance of gen Stn	
	Sub-station Maintenance	
	Line Maintenance	
	Sub - Total (iii)	
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	***
	Plant & Machineries	
	Others	
	Sub - Total (iv)	
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	
	Vehicle Maintenance	
	Telephone Expenses	
	Rent	
	Other Management & Administrative Expenses	
	Sub - Total (v)	
	Total Operation & Maintenance ***	
(x)	Depreciation	-
(xi)	Others	
	Expenses due to Penalty, Fines etc.	-
	Others Finance Charge	-
	Others, if not specified	-
	Written off of the Assets	-
	Sub - Total (vi)	-
(xii)	Overall (1.12)	592
***	For O & M expenses claim made at normative level as allowed in ARR	

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station:RAMMAM

		Rs. In Lakhs
Ref.	Particulars	2018-19 Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	-
	Oil	-
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	-
(vi)	Employee Costs	
	Salaries & Wages	489
	Bonus	7
	Contribution to Funds	25
	Welfare Expenses	70
	Sub - Total (ii)	592
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	0
	Security Charges	64
	Maintenance of gen Stn	52
	Sub-station Maintenance	0
	Line Maintenance	26
	Sub - Total (iii)	141
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	24
	Plant & Machineries	21
	Others	97
	Sub - Total (iv)	141
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	3
	Vehicle Maintenance	80
	Telephone Expenses	2
	Rent	-
	Other Management & Administrative Expenses	8
	Sub - Total (v)	93
	Total Operation & Maintenance ***	376
(x)	Lease Rental	
(xi)	Depreciation	
(xii)	Others	
	Expenses due to Penalty, Fines etc.	
	Others Finance Charge	
	Others, if not specified	
	Written off of the Assets	
	Sub - Total (vi)	-
(xiii)	Overall (1.12)	968

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station: Solar

Rs. In Lakhs	
Ref.	Particulars
	2018-19
	Actual
	Cost of Energy from own Generation - all stations
	Excludes expense shown under any other head
(i)	Fuel Cost
	Coal
	Oil
	others
	Sub - Total (i)
(ii)	Coal & Ash handling charges
(iii)	Demurrage for Transportation of Fuel
(iv)	Water Charges
(v)	Consumption of stores & spares
(vi)	Employee Costs
	Salaries & Wages
	Bonus
	Contribution to Funds
	Welfare Expenses
	Sub - Total (ii)
	Operation & Maintenance
(vii)	Cost of Outsourcing
	Back Office Job
	Security Charges
	Maintenance of gen Stn ***
	Sub-station Maintenance
	Line Maintenance
	Sub - Total (iii)
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)
	Buildings
	Plant & Machineries
	Others
	Sub - Total (iv)
(ix)	Administrative & Gen Expenses
	Travelling Expenses
	Vehicle Maintenance
	Telephone Expenses
	Rent
	Other Management & Administrative Expenses
	Sub - Total (v)
	Total Operation & Maintenance ***
(x)	Lease Rental
(xi)	Depreciation
(xii)	Others
	Expenses due to Penalty, Fines etc.
	Others Finance Charge
	Others, if not specified
	Written off of the Assets
	Sub - Total (vi)
(xiii)	Overall (1.12)
***	WBSEDCL has appointed contractor for Design & Engineering, Manufacturing / Procurement, Supply, Installation, Testing & Commissioning and five (5) years' Comprehensive O&M of the 10 MW Teesta Canal Bank Solar PV Plant. After final commissioning of the plant, WBSEDCL has handed over the plant to the contractor on 11.03.2017 for comprehensive O&M for five (5) years. WBSEDCL pays O&M fee to the contractor for such comprehensive O&M as per the contractual price schedule. However, such O&M payment made by WBSEDCL for 2018-19 is not claimed in this APR Application, as the expense is not borne by WBSEDCL and the O&M payment is made from the grant fund dedicated for this solar plant. The grant fund covers comprehensive O&M expenses for five (5) years from the date of handover of the plant. After completion of five (5) years, i.e., after 10.03.2022, WBSEDCL will have to incur O&M expense for the Teesta Canal Bank Solar PV Plant.

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station:Overall

		Rs. In Lakhs
Ref.	Particulars	2018-19
		Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	-
	Oil	-
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	-
(vi)	Employee Costs	2,750.54
	Salaries & Wages	34.20
	Bonus	133.72
	Contribution to Funds	367.34
	Welfare Expenses	3,285.81
	Sub - Total (ii)	
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	
	Security Charges	
	Maintenance of gen Stn	
	Sub-station Maintenance	
	Line Maintenance	
	Sub - Total (iii)	
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	5,054.25
	Plant & Machineries	
	Others	
	Sub - Total (iv)	
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	
	Vehicle Maintenance	
	Telephone Expenses	
	Rent	
	Other Management & Administrative Expenses	
	Sub - Total (v)	
	Total Operation & Maintenance ***	-
(x)	Depreciation	
(xi)	Others	0.64
	Expenses due to Penalty, Fines etc.	-
	Others Finance Charge	-
	Others, if not specified	-
	Written off of the Assets	-
	Sub - Total (vi)	0.64
(xii)	Overall (1.12)	8341
***	For O& M expenses for Rammam, Jaldhaka, PPSP and Small Hydro power plants, claim made at normative level as allowed in ARR and for Solar claim is made at actuals	

Sudip Choudhury
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form 1.12 : Expenditure - Cost of Energy from own Generation - Stationwise

Name of the Station: Overall

Ref.	Particulars	Rs. In Lakhs
		2018-19 Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	-
	Oil	-
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	
(vi)	Employee Costs	2,750.54
	Salaries & Wages	34.20
	Bonus	133.72
	Contribution to Funds	367.34
	Welfare Expenses	3,285.81
	Sub - Total (ii)	
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	16.73
	Back Office Job	456.72
	Security Charges	1,527.06
	Maintenance of gen Stn	18.74
	Sub-station Maintenance	106.92
	Line Maintenance	2,126.16
	Sub - Total (iii)	
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	139.98
	Buildings	406.09
	Plant & Machineries	562.29
	Others	1,108.36
	Sub - Total (iv)	
(ix)	Administrative & Gen Expenses	26.13
	Travelling Expenses	286.64
	Vehicle Maintenance	10.19
	Telephone Expenses	1.76
	Rent	117.13
	Other Management & Administrative Expenses	441.85
	Sub - Total (v)	3,676.37
	Total Operation & Maintenance ***	-
(x)	Lease Rental	-
(xi)	Depreciation	
	Insurance	
(xii)	Others	0.64
	Expenses due to Penalty, Fines etc.	-
	Others Finance Charge	-
	Others, if not specified	-
	Written off of the Assets	0.64
	Sub - Total (vi)	6,962.83
(xiii)	Overall (1.12)	

Form 1.15 : Expenditure - Distribution of Energy

		Rs. In Lakhs
Ref.	Particulars	2018-19
		Actual
	Expenses on Distribution of Energy	
	Excludes Expenses shown under any other head	
(i)	Employee Costs	
	Salaries & Wages	57,645.86
	Bonus	965.40
	Contribution to Funds	2,826.87
	Welfare Expenses	6,325.31
	Previous year adjustments	(19.00)
	Sub - Total (i)	67,744.44
(ii)	Operation and maintenance	
(a)	Repairs & Maintenance (excluding salaries etc. & stores)	
		214.41
	Buildings	20,657.81
	Distribution Asset	514.57
	Others	
	Sub - Total (ii)	21,386.79
(b)	Other Administrative & Gen Expenses	
	Travelling Expenses	374.76
	Vehicle Maintenance	4,101.53
	Telephone Expenses	211.56
	Rent	1,261.08
	Other Management & Administrative Expenses	3,707.00
	Sub - Total (iii)	9,655.94
	Total Operation and maintenance	31,042.73
(iv)	Expenses for Complaint Management mechanism	307.29
(v)	Lease Rental	2.30
(vi)	Insurance	-
(vii)	Rates & Taxes	110.88

Sandeep Kumar
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form 1.15 : Expenditure - Distribution of Energy

Rs. In Lakhs		2018-19
Ref.	Particulars	Actual
(viii)	Cost of outsourcing Manpower related	
	Sub-station Maintenance	2,101.00
	HT Line Maintenance	15,593.00
	Security Charges	3,286.00
	Meter Reading & Bill Distribution	13,184.00
	Back office Job	48.00
	Call centre	2,539.00
	LT Mobile Maintenance	16,135.00
	Franchisee	684.00
	Collection Franchisee	2,298.00
	Data warehousing	-
	Sub - Total (iv)	55,868.00
(ix)	Cost of outsourcing excluding manpower	
	Sub-station Maintenance	-
	HT Line Maintenance	-
	LT Mobile Maintenance	-
	Back office Job	-
	Franchisee	-
	Meter Reading & Bill Distribution	-
	Collection Franchisee	-
	Data warehousing	-
	Security Charges	-
	Sub - Total (v)	-
(x)	Bad Debts written off-dues from Customers	120.00
(xi)	Depreciation	-
(xii)	Others finance charge	-
(xiii)	Others to be specified, if any	
	Expenses due to Penalty, Fines etc.	-
	Loss of materials by pilferage	-
	Loss of obsolete store materials	56.26
	Compensation to outsiders on injury/death/damages	407.95
	Prior period expenses	-
	Loss on demolition/ retirement of asset	1,032.00
	Sub - Total (vi)	1,496.22
(xii)	Overall	156,691.86

Sundip Kumar Pal
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form 1.16 : Expenditure - Sale of Energy

		Rs. Lakhs	
Ref.	Particulars	2018-19	Basis
		Actual	
	Expenses on Sale of Energy		
	Excluding Expenses shown under any other head		
(i)	Consumption of printing and stationery		
(ii)	Repairs & Maintenance (excluding salaries etc. & stores)		
(iii)	Employee Costs ¹		
	Salaries & Wages		
	Bonus		
	Contribution to Funds		
	Welfare Expenses		
(iv)	Depreciation		
(v)	Travelling Expenses		
(vi)	Vehicle Maintenance		
(vii)	Telephone Expenses		
(viii)	Advertisement		
(ix)	Computer Maintenance Expenses		
(x)	Stamps & Courier Charges		
(xi)	Other Management & Administrative Expenses		
(xii)	Expenses due to Penalty, Fines etc.		
(xiii)	Others (specify)		
	Overall Sale of Energy		
Note:	<p>1. In WBSEDCL distribution of energy and sale of energy are maintained from same office for which expenditure related to sale of energy are included in the expenditure of distribution of energy. The outsourcing cost related to sale of energy are also included in the outsourcing cost of distribution of energy.</p>		

Sudipta Chaudhury
 Chief Engineer (Regulation)
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 WBSEDCL

Form 1.17 : Other expenses centrally maintained

Rs. Lakhs

Ref.	Particulars	2018-19		
		Gen.	Actual Dist.	Total
(a)	Employee costs & Directors' fees & expenses			
(i)	Salaries & Wages	360	8,307	8,667
(ii)	Bonus	24	728	752
(iii)	Contribution to Funds	257	33,223	33,480
(iv)	Welfare Expenses	120	1,419	1,539
(v)	Performance Incentive	-	1,327	1,327
(vi)	Less: Capitalisation	660	14,575	15,234
	Total	101	30,429	30,530
(b)	Operation And Maintenance			
(i)	Repairs & Maintenance (excluding salaries etc. & stores)		4,041	4,041
(ii)	Impact of Service Tax on Repairs & Maintenance		-	-
(iii)	Travelling Expenses (including Vehicle Running & Maintenance)		486	486
(iv)	Telephone, Telex, etc.		213	213
(v)	Rent		50	50
(vi)	Legal Charges		217	217
(vii)	Consultancy Fees, charges and expenses		521	521
(viii)	Auditors' Fees		121	121
(ix)	Postage		14	14
(x)	General Establishment Charges		2,570	2,570
(xi)	Cost of outsourcing Manpower related		525	525
(xii)	Cost of outsourcing excluding manpower	-	-	-
(xiii)	Total Operation And Maintenance	-	8,758	8,758
(d)	Rates & Taxes (Other than taxes on income & profits)	80	1,745	1,825
(e)	Lease Rental	27	1,876	1,903
(f)	Insurance Premium Payable [Form 1.17 f]	872	64	936
(g)	Interest			
(i)	Interest on Capital Expenditure, Loans & Public Deposits	515	37,689	38,204
(ii)	Interest on Temporary Accommodation [Form 1.17 a]	-	-	-
(iii)	Interest on Working Capital [Form 1.17 b]	-	14,501	14,501
(iv)	Interest on Security Deposits at rates specified by the Commission calculated on average basis	-	17,839	17,839
(v)	Interest on advance from consumers	-	-	-
(vi)	Other Finance Charges [Form 1.17 c]	59	3,876	3,935
(vii)	Delayed Payment Surcharge	-	-	-
(viii)	Interest for creation of pension fund	456	9,564	10,020
(ix)	Fringe benefit Tax	-	-	-
(h)	Foreign Exchange Rate Variation on Loan repayments [Form 1.17 d]	-	-	-
(i)	Depreciation	8,213	35,468	43,681
(j)	Advance against Depreciation [Form 1.17 e]	-	-	-
(k)	Bad Debts (see regulation 5.10.1)	-	9	9
(l)	Other Expenses	-	-	-
(m)	Intangible Assets written off	-	-	-
(n)	Taxes on Income/ Profit	-	-	-
(o)	Others to be specified, if any	-	-	-
(i)	Loss of materials by pilferage	-	-	-
(ii)	Loss of obsolete store materials	-	-	-
(iii)	Compensation to staff on injury/death/damages	-	-	-
(iv)	Compensation to outsiders on injury/death/damages	-	-	-
(v)	Compensation to Power traders	-	-	-
(vi)	Loss on demolition, retirement of Fixed Asset	-	-	-
	Total Others	10,323	161,818	172,141
	Overall (1.17)			

Note:

*** For O & M expenses shown under Generation head, For O & M expenses for Rammam, Jaldhaka, PPSP and Small Hydro power plants, claim made at normative level as allowed in ARR.

Sudipta Mukherjee
Chief Engineer (Regulation)
Regulation Department
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Form 1.17 : Other expenses centrally maintained

Ref.	Particulars	2018-19		
		Generation	Actual	
			Distribution	Total
(a)	Employee Costs & Directors' Fees & Expenses			
(i)	Salaries & Wages	360	8,307	8,667
(ii)	Bonus	24	728	752
(iii)	Contribution to Funds	257	33,223	33,480
(iv)	Welfare Expenses	120	1,419	1,539
(v)	Performance Incentive	-	1,327	1,327
(vi)	Director's Sitting Fees (see Note 1)	-	3	3
(v)	Director's Sitting Fees (see Note 1)	660	14,575	15,234
	Less: Capitalisation	101	30,433	30,534
(b)	Operation And Maintenance			
(i)	Repairs & Maintenance (excluding salaries etc. & stores)	208	4,041	4,249
(ii)	Impact of Service Tax on Repairs & Maintenance	-	-	-
(iii)	Travelling Expenses (including Vehicle Running & Maintenance)	49	486	535
(iv)	Telephone, Telex, etc.	33	213	246
(v)	Rent	2	50	52
(vi)	Legal Charges	-	217	217
(vii)	Consultancy Fees, charges and expenses	13	521	534
(viii)	Auditors' Fees	-	121	121
(ix)	Postage	1	14	15
(x)	General Establishment Charges (see Note 1)	123	2,570	2,693
(xi)	Cost of outsourcing Manpower related	23	525	548
(xiii)	Cost of outsourcing excluding manpower	-	-	-
(c)	Total Operation And Maintenance	452	8,758	9,210
(d)	Rates & Taxes (Other than taxes on income & profits)	80	1,745	1,825
(e)	Lease Rental	27	1,876	1,903
(f)	Insurance Premium Payable [Form 1.17 f]	872	64	936
(g)	Interest			
(i)	Interest on Capital Expenditure, Loans & Public Deposits	515.00	37,689.00	38,204.00
(ii)	Interest on Temporary Accommodation [Form 1.17 a]	-	-	-
(iii)	Interest on Working Capital [Form 1.17 b]	-	14,501.21	14,501.21
(iv)	Interest on Security Deposits at rates specified by the Commission calculated on average basis	-	17,839.00	17,839.00
(v)	Interest on advance from consumers	-	-	-
(vi)	Other Finance Charges [Form 1.17 c]	59.03	3,875.98	3,935.00
(vii)	Delayed Payment Surcharge	-	-	-
(viii)	Interest for creation of pension fund	456.21	9,563.79	10,020.00
(ix)	Fringe benefit Tax	-	-	-
(h)	Foreign Exchange Rate Variation on Loan repayments [Form 1.17 d]	-	-	-
(i)	Depreciation	8,213.00	35,468.00	43,681.00
(j)	Advance against Depreciation [Form 1.17 e]	-	-	-
(k)	Bad Debts (see regulation 5.10.1)	-	9.00	9.00
(l)	Other Expenses	-	-	-
(m)	Intangible Assets written off	-	-	-
(n)	Taxes on Income/ Profit	-	-	-
(o)	Others to be specified, if any	-	-	-
(i)	Loss of materials by pilferage	-	-	-
(ii)	Loss of obsolete store materials	-	-	-
(iii)	Compensation to staff on injury/death/damages	-	-	-
(iv)	Compensation to outsiders on injury/death/damages	-	-	-
(v)	Compensation to Power traders	-	-	-
(vi)	Loss on demolition, retirement of Fixed Asset	-	-	-
	Total Others	10,775	161,821	172,597
(m)	Overall (1.17)			
1	Director's sitting Fees included in the employee cost (refer 1.17h)			

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 Regulation Department
 WBSEDCL

1.17 a Interest on Temporary Accommodation

Particulars	Rs. In Lakhs
	2018-19 Actual
Opening Balance	
Repayment for the year	
Closing Balance	-
Interest on Temporary Accommodation	-
Total	-

1.17 b Interest on Working Capital

Particulars	Rs. In Lakhs
	2018-19 Actual
Working Capital:	
A. Total Variable cost as per FPPCA application and Fixed cost as per APR application	2,120,188
B1. Less: Depreciation	43,681
B2. Less: Deferred Revenue Expenditure	
B3. Less: Return on Equity	47,229
B. Total deductions: (sum B1:B3)	90,910
C. Allowable Gross Sales for Working Capital	2,029,278
D. Allowable Working Capital @10% on C	202,928
Security deposit from consumer as on 31.03.2019	325,995
Security deposit from consumer utilized as working capital as per directive	38,887
Balance requirement of working capital	164041
E. Interest at State Bank Short Term PLR rate or at actual rate of borrowing, whichever is less	8.84%
F1. Interest admissible on Working Capital	14,501
F2. Interest incurred on short term loan taken as Working Capital as per Annual Accounts	

NOTE 1 Variable cost includes cost relating to own consumer & licensee as per FPPCA application 2018-19 alongwith power purchase cost related to sale to other than consumer & licensee.

NOTE 2 Fixed cost does not include interest on working capital

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1.17 c Other Finance Charges

Particulars	Rs. In Lakhs
	2018-19 Actual
Guarantee Commission	
Front-End Fees	
Bank Charges	1,494
Public Deposit and Advance against Electricity Bill	
L/C Opening charges	
Fees and Expenses for Restructuring	
Cost of Hedging	
Transaction Cost on capital bonds	17
Interest expense on liability for Purchase of Power	1,143
Notional interest on govt. loan	1,549
Interest expense on liability for Capital supplies/ works	3,465
Less: Interest accrued on non-current Power Purchase liability	(440)
Less: Notional interest on govt. loan	(1,549)
Less: Interest accrued on non-current Capital Liability	(1,744)
Others:	
i)Penal interest on Capital Liabilities	
ii) Interest On GPF	
iii) Interest on arrear pay	
iv) Banking Cash Transaction Tax	
Sub Total	
Overall	3,935

1.17 d Foreign Exchange Rate Variation (FERV) - Yearwise

Particulars	Rs. In Lakhs
	2018-19 Actual
Loan 1	0
Loan 2 and so on	0
Overall	0

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 Regulation Department
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Advance against Depreciation

1.17 e

Particulars	Rs. In Lakhs
	2018-19 Actual
1. Repayment as per Form C	35,733
2. Depreciation as per Form B	43,681
3. Additional Fund requirement (1-2, if 1>2)	
4. Maximum ceiling of Advance depreciation	7,141
5. Advance against depreciation (lower of 3 & 4)	-

1.17 f

Insurance Premium Payable

Particulars	Rs. In Lakhs
	2018-19 Actual
Insurance	936
Overall	936

1.17 g

Interest Credit

Particulars	Rs. In Lakhs
	2018-19 Actual
1. Depreciation as per Form B	43,681
2. Repayment as per Form C	35,733
3. Excess Fund created (1-2, if 1>2)	7,948
4. Weighted average rate of interest of existing loan	9.66%
5. Interest credit	768
Overall	768

Note: Interest Credit will be allowed during the the period of Loan repayment only

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1.17 h Break-up of Employee Cost

Category	Sl. No.	Particulars	Small Hydro		PPSP	Jaldhaka Stage - I	Ramam	Solar	Distribution		Total		
			Prior period payment made 2018-19	2018-19					Prior period payment made 2018-19	2018-19	Prior period payment made 2018-19	Prior period refund in 2018-19	Payment for 2018-19
A	1	Salary and Wages	0	471	394	132	191	0	0	25363	0	0	26551
	a	Basic Pay & Overtime	0	608	527	154	237	0	0	33715	0	0	35241
	b	Dearness Allowances	0	128	132	54	128	0	0	6875	0	0	7317
	c	Other Allowances	0	(267)	(233)	(79)	(126)	0	0	(14575)	0	0	(15280)
	d	Less capitalisation	0	940	819	262	430	0	0	51378	0	0	53829
	Total		0	940	819	262	430	0	0	51378	0	0	53829
	2	Statutory Retirement Benefit	0	0	0	0	0	0	0	3527	0	0	3527
	a	Gratuity	0	109	91	31	44	0	0	5892	0	0	6166
	b	Company's contribution to PF	0	39	38	17	23	0	0	26631	0	0	26747
	c	Company's contribution to Pension Scheme	0	147	129	47	67	0	0	36050	0	0	36440
	Total		0	147	129	47	67	0	0	36050	0	0	36440
	3	Statutory Bonus and Ex-Gratia	0	21	17	7	12	0	0	1694	0	0	1752
	4	LTC	0	12	2	1	0	0	0	331	0	0	346
	5	Leave Encashment	0	13	45	20	27	0	0	3947	0	0	4052
	6	Workmen and staff welfare expenditure	0	92	54	33	48	0	0	80	0	0	306
	7	Others, if any (see Note 1)	0	0	0	0	0	0	0	10	0	0	10
	8	Director's Sitting Fee (see Note 2)	0	0	0	0	0	0	0	3	0	0	3
	9	Reimbursement of Medical Expenses	0	27	23	4	7	0	0	1412	0	0	1472
	10	Leave Encashment (15 days)	0	32	25	8	9	0	0	1577	0	0	1651
	11	Payment under Workmen Compensation Act	0	0	0	0	0	0	0	23	0	0	23
	12	Uniform and Livery Expenses	0	0	0	0	2	0	0	0	0	0	2
	13	Premium for GRP Scheme	0	2	1	0	1	0	0	366	0	0	370
	Total		0	198	169	73	107	0	0	9441	0	0	9987
B		Contribution for shortfall in interest of PF fund, if	0	0	0	0	0	0	0	0	0	0	0
C		Production / Performance incentive to employees	0	0	0	0	0	0	0	1327	0	0	1327
	Total		0	0	0	0	0	0	0	1327	0	0	1327
D		Ex L/P Employee Expenditure (6502002)								-22			-22
		EMP CST-PREVIOUS YRS (8305001)								3			3
	Total		0	0	0	0	0	0	3	-22	0	0	-19
E		Number of Personnel on regular establishment											
TOTAL			0	1285	1117	381	603	0	3	98174	0	0	101564

Note :

- Others in sl no 7 above is expenditure on account of compensation to staff on account of injury/ death / damages and Directors sitting fees.
- Refer Note 38C Of Annual Accounts 2018-19

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 WBSEDCL

Form: 1.17 i

Details of Arrear against wage revision

Category	Sl. No.	Particulars	Arrear Annual expenditure for the year concerned
A		Expenditure in Rupees in Lakh	
	1	Salary and Wages	No arrear for FY 2018-19
	a	Basic Pay	
	b	Dearness Allowances	
	c	Other Allowances	
	2	Statutory Retirement Benefit	
	a	Gratuity	
	b	Company's contribution to PF	
	c	Company's contribution to Pension Scheme	
	3	Statutory Bonus and Ex-Gratia	
	4	LTC	
	5	Leave Encashment	
	6	Workmen and staff welfare expenditure	
	7	Others, if any	
B		Contribution for shortfall in interest of PF fund, if any	
C		Production / Performance incentive to employees	
D		Number of Personnel	

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 WBSEDCL

Form: 1.17 j

Statement of penalty/ fine/ cess etc.

Name of Statute	Type of Payment	Amount	Reasons	Remedial measures
Environmental (Prevention) Act, 1986				
Income Tax Act, 1961				
Electricity Act, 2003				
Others				

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 Chief Engineer (Regulation)
 Regulation Department
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Form 1.17 (k): Cost of Outsourcing

Rs in lakhs

Heads			Scope of work and service to be provided *
a) Administrative & General Expenses	2018-19		
	Excluding Manpower	Manpower related	
Call Center (ZCC/CRC) as per SOP regulation	-	2,539	Cost of operation of Consumer call centre.
Security Expenses	-	3,621	Cost of Security service
Data Warehousing	-	-	Cost of maintaining data repository for call center and other consumer service
b) Repair & Maintenance Expenses -			
Line Maintenance	-	15,596	Cost of maintenance of overhead / underground network.
Substation Maintenance	-	2,101	Cost of operation and maintenance of 33/11 KV substations
Mobile Maintenance Service	-	16,135	Cost of breakdown maintenance service.(MCSU as per SOP regulation)
c) Operational Services			
Collection Franchisee	-	2,298	Service charge for collection made through automated collection kiosks and Tathya Mitra Kendra
Franchisee	-	684	Service Charge for NTESS, a distribution franchisee of WBSEDCL
Meter Reading & Bill Distribution	-	13,184	Cost of meter reading and bill delivery logistic service
d) Management Services			
Back office job	-	235	Cost of Back Office Job.
e) Others			
Total	-	56,393	

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 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL


Form 1.18 : Original Cost of Fixed Assets

Ref.	Particulars	Rs. In Lakhs
		2018-19 Actual
(1)	Generation Assets	
	TCF	14,107
	Rammam HEP	17,635
	Jaldhaka HEP	14,072
	Other Mini Micro Hydel	3,099
	Purulia Pump Storage	229,451
	Rammam Intermediate Stage HEP	
	Lodhama-II	
	Turga Pumped Storage Project	16,260
	Solar	294,624
	Total	1,701,902
(2)	Distribution Assets	124,289
(3)	Metering Assets	95,325
(4)	Other Assets	-
(5)	Transmission Assets	
(6)	Less : Contribution from consumers including advance from them and including grants and subsidies	1,599,955
(7)	Total (1+2+3+4+5-6)	616,185

Notes

- Generation assets will include assets up to Station Bus bar. Transmission assets will be from Station Bus bar to
- (1) EHT/HT sub-station. Distribution assets will be assets up to metering point of sales excluding cost of meters. Approval of capital expenditure is to be obtained from the Commission for the ensuing year (whether included in fixed assets or capital work-in-progress) where such capital expenditure on assets individually or in aggregate exceeds the limits specified in Regulation 2.2.4.
 - (2) The original value of the assets, if any, retired or not available for use is not to be included. Figures for ensuing year, current year and previous year of the assets so retired/ likely to be retired/ not available for use are to be submitted.
 - (3) Period during which the units of the operational power stations were scheduled to be under planned repairs and maintenance or were under major repairs other than the above, as contained in Form-A may be submitted.
 - (4) In case the cost of any assets has been revalued, or purchased on revalued cost basis, the details thereof, along with the year of revaluation are to be submitted.
 - (5) Foreign exchange variation charged/adjusted, if any, is to be separately indicated.
 - (6) Figures for capital expenditure for projects under construction are to be separately indicated.
 - (7) Original cost of the asset at the beginning of the year and addition/retirements during the year are to be separately shown for the previous year, current year and the ensuing year.
 - (8) Overall amount of expenditure is to be limited to the amount approved by the Commission.
 - (9) Any expenditure on replacement arising out of renovation and modernisation or extension of like of old fixed assets is to be dealt as specified in the regulation 4.2.4.
 - (10) Financial statements upto 31.03.2016 were prepared as per Indian GAAP. As the Company has migrated to Ind-AS with transition date being 01.04.2015, in compliance with Ind-AS 101- First time adoption of Indian Accounting standards, carrying value of property, plant and equipments as recognised in the financial statements has been used as deemed cost on the date of transition, resulting in reduction of Gross carrying amount of property, plant and equipments as compared to original cost of Fixed Assets in FY 2017-18
 - (11)

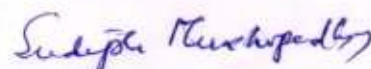
Sudipta Chatterjee

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Form 1.18 a : Original Cost of Works in Progress

Rs. In Lakhs

Ref.	Particulars	2018-19
		Actual
(1)	Opening Balance	
	Plan	95,960
	Outside plan	21,076
	Total	117,036
(2)	Additional Capital Expenditure for the year	
	Plan	51,402
	Outside plan	221,015
	Total	272,417
(3)	Amount transferred to Fixed Assets	
	Plan	32,679
	Outside plan	140,512
	Total	173,191
(4)	Closing Balance	
	Plan	114,683
	Outside plan	101,579
	Total	216,262



Chief Engineer (Regulation)
Regulation Department
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Form 1.18 b : Intangible Assets

Ref.	Particulars	Rs. In Lakhs
		2018-19
		Actual
1.	Cumulative Opening Balance (Gross)	6143
2.	Cumulative Amount written off at the beginning of the year	-
3.	Cumulative Opening Balance (Gross) after write off in the beginning of the year	6143
4.	Cost incurred during the year	692
5.	Gross Intangible Asset at the end of the year (3+4)	6835
6.	Cumulative Amount written off at the beginning of the year	0
7.	Amount written off during the year	0
8.	Cumulative amount written off at the end of the year (5+6)	0
9.	Cumulative Closing Balance (Gross) (3-6)	6835

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 Regulation Department
 WBSEDCL

Form 1.18 c(I) : Investments

		Rs. In Lakhs
Ref.	Particulars	2018-19
1	In Govt. Secuirity	121
2	Share in Public Ltd Company	575
3	Fixed Deposit with Bank	75992
4	Others	
	Total	76688

Form 1.18 c(II) : Income from Investments

		Rs. In Lakhs
Ref.	Particulars	2018-19
		Actual
1	In Govt. Secuirity	
2	Share in Public Ltd Company NTESC	0
3	Fixed Deposit with Bank	1555
4	Others	180
	Total	1735

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 WBSEDCL

Form 1.19(a) : Capital Expenditure for the year

Rs. In Lakhs

Ref.	Particulars	2018-19
		Actual
A	General Capital Expenditure	
(1)	Generation Capital Expenditure Station wise	
	PPSP	
	Plan	-
	Outside Plan	672
	Sub Total	672
	Jaldhaka	
	Plan	-
	Outside Plan	551
	Sub Total	551
	Rammam	
	Plan	-
	Outside Plan	1,384
	Sub Total	1,384
	TCF	
	Plan	-
	Outside Plan	207
	Sub Total	207
	Other Hydel	
	Plan	-
	Outside Plan	95
	Sub Total	95
	Rammam Intermediate Stage HEP	
	Plan	-
	Outside Plan	-
	Sub Total	-
	Turga Pumped Storage Project	
	Plan	-
	Outside Plan	6,351
	Sub Total	6,351
	Solar	
	Plan	-
	Outside Plan	10,218
	Sub Total	10,218
	Overall Generation Capital Expenditure	
	Plan	-
	Outside Plan	19,478
	Total	19,478
(2)	Distribution Capital Expenditure(including RE)	
	Plan	81,706
	Outside Plan	324,202
	Total	405,908
	Overall Capital Expenditure	
	Plan	81,706
	Outside Plan	343,680
	Total	425,386
B	Special Projects as per Note 2 of Form 1.18	
	Generation	-
	Distribution	-
	Overall Special Projects	-
	Asset transferred from REDC& others	-
	Capital Expenditure (A+B)	425,386

Form 1.19(b): Overall Capital Expenditure Programme

Rs. In Lakhs

RS. IN LAKHS				
Ref.	Particulars	Original Project Cost (as latest approved)	Cumulative Expenditure	2018-19
			Actuals	Actual
A	Capital Expenditure Plan for the existing on going Projects			
	Stationwise			
	Projectwise			

Notes:

1. To be specified separately for the previous year(s), base year and the ensuing year(s)
2. Plan and Non-Plan expenditure are to be shown separately
3. Expenditure should include Interest during construction but to be indicated separately
4. For the Base year and ensuing year(s) which has already passed related to a control period, the actual expenditure is to be provided.

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 WBSEDCL



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
		Target date of completion	Original Project Cost	Target date of completion	Original Project Cost			Actuals	As approved by the Commission			
	Projectwise											
(a)	Generation Capital Expenditure											
(b)	Transmission Capital Expenditure											
(c)	Distribution Capital Expenditure											
	Overall Capital Expenditure (A+B+C)											

Notes:

1. Plan and Non-Plan expenditure are to be shown separately
2. Expenditure should include Interest during construction but to be indicated separately
3. The reasons for time over run and consequential cost over run are to be specifically mentioned. In the event of actual expenditure is more than the approved expenditure then separate approval is to be obtained from the commission as per these
4. For the Base year and ensuing year(s) which has already passed related to a control period, the actual expenditure is to be provided.

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 WBSEDCL



Form 1.20(a) : Equity Base

Ref.	Particulars	Basis	2018-19		
			Generation	Distribution	Total
			Actuals	Actuals	Actual
1	Actual equity base at the beginning of the year		4,393	216,977	221,370
2	Admissible equity base at the beginning of the year		4,393	216,977	221,370
3	Actual addition/deletion to equity base during the year		5,807	4,446	10,253
4	Actual equity base at the end of the year	(1+3)	10,200	221,423	231,623
5	Net Addition to the original cost of fixed assets during the		8,722	164,469	173,191
6	Less: Asset created in terms of regulation 5.15.1(iv), if any		-	-	-
7	Net addition to the original cost of fixed assets during the		8,722	164,469	173,191
8	Normative Equity %		30%	30%	30%
9	Normative addition to equity base	(8x7)	2,617	49,341	51,957
10	Addition to equity base considered for the year	lower of 3 and 9	2,617	4,446	7,063
11	Add: Asset created in terms of regulation 5.15.1(iv)		-	-	-
12	Addition in equity base during the year for the purpose of	(10+11)	2,617	4,446	7,063
13	Admissible equity base at the closing of the year	(2+12)	7,010	221,423	228,433
14	Average admissible equity base for allowing returns	(2+13)/2	5,701	219,200	224,901
Note					

During FY 2018-19, the Govt. of West Bengal contributed equity amounting Rs. 5,364 lakh for capital investment for Turga project, out of that Share allotment pending as on 31.03.2019 is Rs. 3745 lakh (refer Note 15.4 of Audited Annual Accounts for

Form 1.20 (b) Equity considered as normative Debt

a	Opening Balance		-	-	-
b	Addition for the year		-	-	-
c	Normative loan considered for the year	c=a+b	-	-	-
d	Average normative loan for the year	d=(a+c)/2	-	-	-

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Form 1.21: Special Allocations

Rs. In Lakhs			
Ref.	Particulars	2018-19	
1	Special allocations	-	

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Form 1.22 : Return on Equity**Rs. In Lakhs**

Ref.	Particulars	Basis	2018-19		
			Generation	Distribution	Total
			Actual	Actual	Actual
(1)	Average Equity Base	Form 1.20 (a)	5,701	219,200	224,901
(2)	Rate of Return	For Generation function: $15.5\% \div (1 - 21.5488\%)$	19.76%	21.03%	
(3)	Return on equity		1,126	46,103	47,229

NB: 21.5488% is effective tax rate of WBSEDCL for 2018-19

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Form : 1.23

Permitted Incentive

Ref.	Particulars	Basis	One
			Actuals
			2018-19
(1)	Incentive for Generation		
a	Sent Out Units		
b	Target PLF		
c	Units to be sent out at target PLF		
d	Additional Units, if >0	$d = a - c$ in MU	
e	Incentive Rate for additional generation	Paise/ kWh	
f	Incentive for additional generation	$f = d \times e$	
(2)	Incentive for Hydropower generating stations.		
(i)	Capacity Index achieved		
(ii)	Normative Capacity Index		
(iii)	Excess capacity index achieved over target, if >0		
(iv)	Annual fixed charges		
(v)	Incentive for additional capacity index achieved		
(3)	Incentive for Transmission		
(i)	Annual Availability		
(ii)	Target Availability		
(iii)	Excess availability over target, if >0	$(iii) = (i - ii)$	
(iv)	Equity	Form 1.20 a	
(v)	Incentive for additional availability	$(v) = (iv) \times (iii)$	



Form 1.24 : Benefits passed on to consumers

Ref.	Particulars	Rs. In Lakhs
		2018-19 Actual
(1)	Share of benefit from sale to others	50%
	a) Sale of power to person other than consumer and licensee (MU) including transmission loss	1857.60
	b) Notional sale of power against Swap Out (MU)	176.14
(2)	Total Sale (MU) : $A=a+b$	2033.74
	c) Sale of power to person other than consumer and licensee (Rs. lakhs) (*)	93,561
	d) Notional sale of power against Swap Out (Rs. lakhs)	6,842
(3)	Total Sale (Rs. Lakhs) : $B=c+d$	100,403
(4)	e) Average purchase price (Paise/ unit) for (1)a	280.28
	f) Average purchase price (Paise/ unit) for (1)b	402.99
	g) Cost of power of sale in 1 (a) above (Rs Lakhs)	52,065
	h) Cost of power of sale in 1 (b) above (Rs Lakhs)	7,098
	i) Other charges for such sale (Rs Lakhs) *	3,624
(5)	Total cost of sale (Rs in lakhs) (f+g+h)	62,787
(6)	Amount of gain (+) / loss (-) derived from such sale (Rs in Lakhs) (3-5)	37,615
(7)	Benefits passed on to the consumer (Rs. Lakhs) (1x6)	18,808

Notes : (*) Please refer Note 31 of Annual Reports and Accounts 2018-19: Revenue from Sale of Power

Sudipta Kishore Das
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WBSEDCL



Form 1.25 : Receipts from Sale of Energy

Ref.	Particulars	Rs. In Lakhs		Basis
		2018-19	Actual	
	Receipts from Sale of Energy	1,958,460		Ref: Note 31 of Annual Accounts of WBSEDCL for 2018-19

Sudip Kumar Choudhury
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 Regulation Department
 WBSEDCL

Form 1.26 : Income other than sale of Energy

Ref.	Particulars	2018-19	Remarks
		Actual	
A.	Other Income derived from		
(i)	Rental of meters and other apparatus hired out	25,445	Note 32 of Annual Accounts
(ii)	Sale and repair of lamp and other apparatus	-	
(iii)	Dis-connection & Re-connection Charges	2,974	Note 32 of Annual Accounts
(iv)	Income from Investments and Bank Balances	1,735	Note 33 of Annual Accounts
(v)	Surcharge for Late Payments	20,555	Note 32 of Annual Accounts
(vi)	Income from jobs at consumer's premises	87	Note 32 of Annual Accounts
(vii)	Transmission/Wheeling charges	253	Note 32 of Annual Accounts
(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	6,447	Note 33 of Annual Accounts
(xiii)	Other comprehensive income - Remeasurement of post-employment benefit obligations	-	
(xiv)	Interest received on account of tariff revision	-	
	Sub-Total (i to xiv)	57,496	
B.	Net receivable UI Charges for the previous year	(19,864)	As per Note 32 & 34 of Annual Accounts 2018-19

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Form 1.27 : Wheeling Charge

Ref.	Particulars	Unit	Rs. In Lakhs
			2018-19 Actual
	Wheeling Charge		
1	Employee Cost		981.77
2	Cost of Outsourcing		563.93
3	Operation and maintenance		392.75
4	Complaint Management		307
5	Rates & Taxes		161.54
6	insurance		64
6	Interest		376.89
7	Interest for creation of Pension Fund		95.64
8	Foreign Exchange Rate Variation		0
9	Other Financing Charges		38.76
10	Interest on Security Deposits		178.39
11	Interest on Working Capital		0
12	Lease Rental		18.78
13	Depreciation		354.68
14	Advance against depreciation		0
15	Intangible Asset Write Off		0
16	Reserve for unforeseen exigencies		0
17	Bad Debt		129
18	Fringe Benefit Tax		0
19	Normative Return		461.03
20	Permitted Incentives		0
21	Special Allocations		0
22	Taxes on Income/ Profit		0
23	Intangible asset		0
24	Others		14.96
(i)	Gross total expenses (sum 1:24)		3644.14
25	Less: Other income (reduced by Receipt from Wheeling Charges)		572.43
26	Less: Interest credit on Depreciation		7.68
27	Less: Net receivable UI Charges for the previous year		0
28	Less: Others, if any, to be specified		0
(ii)	Gross Deductions (sum 25:28)		580.11
A.	Net Charges (i-ii)		3064.03
a.	Units sold to own consumers and licensee	MU	27830.05
b.	Units wheeled	MU	51.20
B.	Overall Units (a+b)	MU	27881.25
C.	Wheeling charge rate (A/B)	P/kWh	109.90

Note: Only the Other income associated with distribution has been considered

Sudip K. Choudhury
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 Regulation Department
 WBSEDCL

Form: 1.28: Statement showing status of FPPCA claim

Sl No.	FPPCA claim application submitted but order is yet to be issued by the Commission		FPPCA claim application is yet to be applied		
	Related Year	Date of submission	Related Year	Expected Date of submission	Reasons of delay against regulation 2.8.7.2
1	2015-16	12-Sep-16	No FPPCA claim application is due		
2	2016-17	17-Oct-17			
3	2017-18	12-Nov-18			
4	2018-19	26-Oct-21			

Sudip Chatterjee
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 WBSEDCL

Form-A

Planned repairs and maintenance / forced outage / major repairs for generation plants (Station-wise vis-à-vis yearwise)

Planned repairs and maintenance

Unit No.	Outage	Nature (Planned / Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
I. Jaldakha Hydel Project, Stage - I (Capacity 4 X 9 MW)								
Unit - 1	2018-19	Planned	2203:39	Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.				
		Forced	0					
Unit - 2	2018-19	Planned	2168:23					
		Forced	158:29					
Unit - 3	2018-19	Planned	783:18					
		Forced	321:40					
Unit - 4	2018-19	Planned	791:46					
		Forced	476:36					
II. Jaldakha Hydel Project, Stage - II (Capacity 2 X 4 MW)								
Unit - 1	2018-19	Planned	755:48	Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.				
		Forced	28:50					
Unit - 2	2018-19	Planned	68:25					
		Forced	5964:48					
III. Rammam Hydel Project (Capacity 4 X 12.75 MW)								
Unit - 1	2018-19	Planned	168	Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.				
		Forced	0					
Unit - 2	2018-19	Planned	168					
		Forced	1:18					
Unit - 3	2018-19	Planned	589:40					
		Forced	20:40					
Unit - 4	2018-19	Planned	746:27					
		Forced	00:56					

13/05/2019 10:00 AM


 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form-A

Planned repairs and maintenance / forced outage / major repairs for generation plants (Station-wise vis-à-vis yearwise)

Planned Repairs and

Unit No.	Outage	Nature (Planned / Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
IV. Teesta Canal Fall Hydro Electric Project, PS-I (Capacity 3 X 7.5 MW)								
Unit - 1	2018-19	Planned	00:00	Mahananda main canal was shutdown for the period 19.11.2018 to 06.07.2019.				
		Forced	00:00					
Unit - 2	2018-19	Planned	00:00					
		Forced	00:00					
Unit - 3	2018-19	Planned	00:00					
		Forced	00:00					
V. Teesta Canal Fall Hydro Electric Project, PS-II (Capacity 3 X 7.5 MW)								
Unit - 1	2018-19	Planned	00:00	1. Mahananda main canal was shutdown for the period 19.11.2018 to 06.07.2019. 2. Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.				
		Forced	8760					
Unit - 2	2018-19	Planned	00:00					
		Forced	00:00					
Unit - 3	2018-19	Planned	00:00					
		Forced	00:00					
VI. Teesta Canal Fall Hydro Electric Project, PS-III (Capacity 3 X 7.5 MW)								
Unit - 1	2018-19	Planned	00:00	1. Mahananda main canal was shutdown for the period 19.11.2018 to 06.07.2019. 2. Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.				
		Forced	00:00					
Unit - 2	2018-19	Planned	00:00					
		Forced	00:00					
Unit - 3	2018-19	Planned	00:00					
		Forced	8760					
VII. Rinchington Hydro Electric Project, (Capacity 2 X 1 MW)								
Unit - 1	2018-19	Planned	00:00	Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.				
		Forced	4:15					
Unit - 2	2018-19	Planned	00:00					
		Forced	12:40					

SUDIP

16/07/2019

16/07/2019

Sudip Choudhury
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form-A

Planned repairs and maintenance / forced outage / major repairs for generation plants (Station-wise vis-à-vis yearwise)

Planned Repairs and Maintenance

Unit No.	Outage	Nature (Planned / Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
VIII. Little Rangit Hydro Electric Project, (Capacity 2 X 1 MW)								
Unit - 1	2018-19	Planned	00:00					
		Forced	1214:44					
Unit - 2	2018-19	Planned	00:00					
		Forced	163:30					
IX. Fazi Hydro Electric Project, [Capacity (2 X 0.4) + (1 X 0.448) + (1 X 1.2) MW]								
Unit - 1	2018-19	Planned	00:00					Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.
		Forced	6846:45					
X. Sidrapong								
Unit - 1	2018-19	Planned	00:00					
		Forced	00:00					
Unit - 2	2018-19	Planned	00:00					
		Forced	00:00					
XI. Mangpo-Kalikhola (3 x 1 MW)								
Unit - 1	2018-19	Planned	00:00					
		Forced	268:30					
Unit - 2	2018-19	Planned	00:00					Annual maintenance of the units are carried out one by one during lean period i.e. November to march every year and this may be treated as planned maintenance.
		Forced	187:50					
Unit - 3	2018-19	Planned	00:00					
		Forced	3388:25					
XII. Messanjore (2 x2 MW)								
Unit - 1	2018-19	Planned	00:00					
		Forced	00:00					
Unit - 2	2018-19	Planned	00:00					
		Forced	00:00					

ANNAGAR COURT



Chief Engineer (Regulation)
Regulation Department
WBSEDCL

Form-A

Planned repairs and maintenance / forced outage / major repairs for generation plants (Station-wise vis-à-vis yearwise)

Unit No.	Outage	Nature (Planned / Forced)	Duration in Hrs.	Summary Details	Next period as per schedule of planned maintenance	Period of last major maintenance (scheduled)	Period of last major maintenance (actual)	Remarks
XII. Purulia Pump Storage Project (4x225 MW)								
Unit - 1	2018-19	Planned						
		Forced						
Unit - 2	2018-19	Planned						
		Forced						
Unit - 3	2018-19	Planned						
		Forced						
Unit - 4	2018-19	Planned						
		Forced						
XIII. Teesta Canal Bank Solar PV Project (10 MW)								
10 MW project	2018-19	Planned						
		Forced						
XIV. Mejia Solar PV Project (10 MW)								
10 MW project	2018-19	Planned						
		Forced						
XV. Chharah Solar PV Project (10 MW)								
10 MW project	2018-19	Planned						
		Forced						


 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

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

Year-2018-19

(Rs. Lakh)

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								Retirements of Original Cost of Assets during the year	Adjustment made to make the asset register as IND AS Compatible	Closing Balance of Original Cost of Assets
					1.80%	2.57%	3.60%	6.00%	18.00%	Other rates, if any	Land	Total			
A. Generating Assets															
Cost	285902	8722	14229	278760	86879	138422	41966	7981	45	5853	1635	282781	0		294624
Depreciation for the year					1542	3531	1441	476	6	1217	0	8213			8213
B. Transmission Assets															
Cost	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Depreciation for the year					0	0	0	0	0	0	0	0			
C. Distribution Assets															
Cost	1564773	139592	99441	1596717	61969	21847	1394083	41852	182	73115	8207	1601255	-2927	464	1701902
Depreciation for the year					1105	526	50062	2484	22	9267	105	63571	-1895	139	61815
D. Metering Assets															
Cost	110214	15556	36572	89198	0	0	0	0	0	99338	0	99338	-1481		124289
Depreciation for the year					0	0	0	0	0	16329	0	16329	-912		15417
E. Other Assets															
Cost	86696	8629	992	93590	5855	0	0	64633	0	23329	743	94560	0	0	95325
Depreciation for the year					100	0	0	3865	0	2592	0	6557			6557
E. Intangible Assets															
Cost	6143	692	400	6435	0	0	0	0	0	6435	0	6435	0	0	6835
Depreciation for the year					0	0	0	0	0	638	0	638		1	639
Overall (Cost)	2053728	173191	151634	2064700	154703	160269	1436049	114466	227	208070	10585	2084369	-4408	464	2222975
Overall (Depreciation for the year)					2747	4057	51503	6825	28	30043	105	95308	-2807	140	92641
Less: Adjustment in depreciation due to grant-funded assets					1241	1810	22273	3014	0	13112	0				41450
Less: Consumers' Contributions towards Capital Assets					225	328	4035	546	0	2376	0				7510
Claimed depreciation for the year					1282	1919	25195	3265	28	14555	105	95308	-2807	140	43681
Overall (Claim for the year)												43681			


 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

Form - C

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LTD
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2018-19
(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)	Secured Non-Convertible Redeemable Capital Bond	1000.00	1000.00	9.34% & 10.85%			Half Yearly	0.00	0.00	100.95	0.00	0.00	100.95	1000.00	For Different Capital Project	
	Total (A)	1000.00	1000.00					0.00	0.00	100.95	0.00	0.00	100.95	1000.00		
B)	PFC Ltd.	810.33	0.41	8.50%	2.00%	0.25%	Qtrly	0.41	0.00	0.01	0.00	0.00	0.01	0.00	For Capital Work	
	PFC - R-APDRP A & B	275.68	260.37	9.00%			Monthly	166.24	26.19	15.33	0.00	0.00	15.33	120.32	For R-APDRP Projects	
	Total (B)	1086.01	260.78					166.65	26.19	15.34	0.00	0.00	15.34	120.32		
C)	REC Ltd.	2467.16	1919.71	9.60% to 11.00%			Yrly/Qtrly	163.55	868.94	231.02	0.00	0.00	231.02	2625.10	For Capital Works	
	REC - Package	311.22	128.86	10.11%	2.00%		Monthly	27.13	0.00	23.94	0.00	0.00	23.94	101.73		
	REC - Taken over from WBREDCI.	103.23	103.23	8.50%				0.00	0.00	8.77	0.00	0.00	8.77	103.23		
	Total (C)	2881.61	2151.80					190.68	868.94	263.73	0.00	0.00	263.73	2830.06		
D)	Loan from State Govt.															
	Loan from State Govt.	114.57	114.57	1.30% & 8.50%				0.00	0.00	2.02	0.00	0.00	2.02	114.57		
	Total (D)	114.57	114.57					0.00	0.00	2.02	0.00	0.00	2.02	114.57		
	Total Bank & Financial Institution Loan in 2018-19 (A to D)	5082.19	3527.15					357.33	895.13	382.04	0.00	0.00	382.04	4064.95		
2)	Pension Bond	1530.00	1224.00	8.5%				51.00	0.00	100.20	0.00	0.00	100.20	1173.00		
3)	Normative Loan	0.00	0.00	9.66%				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Grand Total (1+2+3)	6612.19	4751.15					408.33	895.13	482.24	0.00	0.00	482.24	5237.95		
	Interest Capitalised												482.24			
	Interest charged to revenue															

repayment of PFCL (R APDRP A & B) Loan includes conversion of Part A Loan of rs. 162.03 Crore in grant.



Chief Engineer (Regulation)
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WBSEDCL

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Form E(A) : Sumarised Revenue Requirement- Part-A

Ref		MU	Remarks
		2018-19 Actual	
1	Generation including infirm power, if any][Form 1.3]	1685.137	
2	Auxiliary Consumption [Form 1.4(a)]	24.224	
3	Transformation Loss [Form 1.4(b)]	0.000	
4	Units delivered to system from generation (including infirm power, if any) [Form 1.5(a)]	1660.913	
(a)	At EHV	1599.218	
(b)	At 33 KV and below	61.695	
5	Quantum of infirm power included in 1	0.000	
5	Energy Purchased [Form 1.6(a)]	37548.147	
6	Energy Received for Wheeling [Form 1.9a]	51.198	
7	Overall Gross Energy Input to WBSETCL System	39260.258	
8	Unit sold to persons other than licensees or any consumers [Form 1.9b]	2033.739	
9	Units sold/ used for pumping energy of Pumped Storage Project at Bus bar [Form 1.4(b)]	1491.816	
10	Additional Units allowed by Commission for against pumping energy for pumped loss	52.507	
11	Total units sold/ used for pumping energy or pumped storage project (9+10)	1544.323	
12	Energy sold to other licensees [Form 1.9c]	113.521	
13	Additional Units allowed by Commission against Sales to other licensees	3.996	
14	Total units sold to other licensee (12+13)	117.517	
15	Net UI [Actual drawal]	-555.922	UI (IN) =768.570 MU UI (OUT) =212.647 MU
16	Total energy goed out of the system (8+10+11+14+15)	3139.656	
17	Net Energy in System (7-16)	36120.602	
18	Units sold to consumers + Sale to DPSCl from Distribution System	27716.518	
19	Units wheeled [Form 1.9d]	47.664	
20	Addisional unit allowed for wheeling	3.534	
21	Units utilised in own premises including construction power	57.75	
22	Overall Utilisation (18+19+20+21)	27825.466	
23	Unutilised Units (17-22)	8295.136	
24	T&D Loss %	22.97	

Form - E (B)

Form E(B): Summarised Revenue Requirement - Part-B

S. No	Particulars	Claimed for FY 2018-19						
		Generation			Distribution			Total Claimed
		Direct	Central	Total	Direct	Central	Total	
1.	Transmission Charge Paid to CTU							80,923
2.	Transmission Charge Paid to WBSEITCL							129,290
3.	POSO CO Charge							352
4.	ERPC Charge							167
5.	SLDC Charge							1,678
6.	VARH Charges							1,209
7.	a) Employee Cost (Salaries)	3,286	101	3,387	67,744	30,433	98,177	101,564
	Adjustment of OCI with Employee Cost	377			10,917			11,294
	Net Employee Cost after adjustment of OCI	2,909	101	3,010	56,827	30,433	87,260	90,270
	b) Employee Cost Others (specify)	-	-	-	-	-	-	-
8.	Cost of outsourcing manpower related to distribution	-	-	-	55,868	525	56,393	56,393
9.	Cost of outsourcing excluding manpower for distribution	-	-	-	-	-	-	-
10.	Expenses for Complaint Management mechanism	-	-	-	307	-	307	307
11.	Insurance	-	872	872	-	64	64	936
12.	Rates & Taxes	749	80	829	14,409	1,743	16,154	16,984
13.	Operation and maintenance Expenses			5,054	31,043	8,233	39,275	44,330
14.	a) Interest	-	515	515	-	37,689	37,689	38,204
	b) Interest on Bond For creation of Pension Fund	-	456	456	-	9,564	9,564	10,020
	c) Foreign Exchange Rate Variation	-	-	-	-	-	-	-
	d) Other Financing Charges	-	59	59	-	3,876	3,876	3,935
	e) Interest on Security Deposits	-	-	-	-	17,839	17,839	17,839
	f) Interest on Normative Loan	-	-	-	-	-	-	-
15.	Lease Rental	-	27	27	2	1,876	1,878	1,905
16.	a) Depreciation	-	8,213	8,213	-	35,468	35,468	43,681
	b) Advance against depreciation	-	-	-	-	-	-	-
17.	Principal Repayment of Bonds for Pension Fund							5,100
18.	Intangible Asset Write Off	-	-	-	-	-	-	-
19.	Water Cost	-	-	-	-	-	-	-
20.	Bad Debt	-	-	-	120	9	129	129
21.	Fringe Benefit Tax	-	-	-	-	-	-	-
22.	Minimum Alternative tax	-	-	-	-	-	-	-
23.	Reserve for unforeseen exigencies	-	-	-	-	-	-	-
24.	Demurrage	-	-	-	-	-	-	-
25.	Interest on working Capital	-	-	-	-	-	-	14,501
26.	Others, if not specified	1	-	1	1,496	-	1,496	1,497
27.	Net U/I Payable / Deviation Charge	-	-	-	-	19,864	19,864	19,864
28.	Total Expenditure (sum of 1-27)	12,376	10,424	17,369	238,735	197,617	425,435	459,152
29.	Normative Return (pre-tax on 30% equity)			1,126			46,103	47,229
30.	Permitted Incentives			-			-	-
31.	Permitted Return (29+30)	-	-	1,126	-	-	46,103	47,229
32.	Special Allocations [Form 1.21]							-
33.	Gross Fixed Cost (28+31+32)	12,376	10,424	18,495	238,735	197,617	471,538	459,152
34.	Review order of APR 2012-13 dated: 25.05.2021							1,876
35.	APR Order 2013-14 dated 14.07.2021							14,928
36.	APR Order 2014-15 dated 03.11.2021							1,287
37.	APR Application for 2015-16							43,096
38.	APR Application for 2016-17							26,700
39.	APR Application for 2017-18							(9,415)
40.	Total Carrying cost (sum of 34-39)	-	-	-	-	-	-	78,474
41.	a) Less : Other Income [Form 1.26]							57,496
	b) Less : Expenses attributable to sale to person other than						18,808	18,808
	c) Less : Interest credit on Depreciation							768
42.	Total Deductions from Gross Fixed Cost: (sum of 41a-41c)	-	-	-	-	-	18,808	77,072
43.	Net Fixed Cost (33+40-42)	12,376	10,424	18,495	238,735	197,617	452,730	428,147
44.	Total amount recoverable (=43)	12,376	10,424	18,495	238,735	197,617	452,730	428,147

FORM 6 : CASH FLOW STATEMENT		
CASH FLOW STATEMENT FOR THE YEAR ENDED 31 ST MARCH 2019		
Rs. In Lakh		2018-19
Sl.	Item	
1	Operating Income	
	(a) Sale of Energy	1958461
	(b) Transmission Charges	0
	(c) Income other than sale of Energy (to be specified)	0
	(d) Export	89936
	(e) Other operating revenue	49477
	(f) Other income	(40316)
	(g) Adjustment for interest and finance charge, excess provision written-off and interest income	(138486)
	Total (A)	1919072
2	Operating expenses (All revenue nature of expenses other than non-cash charges like Depreciation, DRE etc.)	
	(a) Cost of Electrical Energy Purchased	1823203
	(b) Operating expenses (excluding Depreciation, FERV, Bad Debts & Intangible Asset written off)	221189
	Total (B)	2044391
	(A) - (B)	(125320)
3	Increase / Decrease in current assets, current liabilities & provisions in revenue account	
	(a) Sundry Debtors	(158122)
	(b) Loans & Advances	10944
	(c) Current Liabilities	65239
	(d) Provisions	(11391)
	(e) Others - Inventories	(45706)
	(f) Other Current Asset	219325
	Total (C)	80289
4	Operating Cash Surplus (A) - (B) + (C)	(45031)
5	Utilisation of operating cash surplus (Sources to meet operating cash shortfall)	
	Addition in Capital Fund	
	(a) Additional own fund brought in	3952
	(b) Additional borrowings	(126075)
	(c) Additional Consumers' contribution and security deposits	88558
	(d) Use of operating surplus	0
	(e) Increase in liabilities for capital works	30149
	(f) Others	0
	Total (a to f)	(3416)
	Utilization of Capital Fund	
	(g) Increase in fixed capital expenses	276036
	(h) Loan repayment at actual	(309601)
	(i) Decrease in liabilities for capital works	30149
	(j) Additional investment	0
	(k) Any other item	0
	Total (g to k)	(3416)

ANNEXURE-7

West Bengal State Electricity Distribution Company Limited
(A Government of West Bengal Enterprise)
Vidyut Bhavan, Block-DJ, Sector-II, Bidhannagar, Pin-700091



Gist of Applications for Fuel and Power Purchase Cost Adjustment and Annual Performance Review for the year 2018-19

West Bengal State Electricity Distribution Company Limited (WBSEDCL) has submitted applications before the West Bengal Electricity Regulatory Commission (Commission) for Annual Performance Review (APR) for the year 2018-19 and the applications have been admitted by the Commission on

The APR application submitted by WBSEDCL on may be inspected at the office of the Commission at FD-415A, Pura Bhawan, 3rd Floor, Sector -III, Bidhannagar, Kolkata-700106 (Telephone: [033] 2359-2189; Fax [033] 2359-3397; e-mail: cp-wberc@gov.in) and certified copies of the applications or part thereof may be obtained from the office of the Commission following the procedure as laid down in West Bengal Electricity Regulatory Commission (Conduct of Business) Regulations, 2013 during office hours on all working days up to

The APR application submitted by WBSEDCL alongwith Annexure and appendices have been posted on the website of WBSEDCL at www.wbsecl.in.

The suggestions and objections, if any, on the proposals contained in the APR application shall be submitted separately at the office of the Commission mentioned above by

This gist has been published with the approval of the Commission.

Place: Salt Lake, Kolkata

S. Mukhopadhyay

Date:

Chief Engineer (Regulation)

Sudip Mukhopadhyay
Chief Engineer (Regulation)
Regulation Department
WBSEDCL

**West Bengal State Electricity Distribution
Company Limited**



WBSEDCL

**Annexure – II
of
Volume-I**

**Auditor Certificate for Power Purchase & Transmission
Charges 2018-19**

**Submitted to the
HON'BLE WEST BENGAL ELECTRICITY REGULATORY
COMMISSION**



J Gupta & Co LLP

Chartered Accountants

YMCA Building
Mezzanine Floor
25, Jawaharlal Nehru Road
Kolkata – 700 087

☎ : (033) 40656289

Email : jgupta.co.ca@gmail.com /
cajainarayangupta@gmail.com

TO WHOM IT MAY CONCERN

This is to certify that expenditure incurred by West Bengal State Electricity Distribution Company limited (WBSEDCL) during the financial year 2018-19 on Purchases of Power, Transmission Charges and Operating Lease Charges (read with note no-34 and 34.6 the Annual Audited Accounts of 2018-19) of Rs.18,33,619 lakhs (Eighteen Lakhs Thirty Three Thousand Six Hundred and Nineteen Lakhs) as per details attached in Annexure-A have been verified by us from the available records maintained at Corporate office and found correct.

For J GUPTA & Co LLP
Chartered Accountants
Firm Reg. No. 314010E/E300029
LLP NO.AAM-2652
UDIN: 19012208AAAAAE6379



Place: Kolkata
Date: 18-12-2019

Membership No. 012208

Sudipti Nua Roy
Chief Engineer (Regulation)
Regulation Department
WBSEDCL

Annexure-A

Statement of Purchase of Power cost, transmission Charges, Other Charges & Operating Charges
during the period April 2018 to March 2019

Sl No	Particulars	Current Cost	Arrear Cost
		(in Lakhs)	
(A)	Purchases of Power from Different Sources		
1	Damodar Valley Corporation-Grid		
	Mejia TPS (V)	13459	24
	Damodar Valley Corporation-Radial	24810	
	Damodar Valley Corporation-Short Term	34630	
2	National Thermal Power Corporation		
	Farakka STPS Stg I	110724	252
	Farakka STPS Stg III	45189	
	Kahelgaon	3702	
	Talcher STPS	16168	
3	Govt. of Sikkim	23	0
4	National Hydro Power Corporation Limited		
	Teesta V HEP	16546	968
	Rangit HEP	3893	
	Teesta Lower Dam Project III	37500	
	Teesta Lower Dam Project IV	21044	
	National Hydro Power Corporation Limited-Short Term	1297	
5	Power Trading Corporation Limited		
	Chukha HEP	11331	9
	Kurichu HEP	759	
	Tala HEP	20988	
	Adhunik Power	14576	
	Jhabua	966	
	JP Nigrie	2570	
	SPDC J & K	19238	
	PTC India Ltd (Short term)	4343	
6	Durgapur Projects Limited		
	DPL (220/132 kv)	27239	
	DPL-Radial	2306	
7	West Bengal Power Development Corportaion		
	Bandel TPS (BTPS)	44659	4345
	Santalidih TPS (STPS)	84182	
	Kolaghat TPS (KTPS)	144142	
	Bakreswar TPS (Stage -I)	104183	
	Bakreswar TPS (Stage -II)	66419	
	Sagardighi TPS (Stage-I)	79110	
	Sagardighi TPS (Stage-II)	106839	
8	CESC Ltd	829	
9	Tata Power Company Ltd	674	
10	Electro Steel Casting Limited	1257	



Sudip Choudhury
Chief Engineer (Regulation)
Regulation Department
WBSEDCL

11	Neora Hydro Limited	291	
12	Nippon Power	413	
13	Shree Renuka Sugar Ltd	0	
14	Kanti Bijli Utpadan Nigam Ltd	11540	41
15	Himadri Chemicals & Industries Ltd	1687	
16	Rashmi Cement Ltd	160	
17	DB Power	0	
18	Bengal Energy Limited	5481	
19	Assam Power Distribution Company Ltd	52	
20	Concast Bengal Industries Ltd	164	
21	Jharkhand Bijlee Vitaran Nigam Ltd	11	
22	Adani Export	0	
23	NTPC Vidyut Vyapar Nigam Ltd.(NVVN)		
	Bundle Power	22829	542
24	Tata Power Trading Corporation Limited		
	Dagachu	594	
	Maithon Power Limited	79624	11977
	Tata Power Trading Corporation Limited (Short Term)	12544	
25	Power Exchange		
	Power Exchange India Limited (PXIL)	3635	
	India Exchange Exchange Limited (IEX)	120305	
26	Solitaire Industries	298	
27	Arunachal Pradesh Power Development	2511	
28	WBREDA	1	
29	Hiranmoyee Energy	2825	
30	SWAP IN	9390	
31	Deviation Settlement (UI Payable)	20027	
	Sub-Total (A)	1359976	18158
(B)	TRANSMISSION CHARGES		
32	Power Grid Corporation India Limited	67660	2640
33	WBSETCL	122064	7226
34	Power System Operation Corporation Ltd.	305	47
35	Reimbursement of Transmission Charges to NVVN Ltd.	960	
36	Open Access Charges on Power Purchases		
	National Hydro Power Corporation Limited	27	
	Power Trading Corporation Limited	1213	
	NTPC Vidyut Vyapar Nigam Ltd	171	
	Tata Power Trading Corporation Limited	315	2
	Power Exchange India Limited (PXIL)	214	
	India Exchange Exchange Limited (IEX)	7686	
	Arunachal Pradesh Power Development	51	
	Sub-Total (B)	200665	9915
(C)	Other Charges		
36	ERPC Charges	16	151
37	SLDC Charges	1678	
38	ERPC Reactive Energy Charges	1209	
	Sub-Total (C)	2903	151
(D)	Operating Lease Charges		



Sudip Kumar
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

39	West Bengal Power Development Corportaion		
	Bandel TPS (BTPS)	7997	
	Santalidih TPS (STPS)	44676	
	Kolaghat TPS (KTPS)	29781	
	Bakreswar TPS (Stage -I)	44458	
	Bakreswar TPS (Stage -II)	29078	
	Sagardighi TPS (Stage-I)	30419	
	Sagardighi TPS (Stage-II)	55442	
	Sub-Total (D)	241850	
	TOTAL(A+B+C+D)	1805395	28224
	Total Expenditure (Current Power Purchases Cost + Arrear Cost + Operating Lease Charges)	1833619	



Sudipto Mukhopadhyay
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

West Bengal State Electricity Distribution
Company Limited



Annexure – III
of
Volume-I

Calculation of Carrying Cost for 2018-19

Submitted to the
HON'BLE WEST BENGAL ELECTRICITY REGULATORY
COMMISSION

Interest for carrying cost calculation (SBI
PLR as on Apr 1 2017)

13.85%

Annexure IV

Computation of Carrying Cost of Regulatory Asset & Arrear Revenue (Amount in Rs. lakh)								
Particulars	Regulatory Asset amount admitted in APR /review order	Amount released in tariff	Carrying Cost Amount claimed in respective APR application	Regulatory Asset balance in APR /review order mfor 2018-19	Recoverable amount claimed in APR application not yet settled	Claim Period	PLR as on the 1st day of the previous financial year (i.e. 2017-18) (%)	Carrying Cost
Review order of APR 2012-13 dated: 25.05.21	13,543			13,543		01-04-18 to 31-03-19	13.85%	1,876
APR Order 2013-14 dated 03.01.21	1,52,482	44,699		1,07,783		01-04-18 to 31-03-19	13.85%	14,928
APR Order 2014-15 dated.....	9,295	-		9,295		01-04-18 to 31-03-19	13.85%	1,287
APR Application for 2015-16		-	1,15,939	4,27,098	3,11,159	01-04-18 to 31-03-19	13.85%	43,096
APR Application for 2016-17		-	96,419	2,89,199	1,92,780	01-04-18 to 31-03-19	13.85%	26,700
APR Application for 2017-18 #		-	84,873	16,910	(67,963)	01-04-18 to 31-03-19	13.85%	(9,413)
Total Carrying Cost								78,474

Note:

Rs. 16,910 lakhs = (Rs. 3,04,018 lakhs - Rs. 2,87,108 lakhs) where Rs. 3,04,018 lakhs as per claim for APR 2017-18 & Rs. 2,87,108 lakhs as per utilization of security deposit in the year 2017-18.

Sudip Choudhury
Chief Engineer (Regulation)
Regulation Department
WBSEDCL

