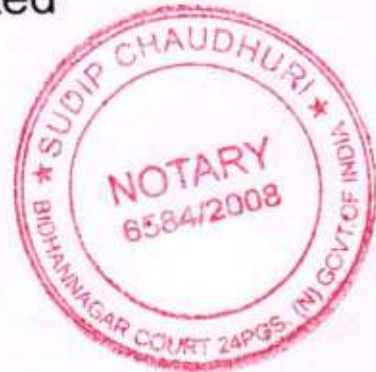


West Bengal State Electricity Distribution Company Limited

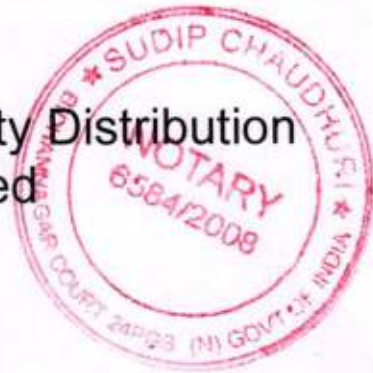


Volume-I

Application seeking
Annual Performance Review for 2019-20

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

West Bengal State Electricity Distribution
Company Limited



WBSEDCL

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 % 2019-20
Stabilised Commercial Operation	
A) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	92.60%
b) Rammam HEP	100.00%
B) Small Hydel Unit	
a) Jaldkha HEP Stg-II	93.33%
b) Teesta Canal Fall, PS-I	100.00%
c) Teesta Canal Fall, PS-II	81.81%
d) Teesta Canal Fall, PS-III	89.90%
e) Fazi	97.37%
f) Little Rangeet / Bijanbari	90.04%
g) Sidrabong	99.69%
h) Rinchinton	97.53%
i) Messanjore	100.00%
j) Mangoo- Kalikhola	85.87%
C) Pump Storage Project	
a) Purulia	96.59%
D) Solar Power Project	
a) Teesta Canal Bank Solar PV Project (10 MW)	100.00%
b) Mejia Solar PV Project (10 MW)	50.00%
c) Chharrah Solar PV Project (10 MW)	35.00%
d) Salboni (10 MW)	100.00%
e) Patni (10 MW)	100.00%
f) Teesta Haptiagach (10 MW)	100.00%
g) Santaldih (10 MW)	0.00%

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
	2019-20	
	Actual	
A) Hydel Power Stations:		
a) Jaldkha HEP Stg-I		
Unit 1	70.86%	
Unit 2	100.00%	
Unit 3	100.00%	
Unit 4	99.53%	
Overall	92.60%	
b) Jaldkha HEP Stg-II		
Unit 1	99.93%	
Unit 2	86.72%	
Overall	93.33%	
c) Rammam HEP		
Unit 1	100.00%	
Unit 2	100.00%	
Unit 3	100.00%	
Unit 4	100.00%	
Overall	100.00%	
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	45.44%	
Unit 2	100.00%	
Unit 3	100.00%	
Overall	81.81%	
f) Teesta Canal Fall, PS-III		
Unit 1	100.00%	
Unit 2	100.00%	
Unit 3	69.70%	
Overall	89.90%	
g) Fazi		
Unit 6	97.37%	
Overall	97.37%	



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

Name of the Station:	in %	Remarks
	2019-20	
	Actual	
h) Little Rangeet / Bijanbari		
Unit 1	80.85%	
Unit 2	99.23%	
Overall	90.04%	
i) Sidrabong		
Unit 1	99.38%	
Unit 2	100.00%	
Overall	99.69%	
j) Rinchinton		
Unit 1	96.18%	
Unit 2	98.87%	
Overall	97.53%	
k) Messanjore		
Unit 1	100.00%	
Unit 2	100.00%	
Overall	100.00%	
l) Mangoo- Kalikhola		
Unit 1	89.16%	
Unit 2	89.48%	
Unit 3	78.97%	
Overall	85.87%	
B) Pump Storage Project:		
a) Purulia		
Unit 1	98.20%	
Unit 2	97.30%	
Unit 3	93.86%	
Unit 4	96.98%	
Overall	96.59%	
C) Solar Power Plant:		
a) Teesta Canal Bank Solar PV Project (10 MW)	100.00%	
b) Mejia Solar PV Project (10 MW)	50.00%	
c) Chharrah Solar PV Project (10 MW)	35.00%	
d) Salboni (10 MW)	100.00%	
e) Patni (10 MW)	100.00%	
f) Teesta Haptiagach (10 MW)	100.00%	
g) Santaldih (10 MW)	0.00%	
Overall	69.29%	



Form 1.2 Plant Load Factor - Annually

Station	2019-20
	Actual
	in %
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	50.44
b) Rammam HEP	55.35
c) Jaldkha HEP -Stg-II	42.51
d) Teesta Canal Falls PS-I	7.51
e) Teesta Canal Falls PS-II	7.66
f) Teesta Canal Falls PS-III	7.04
g) Other Hydro	25.26
Sub Total - Hydel	33.04
ii) Pump Storage Power Station:	
a) Purulia	13.64
iii) Diesel Power Station:	
a) Rudranagar	0.000
iv) Solar Power Station:	
a) Teesta Canal Bank Solar PV Project (10 MW)	12.38
b) Mejia Solar PV Project (10 MW)	8.86
c) Chharrah Solar PV Project (10 MW)	4.33
d) Salboni(10 MW)	16.75
e) Patni (10 MW)	16.30
f) Teesta Haptiagach(10 MW)	8.40
g) Santaldih (10 MW)	0.00
Sub Total - Hydel	10.93

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

Station	2019-20
	Actual MU
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	159.073
b) Rammam HEP	247.298
c) Jaldkha HEP -Stg-II	29.793
d) Teesta Canal Falls PS-I	14.800
e) Teesta Canal Falls PS-II	15.094
f) Teesta Canal Falls PS-III	13.867
g) Rinchington Hydel Project	6.661
h) L.R.H.P.	8.993
i) M.K.H.P.	5.744
j) Sidrapong	0.246
k) Messanjore	4.672
l) Fazi	4.767
Sub Total - Hydel	511.008
ii) Pump Storage Power Station:	
a) Purulia	1075.471
iii) Diesel Power Station:	
a) Rudranagar	0.000
iv) Solar Power Station:	
a) Teesta Canal Bank Solar PV Project (10 MW)	10.843
b) Chharrah (10MW)	7.761
c) Mejhia (10 MW)	3.789
d) Salboni(10 MW)	14.676
e) Patni (10 MW)	14.276
f) Teesta Canal Bank Solar PV Project (phase 2) (10 MW)	7.361
Sub Total -Solar	58.707
Grand Total:	1645.186



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

Station	2019-20
	Actual MU
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	1.591
b) Rammam HEP	2.473
c) Jaldkha HEP -Stg-II	0.298
d) Teesta Canal Falls PS-I	0.148
e) Teesta Canal Falls PS-II	0.151
f) Teesta Canal Falls PS-III	0.139
g) Rinchington Hydel Project	0.067
h) L.R.H.P.	0.090
i) M.K.H.P.	0.057
j) Sidrapong	0.002
k) Messanjore	0.047
l) Fazi	0.048
Sub Total - Hydel	5.110
ii) Pump Storage Power Station:	
a) Purulia	18.283
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
f) Teesta Canal Bank Solar PV Project (phase 2) (10 MW)	0.000
Sub Total -Solar	0.000
Grand Total:	23.393

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

Station	2019-20
	Actual MU
a) Purulia Pump Storage Project	1504.492



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



Station	2019-20
	Actual MU
Stabilised Commercial Operation	
i) Hydel Power Stations:	
a) Jaldkha HEP -Stg-I	157.482
b) Rammam HEP	244.825
c) Jaldkha HEP -Stg-II	29.495
d) Teesta Canal Falls PS-I	14.652
e) Teesta Canal Falls PS-II	14.943
f) Teesta Canal Falls PS-III	13.728
g) Rinchington Hydel Project (*)	6.594
h) L.R.H.P. (*)	8.903
i) M.K.H.P. (*)	5.687
j) Sidrapong (*)	0.244
k) Messanjore (*)	4.625
l) Fazi (*)	4.719
Sub Total - Hydel	505.898
ii) Pump Storage Power Station:	
a) Purulia	1057.188
iii) Diesel Power Station:*	
a) Rudranagar	0.000
iv) Solar Power Station:*	
a) Teesta Canal Bank Solar PV Project (10 MW)	10.843
b) Chharrah (10MW)	7.761
c) Mejhia (10 MW)	3.789
d) Salboni(10 MW)	14.676
e) Patni (10 MW)	14.276
f) Teesta Canal Bank Solar PV Project (phase 2) (10 MW)	7.361
Sub Total -Solar	58.707
Grand Total:	1621.793

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



Form 1.6(a) : Energy Purchased (Sourcewise)

	Source	2019-20
		Actual MU
A	WBPDC	
	Bandel TPS	749.599
	Santalidhi TPS	3389.999
	Kolaghat TPS	2514.535
	Bakreswar TPS (Stage - I)	3828.361
	Bakreswar TPS (Stage - II)	2531.875
	Sagardighi TPS (Stage - I)	2376.362
	Sagardighi TPS (Stage - II)	3725.998
	TOTAL WBPDC	19116.729
B	DPL	
	132/220 KV	1982.688
	33KV & 11 KV	
	TOTAL DPL	1982.688
C	IPCL Hiranmayee	29.116
D	NTPC	
	Farraka STPS Stg I & II	3266.099
	Farraka STPS Stg III	1062.704
	Talcher STPS	536.080
	Kahelgaon (Stg-1) STPS	356.491
	Darlipali	62.070
	Kanti Bijli	192.374
	TOTAL NTPC	5475.818
E	PTC	
	Chukha	532.719
	Kurichu	39.445
	Tala Hydro	1031.288
	J&K (Baglihar)	575.677
	APNRL	398.830
	Jhabua	538.192
	Jaiprakash	556.060
	Mangdechhu	322.334
	TOTAL PTC	3994.545
F	N.H.P.C	
	Rangit	656.166
	Teesta-V	97.983
	TLDP III	572.305
	TLDP IV	720.955
	Total N.H.P.C	2047.409
G	DVC	
	DVC Pool	457.508
	Mejia TPS-V	206.326
	RTPS	1041.117
	Radial	545.804
	Total DVC	2250.755



Form 1.6(a) : Energy Purchased (Sourcewise)

	Source	2019-20
		Actual MU
H	NVVNL Bundle Power (Thermal)	359.432
I	Govt. Of Sikkim	0.375
J	CESC Limited	8.467
K	Jharkhand Bijli Vitaran Nigam Limited	0.122
L	APDCL	0.638
M	TPTCL	
	Maithon Power	1464.608
	Dagachhu	512.701
	Total TPTCL	1977.309
N	Co-generation/ Renewable Sources of Energy	
	WBREDA	0.044
	Tata Power Company Limited (Haldia)	0.000
	Electro Steel Casting Limited	28.153
	Neora Hydro Limited	7.376
	Nippon Power Limited	5.561
	Himadri Chemicals & Industries Ltd	35.322
	Shree Renuka Sugars Ltd.	0.000
	Reshmi Cements Ltd	34.319
	Reshmi Ispat Ltd	8.240
	Bengal Energy Limited	224.931
	Concast Bengal Ind. Ltd.	4.490
	NVVNL Bundle Power (Solar)	80.458
	Solitaire	6.992
	Short-term(TPC-Haldia)	401.918
	Total Co-generation/ Renewable Sources	837.804
O	Short Term	
	Tader	
	Tata Power Trading Co. Ltd. (TPTCL)	354.998
	PTC India Ltd. (PTC)	154.886
	NVVNL	431.738
	JSWPTC	7.613
	DB Power	15.227
	Total Trader	964.462
	Power Exchange	
	Power Exchange India Limited	84.720
	Indian Energy Exchange Limited	2019.579
	Total Power Exchange	2104.299
	Total short-term	3068.761
P	Swap In	681.456
	Grand Total:	41831.425
	Less: CTU Grid Loss	294.509
	Net Purchase	41536.916

Form 1.7: T&D Loss %

Ref		Unit	Derivation	2019-20 (Actual)	Remarks
1	Generation [Form 1.3]	MU	A	1645.186	
2	Auxiliary Consumption [Form 1.4(a)]	MU	B1	23.393	
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	1621.793	
(a)	At EHV	MU	C1	1532.314	
(b)	At 33 KV and below	MU	C2	89.480	
5	Quantum of infirm power included in 1	MU		0.000	
6	Energy Purchased [Form 1.6(a)]	MU	D	40071.708	After deducting STU loss of 1465.208 MU
7	Energy Received for Wheeling [Form 1.9a]	MU	E	155.300	
8	Overall Gross Energy Input to WBSEDCL System	MU	F=C+D+E	41848.801	
9	Energy sold to other than licensees and consumers [Form 1.9b]	MU	G1	2045.845	
10	Additional Units allowed by Commission for Sales to persons other than licensees or any consumers	MU	G2	72.006975	
11	Units sold/ used for pumping energy of Pumped Storage Project at Bus bar [Form 1.4(b)]	MU	G3	1453.339	
12	Additional Units allowed by Commission against Pumping Energy for pumping loss	MU	G4	51.153	
13	Energy sold to licensee [Form 1.9c]	MU	G5	51.066	
14	Additional Units allowed by Commission for Sales to other licensees	MU	G6	1.797	
15	Net UI [Actual drawal]	MU	G7	-292.656	U1 (IN) =580.565 MU U1 (OUT) =287.909 MU
16	Total Energy goes out of System	MU	G=G1+G2+G3+G4+G5+G6+G7	3382.552	
17	Net Energy in System	MU	H=F-G	38466.249	
18	Units sold to consumers + Sale to DPSCCL from Distribution System	MU	I	31129.717	
19	Units wheeled [Form 1.9d]	MU	J	153.653	
20	Additional units allowed for wheeling	MU	K	1.647	
21	Units utilised in own premises including construction power	MU	L	71.000	
22	Quantum of construction power included in 21	MU		0.000	
23	Overall Utilisation	MU	M=sum(I-L)	31356.017	
24	Unutilised Units	MU	N=H-M	7110.232	
25	System Loss	%	O= N*100/H	18.48	

Form 1.8 : Aggregate Technical & Commercial (ATC) Loss

2019-20

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	38466.249
2	Unit utilised (Item M of form 1.7)	MU	B	31356.017
3	Unutilised Units (Item N of form 1.7)	MU	$C = A - B$	7110.232
4	Distribution Loss % (Item O of form 1.7)	%	$D = (C \times 100) / A$	18.48
5	Realised Units in corresponding period	MU	E	30418.47
6	AT& C loss in units	MU	$F = A - E$	8047.777
7	AT& C loss in %	%	$G = (F / A) \times 100$	20.92



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Form 1.8 : Aggregate Technical & Commercial (ATC) Loss

2019-20

Ref		Unit	Derivation	Actual
1	Unit supplied to System (item H of form 1.7)	MU	A	38466.249
2	Unit utilised (Item M of form 1.7)	MU	B	31356.017
3	Unutilised Units (Item N of form 1.7)	MU	$C = A - B$	7110.232
4	Distribution Loss % (Item O of form 1.7)	%	$D = (C \times 100) / A$	18.48
5	Realised Units in corresponding period	MU	E	28286.72
6	AT& C loss in units	MU	$F = A - E$	10179.53
7	AT& C loss in %	%	$G = (F / A) \times 100$	26.46



Form 1.9 : Energy Balance

Annual Performance Review 2019-20

Ref.	Particulars	Unit	Derivation	2019-20	Remarks
				Actual	
A	Energy Input				
1	Generation [Form 1.3]	MU		1645.186	
2	Auxiliary Consumption [Form 1.4]	MU		23.393	
3	Transformation Loss	MU		0.000	
4	Units delivered to system from generation [Form 1.5]	MU	4=1-2-3	1621.793	
5	Energy Purchased at EHV including SWAP in power [Form 1.6]	MU	5	40071.708	After deducting STU loss of 1465.208 MU
6	Energy Received for Wheeling at 132 KV [Form 1.9a]	MU	6	155.300	
7	Overall Gross Energy Input to WBSETCL System	MU	7=sum(4:6)	41848.801	
8	Unit sold to persons other than licensees or any consumers [Form 1.9b]	MU		2045.845	
9	Additional units allowed by Commission for sale to persons other than licensees or any consumers	MU		72.007	
10	Units sold/ used for pumping energy of Pumped Storage Project at Bus bar [Form 1.4(b)]	MU		1453.339	
11	Additional Units allowed by Commission against Pumping Energy for pumping loss	MU		51.153	
12	Energy sold to licensee [Form 1.9c]	MU		51.066	
13	Additional Units allowed by Commission for Sales to other licensees	MU		1.797	
14	Net UI [Actual drawal]	MU		-292.656	UI (IN) =580.565 MU UI (OUT) =287.909 MU
15	Total Energy goes out of System	MU	15=8+9+10+11+12+13+14	3382.552	
	Energy Input for own system	MU	7-15	38466.249	
B	Energy Utilisation [Form 1.7]				
a.	Units sold to consumers + Sale to DPSCL from Distribution System	MU		31129.717	
b	Units wheeled [Form 1.9c]	MU		153.653	
c	Additional units allowed for wheeling	MU		1.647	
d	Units utilised in own premises including construction power	MU		71.000	
e	Unutilised Units	MU		7110.232	
	Total Energy	MU	sum(Y:AD)	38466.249	



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

Ref.	Particulars	MU
		Actual
1.	Wheeling(Rashmi Cement & PCBL)	155.300

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	1210.402
2	Swap Out	835.444
	Grand Total:	2045.845

Note:

Form 1.9 c : Energy sold to licensees

Ref.	Licensee	MU
		Actual
1	CESC	5.810
2	DPL	
3	Govt. of Sikkim	45.257
4	DVC	0.000
	Total sale at EHV level	51.066
5	DPSC	
	At HV level	20.517
	TOTAL	71.583

Form 1.9 d : Energy wheeled at Delivery Point

Ref.	Particulars	MU
		Actuals
1.	Wheeling(Rashmi Cement & PCBL)	153.653

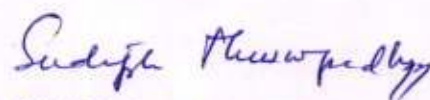
Form 1.11 : COST OF FUEL (STATIONWISE)

Name of the Station:

RUDRANAGAR DIESEL POWER STATION

Rs. In Lakhs

Sl. No.	STATION	DERIVATION	UNIT	2019-20
				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



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	2019-20
		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	1229
	Bonus	13
	Contribution to Funds	49
	Welfare Expenses	202
	Performance Incentive	13
	Sub - Total (ii)	1507
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	
	Security Charges	
	Maintenance of gen Str	
	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.	0
	Loss on obsolescence of inventory	2
	Compensation to outsiders on injury/death/damages	8
	Loss on demolition/ retirement of asset	82
	Written off of the Assets	-
	Sub - Total (vi)	92
(xii)	Overall (1.12)	1599
***	For O & M expenses claim made at normative level as allowed in ARR	

Sudip Chaudhuri
 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
2019-20

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	1229
	Bonus	13
	Contribution to Funds	49
	Welfare Expenses	202
	Performance Incentive	13
	Sub - Total (ii)	1507
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	16
	Security Charges	192
	Maintenance of gen Stn	561
	Sub-station Maintenance	-
	Line Maintenance	-
	Sub - Total (iii)	770
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	29
	Plant & Machineries	130
	Others	229
	Sub - Total (iv)	388
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	11
	Vehicle Maintenance	114
	Telephone Expenses	3
	Rent	1
	Other Management & Administrative Expenses	69
	Sub - Total (v)	198
	Total Operation & Maintenance ***	1356
(x)	Lease Rental	-
(xi)	Depreciation	
(xii)	Others	
	Expenses due to Penalty, Fines etc.	0
	Loss on obsolescence of inventory	2
	Compensation to outsiders on injury/death/damages	8
	Loss on demolition/ retirement of asset	82
	Written off of the Assets	-
	Sub - Total (vi)	92
(xiii)	Overall (1.12)	2955

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

Name of the Station: PPSP

Rs. In Lakhs

2019-20

Actual: 24.65

Ref.	Particulars	2019-20
	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	446
	Bonus	11
	Contribution to Funds	47
	Welfare Expenses	164
	Performance Incentive	22
	Sub - Total (ii)	691
	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.	-
	Loss on obsolescence of inventory	-
	Compensation to outsiders on injury/death/damages	-
	Loss on demolition/ retirement of asset	-
	Written off of the Assets	-
	Sub - Total (vi)	-
(xii)	Overall (1.12)	691
***	For O& M expenses claim made at normative level as allowed in ARR	

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 WBSEDCL

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

Name of the Station:PPSP

Rs. In Lakhs

2019-20

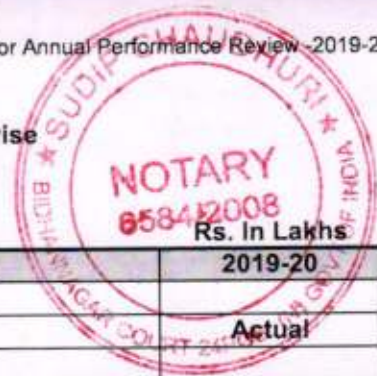
Actual

Ref.	Particulars	
	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	446
	Bonus	11
	Contribution to Funds	47
	Welfare Expenses	164
	Performance Incentive	22
	Sub - Total (ii)	691
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	-
	Security Charges	98
	Maintenance of gen Stn	804
	Sub-station Maintenance	21
	Line Maintenance	67
	Sub - Total (iii)	991
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	22
	Plant & Machineries	482
	Others	29
	Sub - Total (iv)	533
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	4
	Vehicle Maintenance	58
	Telephone Expenses	2
	Rent	-
	Other Management & Administrative Expenses	41
	Sub - Total (v)	105
	Total Operation & Maintenance ***	1630
(x)	Lease Rental	-
(xi)	Depreciation	-
(xii)	Others	-
	Expenses due to Penalty, Fines etc.	-
	Loss on obsolescence of inventory	-
	Compensation to outsiders on injury/death/damages	-
	Loss on demolition/ retirement of asset	-
	Written off of the Assets	-
	Sub - Total (vi)	-
(xiii)	Overall (1.12)	2320

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 WBSEDCL

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

Name of the Station: JALDHAKA - Stage I



Ref.	Particulars	Rs. In Lakhs 2019-20 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	334
	Bonus	4
	Contribution to Funds	17
	Welfare Expenses	38
	Performance Incentive	3
	Sub - Total (ii)	396
	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.	-
	Loss on obsolescence of inventory	-
	Compensation to outsiders on injury/death/damages	-
	Loss on demolition/ retirement of asset	-
	Written off of the Assets	-
	Sub - Total (vi)	-
(xii)	Overall (1.12)	396
***	For O & M expenses claim made at normative level as allowed in ARR	

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 WBSEDCL

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

Name of the Station: JALDHAKA - Stage I

Rs. in Lakhs

Actual

Ref.	Particulars	2019-20
	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	334
	Bonus	4
	Contribution to Funds	17
	Welfare Expenses	38
	Performance Incentive	3
	Sub - Total (ii)	396
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	-
	Security Charges	64
	Maintenance of gen Stn	95
	Sub-station Maintenance	-
	Line Maintenance	-
	Sub - Total (iii)	159
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	26
	Plant & Machineries	7
	Others	100
	Sub - Total (iv)	132
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	1
	Vehicle Maintenance	50
	Telephone Expenses	0
	Rent	-
	Other Management & Administrative Expenses	4
	Sub - Total (v)	56
	Total Operation & Maintenance ***	347
(x)	Lease Rental	-
(xi)	Depreciation	
(xii)	Others	
	Expenses due to Penalty, Fines etc.	-
	Loss on obsolescence of inventory	-
	Compensation to outsiders on injury/death/damages	-
	Loss on demolition/ retirement of asset	-
	Written off of the Assets	-
	Sub - Total (vi)	-
(xiii)	Overall (1.12)	743

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

Name of the Station:RAMMAM

		Rs. In Lakhs
Ref.	Particulars	2019-20
		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	525
	Bonus	7
	Contribution to Funds	26
	Welfare Expenses	78
	Performance Incentive	9
	Sub - Total (ii)	645
	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.	-
	Loss on obsolescence of inventory	6
	Compensation to outsiders on injury/death/damages	-
	Loss on demolition/ retirement of asset	-
	Written off of the Assets	-
	Sub - Total (vi)	6
(xii)	Overall (1.12)	651
***	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

Ref.		Particulars	Rs. In Lakhs 2019-20 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	525
		Bonus	7
		Contribution to Funds	26
		Welfare Expenses	78
		Performance Incentive	9
		Sub - Total (ii)	645
		Operation & Maintenance ***	
(vii)		Cost of Outsourcing	
		Back Office Job	-
		Security Charges	65
		Maintenance of gen Stn	50
		Sub-station Maintenance	-
		Line Maintenance	25
		Sub - Total (iii)	140
(viii)		Repairs & Maintenance (excluding salaries etc. & stores)	
		Buildings	32
		Plant & Machineries	27
		Others	113
		Sub - Total (iv)	172
(ix)		Administrative & Gen Expenses	
		Travelling Expenses	3
		Vehicle Maintenance	90
		Telephone Expenses	2
		Rent	-
		Other Management & Administrative Expenses	9
		Sub - Total (v)	104
		Total Operation & Maintenance ***	415
(x)		Lease Rental	-
(xi)		Depreciation	
(xii)		Others	
		Expenses due to Penalty, Fines etc.	-
		Loss on obsolescence of inventory	6
		Compensation to outsiders on injury/death/damages	-
		Loss on demolition/ retirement of asset	-
		Written off of the Assets	-
		Sub - Total (vi)	6
(xiii)		Overall (1.12)	1066

Chief Engineer (Regulation)
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WBSEDCL

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

Name of the Station: Solar

Rs. In Lakhs	
Ref.	Particulars
	2019-20
	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
	Performance Incentive
	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.
	Loss on obsolescence of inventory
	Compensation to outsiders on injury/death/damages
	Loss on demolition/ retirement of asset
	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 2019-20 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.



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 WBSEDCL

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

Name of the Station:Overall

Rs. in Lakhs

Ref.	Particulars	2019-20
		Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	0
	Oil	0
	others	0
	Sub - Total (i)	0
(ii)	Coal & Ash handling charges	0
(iii)	Demurrage for Transportation of Fuel	0
(iv)	Water Charges	0
(v)	Consumption of stores & spares	0
(vi)	Employee Costs	
	Salaries & Wages	2534
	Bonus	35
	Contribution to Funds	140
	Welfare Expenses	483
	Performance Incentive	48
	Sub - Total (ii)	3239
	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	0
(xi)	Others	
	Expenses due to Penalty, Fines etc.	0
	Loss on obsolescence of inventory	8
	Compensation to outsiders on injury/death/damages	8
	Loss on demolition/ retirement of asset	82
	Written off of the Assets	0
	Sub - Total (vi)	98
(xii)	Overall (1.12)	8590
***	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	

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

Name of the Station: Overall

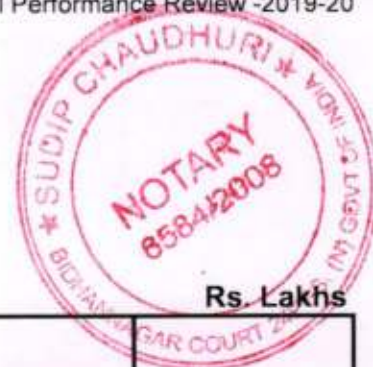
Ref. Particulars		Rs. In Lakhs 2019-20
		Actual
	Cost of Energy from own Generation - all stations	
	Excludes expense shown under any other head	
(i)	Fuel Cost	
	Coal	-
	Oil	-
	others	-
	Sub - Total (i)	-
(ii)	Coal & Ash handling charges	-
(iii)	Demurrage for Transportation of Fuel	-
(iv)	Water Charges	-
(v)	Consumption of stores & spares	-
(vi)	Employee Costs	
	Salaries & Wages	2534
	Bonus	35
	Contribution to Funds	140
	Welfare Expenses	483
	Performance Incentive	48
	Sub - Total (ii)	3239
	Operation & Maintenance ***	
(vii)	Cost of Outsourcing	
	Back Office Job	16
	Security Charges	419
	Maintenance of gen Strn	1510
	Sub-station Maintenance	21
	Line Maintenance	93
	Sub - Total (iii)	2060
(viii)	Repairs & Maintenance (excluding salaries etc. & stores)	
	Buildings	109
	Plant & Machineries	645
	Others	472
	Sub - Total (iv)	1225
(ix)	Administrative & Gen Expenses	
	Travelling Expenses	19
	Vehicle Maintenance	310
	Telephone Expenses	8
	Rent	1
	Other Management & Administrative Expenses	124
	Sub - Total (v)	462
	Total Operation & Maintenance ***	3747
(x)	Lease Rental	0
(xi)	Depreciation	0
	Insurance	6
(xii)	Others	
	Expenses due to Penalty, Fines etc.	0
	Loss on obsolescence of inventory	8
	Compensation to outsiders on injury/death/damages	8
	Loss on demolition/ retirement of asset	82
	Written off of the Assets	-
	Sub - Total (vi)	98
(xiii)	Overall (1.12)	7084

Form 1.15 : Expenditure - Distribution of Energy

Ref.		Particulars	Rs. In Lakhs 2019-20 Actual
		Expenses on Distribution of Energy	
		Excludes Expenses shown under any other head	
(i)		Employee Costs	
		Salaries & Wages	62434
		Bonus	959
		Contribution to Funds	3559
		Welfare Expenses	6233
		Previous year adjustments	0
		Performance Incentive	1111
		Sub - Total (i)	74297
(ii)		Operation and maintenance	
(a)		Repairs & Maintenance (excluding salaries etc. & stores)	
		Buildings	110
		Distribution Asset	18385
		Others	571
		Sub - Total (ii)	19065
(b)		Other Administrative & Gen Expenses	
		Travelling Expenses	262
		Vehicle Maintenance	4201
		Telephone Expenses	201
		Rent	1309
		Other Management & Administrative Expenses	3501
		Sub - Total (iii)	9475
		Total Operation and maintenance	28541
(iv)		Expenses for Complaint Management mechanism	371
(v)		Lease Rental	730
(vi)		Insurance	1
(vii)		Rates & Taxes	79
(viii)		Cost of outsourcing Manpower related	
		Sub-station Maintenance	2696
		HT Line Maintenance	16804
		Security Charges	3495
		Meter Reading & Bill Distribution	14234
		Back office Job	94
		Call centre	2617
		LT Mobile Maintenance	16970
		Franchisee	211
		Collection Franchisee	2202
		Data warehousing	0
		Sub - Total (iv)	59324
(ix)		Cost of outsourcing excluding manpower	
		Sub-station Maintenance	0
		HT Line Maintenance	0
		LT Mobile Maintenance	0
		Back office Job	0
		Franchisee	0
		Meter Reading & Bill Distribution	0
		Collection Franchisee	0
		Data warehousing	0
		Security Charges	0
		Sub - Total (v)	0
(x)		Bad Debts written off-dues from Customers	8355
(xi)		Depreciation	0
(xii)		Others finance charge	0
(xiii)		Others to be specified, if any	
		Expenses due to Penalty, Fines etc.	0
		Loss of materials by pilferage	0
		Loss of obsolete store materials	1
		Compensation to outsiders on injury/death/damages	307
		Prior period expenses	0
		Loss on demolition/ retirement of asset	1466
		Sub - Total (vi)	1774
(xii)		Overall	173470



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**Form 1.16 : Expenditure - Sale of Energy****Rs. Lakhs**

Ref.	Particulars	2019-20	Basis
		Actual	
	Expenses on Sale of Energy		Expenditure already included in the Form:1.15
	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:

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.

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Form 1.17 : Other expenses centrally maintained

Rs. Lakhs

Ref.	Particulars	2019-20		
		Gen.	Actual Dist.	Total
(a)	Employee costs & Directors' fees & expenses			
(i)	Salaries & Wages	334	7,718	8,052
(ii)	Bonus	32	960	992
(iii)	Contribution to Funds	141	86,528	86,669
(iv)	Welfare Expenses	333	9,512	9,845
(v)	Performance Incentive	5	121	126
(vi)	Less: Capitalisation	700	16,612	17,312
	Total	146	88,227	88,373
(b)	Operation And Maintenance			
(i)	Repairs & Maintenance (excluding salaries etc. & stores)		4,653	4,653
(ii)	Impact of Service Tax on Repairs & Maintenance		-	-
(iii)	Travelling Expenses (including Vehicle Running & Maintenance)		527	527
(iv)	Telephone, Telex, etc.		414	414
(v)	Rent		54	54
(vi)	Legal Charges	***	427	427
(vii)	Consultancy Fees, charges and expenses		191	191
(viii)	Auditors' Fees		51	51
(ix)	Postage		21	21
(x)	General Establishment Charges		2,863	2,863
(xi)	Cost of outsourcing Manpower related		776	776
(xii)	Cost of outsourcing excluding manpower	-	-	-
(c)	Total Operation And Maintenance	-	9,976	9,976
(d)	Rates & Taxes (Other than taxes on income & profits)	76	1,884	1,960
(e)	Lease Rental	-	-	-
(f)	Insurance Premium Payable [Form 1.17 f]	1,445	131	1,576
(g)	Interest			
(i)	Interest on Capital Expenditure, Loans & Public Deposits	516	44,869	45,385
(ii)	Interest on Temporary Accommodation [Form 1.17 a]	-	-	-
(iii)	Interest on Working Capital [Form 1.17 b]	-	18,022	18,022
(iv)	Interest on Security Deposits at rates specified by the Commission calculated on average basis	-	20,624	20,624
(v)	Interest on advance from consumers	-	-	-
(vi)	Other Finance Charges [Form 1.17 c]	59	1,444	1,503
(vii)	Delayed Payment Surcharge	-	-	-
(viii)	Interest for creation of pension fund	388	9,582	9,971
(ix)	Fringe benefit Tax	-	-	-
(h)	Foreign Exchange Rate Variation on Loan repayments [Form 1.17 d]	-	-	-
(i)	Depreciation	8,912	37,308	46,220
(j)	Advance against Depreciation [Form 1.17 e]	-	-	-
(k)	Bad Debts (see regulation 5.10.1)	-	821	821
(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	-	-	-
	Overall (1.17)	11,542	232,888	244,430

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 and for Solar claim is made at actuals

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

Rs. In Lakhs

Ref.	Particulars	2019-20		
		Generation	Distribution	Total
(a)	Employee Costs & Directors' Fees & Expenses			
(i)	Salaries & Wages	334	7,718	8,052
(ii)	Bonus	32	960	992
(iii)	Contribution to Funds	141	86,528	86,669
(iv)	Welfare Expenses	333	9,512	9,845
(v)	Performance Incentive	5	121	126
(vi)	Director's Sitting Fees (see Note 1)	-	6	6
	Less: Capitalisation	700	16,612	17,312
		146	88,233	88,379
(b)	Operation And Maintenance			
(i)	Repairs & Maintenance (excluding salaries etc. & stores)	323	4,653	4,976
(ii)	Impact of Service Tax on Repairs & Maintenance	-	-	-
(iii)	Travelling Expenses (including Vehicle Running & Maintenance)	21	527	548
(iv)	Telephone, Telex, etc.	17	414	431
(v)	Rent	2	54	56
(vi)	Legal Charges	-	427	427
(vii)	Consultancy Fees, charges and expenses	4	191	195
(viii)	Auditors' Fees	-	51	51
(ix)	Postage	1	21	22
(x)	General Establishment Charges (see Note 1)	78	2,863	2,941
(xi)	Cost of outsourcing Manpower related	-	776	776
(xii)	Cost of outsourcing excluding manpower	-	-	-
(c)	Total Operation And Maintenance	446	9,976	10,423
(d)	Rates & Taxes (Other than taxes on income & profits)	76	1,884	1,960
(e)	Lease Rental			
(f)	Insurance Premium Payable [Form 1.17 f]	1,445	131	1,576
(g)	Interest			
(i)	Interest on Capital Expenditure, Loans & Public Deposits	516	44869	45385
(ii)	Interest on Temporary Accommodation [Form 1.17 a]	0	0	0
(iii)	Interest on Working Capital [Form 1.17 b]	0	18022	18022
(iv)	Interest on Security Deposits at rates specified by the Commission calculated on average basis	0	20624	20624
(v)	Interest on advance from consumers	0	0	0
(vi)	Other Finance Charges [Form 1.17 c]	59	1444	1503
(vii)	Delayed Payment Surcharge	0	0	0
(viii)	Interest for creation of pension fund	388	9582	9971
(ix)	Fringe benefit Tax	0	0	0
(h)	Foreign Exchange Rate Variation on Loan repayments [Form 1.17 d]	0	0	0
(i)	Depreciation	8912	37308	46220
(j)	Advance against Depreciation [Form 1.17 e]	0	0	0
(k)	Bad Debts (see regulation 5.10.1)	0	821	821
(l)	Other Expenses	0	0	0
(m)	Intangible Assets written off	0	0	0
(n)	Taxes on Income/ Profit	0	0	0
(o)	Others to be specified, if any			
(i)	Loss of materials by pilferage	0	0	0
(ii)	Loss of obsolete store materials	0	0	0
(iii)	Compensation to staff on injury/death/damages	0	0	0
(iv)	Compensation to outsiders on injury/death/damages	0	0	0
(v)	Compensation to Power traders	0	0	0
(vi)	Loss on demolition, retirement of Fixed Asset	0	0	0
	Total Others	0	0	0
(m)	Overall (1.17)	11,988	232,894	244,882
1	Director's sitting Fees included in the employee cost (refer 1.17h)			

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 Chief Engineer (Regulation)
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1.17 a Interest on Temporary Accommodation

Particulars	Rs. In Lakhs
	2019-20 Actual
Opening Balance	0
Repayment for the year	0
Closing Balance	0
Interest on Temporary Accommodation	0
Total	0

1.17 b Interest on Working Capital

Particulars	Rs. In Lakhs
	2019-20 Actual
Working Capital:	
A. Total Variable cost as per FPPCA application and Fixed cost as per APR application	2,458,046
B1. Less: Depreciation	46,220
B2. Less: Deferred Revenue Expenditure	
B3. Less: Return on Equity	46,154
B. Total deductions: (sum B1:B3)	92,374
C. Allowable Gross Sales for Working Capital	2,365,671
D. Allowable Working Capital @10% on C	236,567
Security deposit from consumer as on 31.03.2020	358,696
Security deposit from consumer utilized as working capital as per directive	32,701
Balance requirement of working capital	203,866
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	18,022
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
	2019-20 Actual
Guarantee Commission	-
Front-End Fees	-
Bank Charges	1,348
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	989
Notional interest on govt. loan	4,250
Interest expense on liability for Capital supplies/ works	2,168
Less: Interest accrued on non-current Power Purchase liability	-
Less: Notional interest on govt. loan	(4,250)
Less: Interest accrued on non-current Capital Liability	(3,019)
Others:	
i)Penal interest on Capital Liabilities	
ii) Interest On GPF	
iii) Interest on arrear pay	
iv) Banking Cash Transaction Tax	
Sub Total	
Overall	1,503

1.17 d Foreign Exchange Rate Variation (FERV) - Yearwise

Particulars	Rs. In Lakhs
	2019-20 Actual
Loan 1	0
Loan 2 and so on	0
Overall	0

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Advance against Depreciation

1.17 e

Particulars	Rs. In Lakhs
	2019-20 Actual
1. Repayment as per Form C	30,923
2. Depreciation as per Form B	46,220
3. Additional Fund requirement (1-2, if 1>2)	
4. Maximum ceiling of Advance depreciation	3,829
5. Advance against depreciation (lower of 3 & 4)	-

1.17 f

Insurance Premium Payable

Particulars	Rs. In Lakhs
	2019-20 Actual
Insurance	1,583
Overall	1,583

1.17 g

Interest Credit

Particulars	Rs. In Lakhs
	2019-20 Actual
1. Depreciation as per Form B	46,220
2. Repayment as per Form C	30,923
3. Excess Fund created (1-2, if 1>2)	15,297
4. Weighted average rate of interest of existing loan	9.88%
5. Interest credit	1,511
Overall	1,511

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	Rammam	Solar	Distribution		Total		
			Prior period payment made 2018-19	2019-20					Prior period payment made 2019-20	2019-20	Prior period payment made 2019-20	Prior period refund in 2019-20	Payment for 2019-20
A	1	Salary and Wages											
	a	Basic Pay & Overtime	0	672	492	177	244		0	34809	0	0	36393
	b	Dearness Allowances	0	540	449	130	193		0	28175	0	0	29487
	c	Other Allowances	0	153	148	62	142		0	8055	0	0	8560
	d	Less capitalisation	0	(301)	(720)	(81)	(131)		0	(17499)	0	0	(18732)
		Total	0	1064	369	288	447	0	0	53540	0	0	55709
	2	Statutory Retirement Benefit											
	a	Gratuity	0	0	0	0	0		0	4143	0	0	4143
	b	Company's contribution to PF	0	65	48	17	24		0	3502	0	0	3657
	c	Company's contribution to Pension Scheme	0	43	43	16	24		0	82442	0	0	82568
		Total	0	109	91	33	48	0	0	90087	0	0	90368
	3	Statutory Bonus and Ex-Gratia	0	25	20	8	14		0	1919	0	0	1987
	4	LTC	0	4	3	2	3		0	407	0	0	418
	5	Leave Encashment	0	219	152	16	41		0	11350	0	0	11779
	6	Workmen and staff welfare expenditure	0	80	44	26	47		0	146	0	0	343
	7	Others, if any (see Note 1)	0	0	0	0	0		0	0	0	0	0
	8	Director's Sitting Fee (see Note 2)								6			6
	9	Reimbursement of Medical Expenses	0	17	22	1	9		0	1573	0	0	1622
	10	Leave Encashment (15 days)	0	42	42	11	14		0	1928	0	0	2038
	11	Payment under Workmen Compensation Act	0	0	0	0	0		0	11	0	0	11
	12	Uniform and Livery Expenses	0	0	0	0	5		0	3	0	0	8
	13	Premium for GRP Scheme	0	1	13	0	0		0	326	0	0	341
		Total	0	389	297	63	133	0	0	17671			18554
B		Contribution for shortfall in interest of PF fund, if any	0	0	0	0	0		0	0	0	0	0
C		Production / Performance incentive to employees	0	15	24	4	10		0	1232	0	0	1285
		Total	0	15	24	4	10	0	0	1232			1285
TOTAL			0	1577	782	388	638	0	0	162530	0	0	165915

Note :

1. Others in sl no 7 above is expenditure on account of compensation to staff on account of injury/ death / damages.

2. Refer Note 38C Of Annual Accounts 2019-20

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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		No arrear for FY 2019-20
	1	Salary and Wages	
	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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Sudip Chaudhuri



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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Form 1.17 (k): Cost of Outsourcing

Rs in lakhs

Heads			Scope of work and service to be provided *
a) Administrative & General Expenses	2019-20		
	Excluding Manpower	Manpower related	
Call Center (ZCC/CRC) as per SOP regulation	-	2,617	Cost of operation of Consumer call centre.
Security Expenses	-	3,766	Cost of Security service
Data Warehousing	-	-	Cost of maintaining data repository for call center and other consumer service
b) Repair & Maintenance Expenses -			
Line Maintenance	-	17,096	Cost of maintenance of overhead / underground network.
Substation Maintenance	-	2,696	Cost of operation and maintenance of 33/11 KV substations
Mobile Maintenance Service	-	16,970	Cost of breakdown maintenance service.(MCSU as per SOP regulation)
c) Operational Services			
Collection Franchisee	-	2,202	Service charge for collection made through automated collection kiosks and Tathya
Franchisee	-	211	Service Charge for NTESS, a distribution franchisee of WBSEDCL
Meter Reading & Bill Distribution	-	14,322	Cost of meter reading and bill delivery logistic service
d) Management Services			
Back office job	-	219	Cost of Back Office Job.
e) Others			
Total	-	60,100	


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Form 1.18 : Original Cost of Fixed Assets

		Rs. In Lakhs
Ref.	Particulars	2019-20
		Actual
(1)	Generation Assets	
	TCF	13,774
	Rammam HEP	20,780
	Jaldhaka HEP	14,170
	Other Mini Micro Hydel	7,006
	Purulia Pump Storage	222,976
	Rammam Intermediate Stage HEP	3,607
	Lodhama-II	2,500
	Turga Pumped Storage Project	-
	Solar	33,783
	Total	318,596
(2)	Distribution Assets	2,056,884
(3)	Metering Assets	138,884
(4)	Other Assets	97,717
(5)	Transmission Assets	-
(6)	Less : Contribution from consumers including advance from them and including grants and subsidies	1,796,139
(7)	Total (1+2+3+4+5-6)	815,942
Notes		
(1)	Generation assets will include assets up to Station Bus bar. Transmission assets will be from Station Bus bar to EHT/HT sub-station. Distribution assets will be assets up to metering point of sales excluding cost of meters.	
(2)	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.	
(3)	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.	
(4)	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.	
(5)	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.	
(6)	Foreign exchange variation charged/adjusted, if any, is to be separately indicated.	
(7)	Figures for capital expenditure for projects under construction are to be separately indicated.	
(8)	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.	
(9)	Overall amount of expenditure is to be limited to the amount approved by the Commission	
(10)	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	
(11)	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 2015-16.	


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Form 1.18 a : Original Cost of Works in Progress

Ref.	Particulars	Rs. In Lakhs
		2019-20 Actual
(1)	Opening Balance	
	Plan	114,683
	Outside plan	101,579
	Total	216,262
(2)	Additional Capital Expenditure for the year	
	Plan	304,201
	Outside plan	107,214
	Total	411,415
(3)	Amount transferred to Fixed Assets	
	Plan	292,341
	Outside plan	103,034
	Total	395,375
(4)	Closing Balance	
	Plan	126,543
	Outside plan	105,759
	Total	232,302

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 Chief Engineer (Regulation)
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Form 1.18 b : Intangible Assets		
		Rs. In Lakhs
Ref.	Particulars	2019-20
		Actual
1.	Cumulative Opening Balance (Gross)	6836
2.	Cost incurred during the year	2463
3.	Gross Intangible Asset at the end of the year (1+ 2)	9299
4.	Cumulative Amount written off at the beginning of the year	0
5.	Amount written off during the year	0
6.	Cumulative amount written off at the end of the year (4 + 5)	0
7.	Cumulative Closing Balance (Gross) (3-6)	9299

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Form 1.18 c(I) : Investments

Rs. In Lakhs

Ref.	Particulars	2019-20
1	In Govt. Secuirity	121
2	Share in Public Ltd Company	575
3	Fixed Deposit with Bank	91,434
4	Others	
	Total	92,130

Form 1.18 c(II) : Income from Investments

Rs. In Lakhs

Ref.	Particulars	2019-20
		Actual
1	In Govt. Secuirity	
2	Share in Public Ltd Company NTESE	0
3	Fixed Deposit with Bank	1119
4	Others	1306
	Total	2425

Chief Engineer (Regulation)
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Sudip Chaudhuri



Form 1.19(a) : Capital Expenditure for the year

Rs. In Lakhs

Ref.	Particulars	2019-20
		Actual
A	General Capital Expenditure	
(1)	Generation Capital Expenditure Station wise	
	PPSP	
	Plan	430
	Outside Plan	195
	Sub Total	625
	Jaldhaka	
	Plan	93
	Outside Plan	42
	Sub Total	136
	Rammam	
	Plan	1247
	Outside Plan	566
	Sub Total	1,813
	TCF	
	Plan	430
	Outside Plan	195
	Sub Total	626
	Other Hydel	
	Plan	55
	Outside Plan	25
	Sub Total	81
	Rammam Intermediate Stage HEP	
	Plan	0
	Outside Plan	0
	Sub Total	-
	Turga Pumped Storage Project	
	Plan	47
	Outside Plan	21
	Sub Total	69
	Solar	
	Plan	13023
	Outside Plan	5914
	Sub Total	18,937
	Overall Generation Capital Expenditure	
	Plan	15,326
	Outside Plan	6,960
	Total	22,285
(2)	Distribution Capital Expenditure(including RE)	
	Plan	327482
	Outside Plan	112155
	Total	439,637
	Overall Capital Expenditure	
	Plan	342,807
	Outside Plan	119,115
	Total	461,922
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)	461,922

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Form 1.19(b): Overall Capital Expenditure Programme

Rs. In Lakhs

Ref.	Particulars	Original Project Cost (as latest approved)	Cumulative Expenditure	2019-20
			Actuals	Actual
A	Capital Expendirure 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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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
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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Form 1.20(a) : Equity Base

Rs. In Lakhs

Ref.	Particulars	Basis	2018-19		
			Generation	Distribution	Total
			Actuals	Actuals	Actual
1	Actual equity base at the beginning of the year		7,010	221,423	228,433
2	Admissible equity base at the beginning of the year		7,010	221,423	228,433
3	Actual addition/deletion to equity base during the year		1,158	4,594	5,752
4	Actual equity base at the end of the year	(1+3)	8,168	226,017	234,185
5	Net Addition to the original cost of fixed assets during the year		23,972	374,433	398,405
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 year other than assets created in terms of regulation 5.15.1 (iv)		23,972	374,433	398,405
8	Normative Equity %		30%	30%	30%
9	Normative addition to equity base	(8x7)	7,192	112,330	119,521
10	Addition to equity base considered for the year	lower of 3 and 9	1,158	4,594	5,752
11	Add: Asset created in terms of regulation 5.15.1(iv)		-	-	-
12	Addition in equity base during the year for the purpose of computation of return	(10+11)	1,158	4,594	5,752
13	Admissible equity base at the closing of the year	(2+12)	8,168	226,017	234,185
14	Average admissible equity base for allowing returns	(2+13)/2	7,589	223,720	231,309

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	2019-20	
1	Special allocations	10,153	Refer Note 27.2 of Annual Accounts

Sudip Chaudhuri
 Chief Engineer (Regulation)
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Form 1.22 : Return on Equity

Rs. In Lakhs

Ref.	Particulars	Basis	2019-20		
			Generation	Distribution	Total
			Actual	Actual	Actual
(1)	Average Equity Base	Form 1.20 (a)	7,589	223,720	231,309
(2)	Rate of Return	For Generation function: $15.5\% \div (1 - 17.472\%)$ For Distribution function: $16.5\% \div (1 - 17.472\%)$	18.78%	19.99%	
(3)	Return on equity		1,425	44,729	46,154

Sudip Chaudhuri
Chief Engineer (Regulation)
Regulation Department
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Form 1.23 : Permitted Incentive

Ref.	Particulars	Basis	One
			Actuals
			2019-20
(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	$(v) = (iv) \times (iii)$	

Sandeep Chaudhuri
 Chief Engineer (Regulation)
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Form 1.24 : Benefits passed on to consumers

Ref.	Particulars	Rs. In Lakhs	
		2019-20	
		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	1,253	
	b) Notional sale of power against Swap Out (MU)	865	
(2)	Total Sale (MU) : A=a+b	2,118	
	c) Sale of power to person other than consumer and licensee (Rs. lakhs) (*)	54,231	
	d) Notional sale of power against Swap Out (Rs. lakhs)	34,069	
(3)	Total Sale (Rs. Lakhs) : B=c+d	88,300	
(4)	e) Average purchase price (Paise/ unit) for (1)a	277.03	
	f) Average purchase price (Paise/ unit) for (1)b	409.65	
	g) Cost of power of sale in 1 (a) above (Rs Lakhs)	34,712	
	h) Cost of power of sale in 1 (b) above (Rs Lakhs)	34,069	Note 34A of Appendix-1
	i) Other charges for such sale (Rs Lakhs) *	4,754	
(5)	Total cost of sale (Rs in lakhs) (f+g+h)	73,535	
(6)	Amount of gain (+) / loss (-) derived from such sale (Rs in Lakhs) (3-5)	14,765	
(7)	Benefits passed on to the consumer (Rs. Lakhs) (1x6)	7,383	

Notes : (*) Please refer Note 31 of Annual Reports and Accounts 2019-20:
Revenue from Sale of Power

Sudip Chaudhuri
Chief Engineer (Regulation)
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Form 1.25 : Receipts from Sale of Energy

Rs. In Lakhs

Ref.	Particulars	2019-20	Basis
		Actual	
	Receipts from Sale of Energy	2,171,117	Ref: Note 31 of Annual Accounts of WBSEDCL for 2019-20

Chief Engineer (Regulation)
Regulation Department
WBSEDCL

Sudip Chaudhuri



Form 1.26 : Income other than sale of Energy

Rs. In Lakhs

Ref.	Particulars	2019-20	Remarks
		Actual	
A.	Other Income derived from		
(i)	Rental of meters and other apparatus hired out	27,371	
(ii)	Sale and repair of lamp and other apparatus	-	
(iii)	Dis-connection & Re-connection Charges	2,604	
(iv)	Income from Investments and Bank Balances	2,425	
(v)	Surcharge for Late Payments	24,953	
(vi)	Income from jobs at consumer's premises	23	
(vii)	Transmission/Wheeling charges	522	
(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	12,336	
(xiii)	Other comprehensive income - Remeasurement of post-employment benefit obligations		
(xiv)	Interest received on account of tariff revision	-	
	Sub-Total (i to xiv)	70,234	
B.	Net receivable UI Charges for the previous year	(13,610)	As per Note 32 DSM receivable & 34 DSM Payable of Annual Accounts 2019-20

Chief Engineer (Regulation)
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WBSEDCL



Form 1.27 : Wheeling Charge

Rs. In Lakhs

Ref.	Particulars	Unit	2019-20
			Actual
	Wheeling Charge		
1	Employee Cost		162530
2	Cost of Outsourcing		60100
3	Operation and maintenance		37741
4	Complaint Management		371
5	Rates & Taxes		17944
6	insurance		132
6	Interest		44869
7	Interest for creation of Pension Fund		9582
8	Foreign Exchange Rate Variation		0
9	Other Financing Charges		1444
10	Interest on Security Deposits		20624
11	Interest on Working Capital		0
12	Lease Rental		730
13	Depreciation		37308
14	Advance against depreciation		0
15	Intangible Asset Write Off		0
16	Reserve for unforeseen exigencies		0
17	Bad Debt		9175
18	Fringe Benefit Tax		0
19	Normative Return		44729
20	Permitted Incentives		0
21	Special Allocations		10153
22	Taxes on Income/ Profit		0
23	Intangible asset		0
24	Others		1775
(i)	Gross total expenses (sum 1:24)		459206
25	Less: Other income (reduced by Receipt from Wheeling Charges)		69712
26	Less: Interest credit on Depreciation		1511
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)		71223
A.	Net Charges (i-ii)		387983
a.	Units sold to own consumers and licensee	MU	31181
b.	Units wheeled	MU	155
B.	Overall Units (a+b)	MU	31336.08
C.	Wheeling charge rate (A/B)	P/kWh	123.81

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

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Sudip Chaudhuri



Form: 1.28: Statement showing status of FPPCA claim

SI 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			
5	2019-20	26-Oct-21			


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**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
I. Jaldakha Hydel Project, Stage - I (Capacity 4 X 9 MW)								
Unit - 1	2019-20	Planned	767.30	Annual maintenance of the units are carried out in the month of january				
		Forced	3303.70					
Unit - 2	2019-20	Planned	943.92					
		Forced	0					
Unit - 3	2019-20	Planned	1622.03					
		Forced	0					
Unit - 4	2019-20	Planned	730.42					
		Forced	41.50					
II. Jaldakha Hydel Project, Stage - II (Capacity 2 X 4 MW)								
Unit - 1	2019-20	Planned	1546.33	Annual maintenance of the units are carried out in the month of january				
		Forced	6.5					
Unit - 2	2019-20	Planned	2161.17					
		Forced	1167.67					
III. Rammam Hydel Project (Capacity 4 X 12.75 MW)								
Unit - 1	2019-20	Planned	0	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	2019-20	Planned	0					
		Forced	0					
Unit - 3	2019-20	Planned	144					
		Forced	0					
Unit - 4	2019-20	Planned	0					
		Forced	0					



Sudipta Ghosh

Chief Engineer (Regulation)
Regulation Department
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**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
IV. Teesta Canal Fall Hydro Electric Project, PS-I (Capacity 3 X 7.5 MW)								
Unit - 1	2019-20	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	00:00					
Unit - 2	2019-20	Planned	00:00					
		Forced	00:00					
Unit - 3	2019-20	Planned	00:00					
		Forced	00:00					
V. Teesta Canal Fall Hydro Electric Project, PS-II (Capacity 3 X 7.5 MW)								
Unit - 1	2019-20	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	4792.58					
Unit - 2	2019-20	Planned	00:00					
		Forced	00:00					
Unit - 3	2019-20	Planned	334.08					
		Forced	00:00					
VI. Teesta Canal Fall Hydro Electric Project, PS-III (Capacity 3 X 7.5 MW)								
Unit - 1	2019-20	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	00:00					
Unit - 2	2019-20	Planned	00:00					
		Forced	00:00					
Unit - 3	2019-20	Planned	00:00					
		Forced	2661.33					


 Signature: *Dipak Chaudhury*

Chief Engineer (Regulation)
 Regulation Department
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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
VII. Rinchington Hydro Electric Project, (Capacity 2 X 1 MW)								
Unit - 1	2019-20	Planned	0	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	335.42					
Unit - 2	2019-20	Planned	00:00					
		Forced	99.33					
VIII. Little Rangit Hydro Electric Project, (Capacity 2 X 1 MW)								
Unit - 1	2019-20	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	1681.98					
Unit - 2	2019-20	Planned	00:00					
		Forced	67.42					
IX. Fazi Hydro Electric Project, [Capacity (2 X 0.4) + (1 X 0.448) + (1 X 1.2) MW]								
Unit - 1	2019-20	Planned	0	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	231.33					
X. Sidrapong								
Unit - 1	2019-20	Planned	0	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	54.25					
Unit - 2	2019-20	Planned	00:00					
		Forced	00:00					

Signature of Chaudhuri

Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

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
XI. Mangpo-Kalikhola (3 x 1 MW)								
Unit - 1	2019-20	Planned	0	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	951.67					
Unit - 2	2019-20	Planned	0					
		Forced	924.25					
Unit - 3	2019-20	Planned	0					
		Forced	1847.25					
XII. Messanjore (2 x2 MW)								
Unit - 1	2019-20	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	00:00					
Unit - 2	2019-20	Planned	00:00					
		Forced	00:00					
XIII. Purulia Pump Storage Project (4x225 MW)								
Unit - 1	2019-20	Planned	153.08					Over hauling works
		Forced	5.43					Due to sudden breakdown
Unit - 2	2019-20	Planned	156.83					Over hauling works
		Forced	80.41					Due to sudden breakdown
Unit - 3	2019-20	Planned	228.75					Over hauling works
		Forced	310.19					Due to sudden breakdown
Unit - 4	2019-20	Planned	195					Over hauling works
		Forced	69.9					Due to sudden breakdown
XIV. Teesta Canal Bank Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	0					
		Forced	0					

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Sudipta Choudhury
Chief Engineer (Regulation)
Regulation Department
WBSEDCL



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
XV. Mejia Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	2160.00	Due to planned Shutdown				
		Forced	0.00					
XVI. Chharah Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	0					
		Forced	15	Due to unavailability of grid from S/S end				
XVII. santaldih Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	0					
		Forced	0					
XVIII. Khemasuli Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	0					
		Forced	78	Due to unavailability of grid from S/S end				
XIX. salboni Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	0					
		Forced	80	Due to unavailability of grid from S/S end				
XX. Teesta canel (Haptiagach) Solar PV Project (10 MW)								
10 MW project	2019-20	Planned	0					
		Forced	72	Due to inverter failure				


 Chief Engineer (Regulation)
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 WBSEDCL

Form-B

Details of Depreciation chargeable to revenue account for the year (Yearwise)
Year-2019-20

(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
			Op bal	During	Cl. Bal		1.80%	2.57%	3.60%	6.00%	18.00%	Other rates, if any	Land	Total			
A. Generating Assets																	
Cost	294624	23972	14229	0	14229	316734	97616	156054	43285	9043	50	6629	1862	314538			318596
Depreciation for the year							1739	3995	1549	539	9	1082	0	8912			8912
B. Transmission Assets																	
Cost	0	0	0	0	0	0								0			
Depreciation for the year														0			
C. Distribution Assets																	
Cost	1701902	351823	99441	43240	142681	2004578	82288	25863	1751152	55675	135	100348	5907	2021368	-3159		2056884
Depreciation for the year							1475	660	63010	3307	14	2524		70989			70989
D. Metering Assets																	
Cost	124289	14861	36572	0	36572	139150	0	0	0	0	0	128721	0	128721	266		138884
Depreciation for the year							0	0	0	0	0	13363		13363			13363
E. Other Assets																	
Cost	95325	2392	992	0	992	96974	10412	0	0	46083	0	25195	743	82434			97717
Depreciation for the year							142	0	0	1752	0	1706		3602			3602
E. Intangible Assets																	
Cost	6835	2464	400	0	400	9299					9185			9185			9299
Depreciation for the year											1067			1067			1067
Overall (Cost)	2222975	395512	151634	43240	194874	2566735	190317	181917	1794437	110801	9370	260893	8512	2556247	-2893	0	2621380
Overall (Depreciation for the year)				43240			3356	4654	64559	5598	1090	18677	0	97932	0	0	97932
Less: Adjustment in depreciation due to grant-funded assets							1250	2081	29111	2503	487	8350	0	43781	0	0	43781
Less: Consumers' Contributions towards Capital Assets							226	377	5273	453	88	1513	0	7931	0	0	7931
Claimed depreciation for the year							1879	2197	30175	2642	514	8815	0	46220	0	0	46220
Overall (Claim for the year)														46220			

Sandeep Choudhary
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Regulation Department
WBSEDCL



Form - C

WEST BENGAL STATE ELECTRICITY DISTRIBUTION COMPANY LTD																
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2019-20																
(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				
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	101.17	0.00	0.00	0.00	101.17	1000.00	For Different Capital Project
	Total (A)	1000.00	1000.00					0.00	0.00	101.17	0.00	0.00	0.00	101.17	1000.00	
	Total (A)	1000.00	1000.00					0.00	0.00	101.17	0.00	0.00	0.00	101.17	1000.00	
B)	PFC - RAPDRP A & B	139.83	120.32	9.00%			Monthly	5.16	13.28	15.80	0.00	0.00	0.00	15.80	128.44	For RAPDRP Project
	Total (B)	139.83	120.32					5.16	13.28	15.80	0.00	0.00	0.00	15.80	128.44	
C)	REC Ltd.	3338.10	2625.10	9.6% to 10.75%			Yrly/Qty	261.17	1547.60	302.26	0.00	0.00	0.00	302.26	3911.53	For Capital Work
	REC - Package	311.22	101.73	10.11%	2.00%		Monthly	27.13	0.00	23.94	0.00	0.00	0.00	23.94	74.60	For Capital Work
	REC - Taken over from WBREDCL	103.23	103.23	8.50%			Repayment schedule is yet to be fixed	0.00	0.00	8.77	0.00	0.00	0.00	8.77	103.23	
	Total (C)	3750.55	2830.06					268.30	1547.60	334.97	0.00	0.00	0.00	334.97	4089.36	
D)	Loan from State Govt.															
	Loan from State Govt.	114.57	114.57	1.30% & 8.50%				15.77	0.00	1.93	0.00	0.00	0.00	1.93	98.80	
	Total (D)	114.57	114.57					15.77	0.00	1.93	0.00	0.00	0.00	1.93	98.80	
	Total Bank & Financial Institution Loan in 2018-19 (A to D)	5004.95	4064.95					308.23	1560.88	453.87	0.00	0.00	0.00	453.87	5316.60	
2)	Pension Bond	1530.00	1173.00	8.5%				0.00	0.00	99.71	0.00	0.00	0.00	99.71	1173.00	
	Normative Loan	0.00	0.00	9.88%				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3)	Grand Total (1+2+3)	6514.95	5352.82					308.23	1560.88	553.58	0.00	0.00	0.00	553.58	6489.60	
	Interest Capitalised															
	Interest charged to revenue															

Repayment of PFC (RAPDRP A & B) Loan includes conversion of Part A Loan of rs. 162.03 Crore in grant.

Sudip Chaudhuri
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL





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

Ref		MU	Remarks
		2019-20	
		Actual	
1	Generation including infirm power, if any][Form 1.3]	1645.186	
2	Auxiliary Consumption [Form 1.4(a)]	23.393	
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)]	1621.793	
(a)	At EHV	1532.314	
(b)	At 33 KV and below	89.480	
5	Quantum of infirm power included in 1	0.000	
5	Energy Purchased [Form 1.6(a)]	40071.708	
6	Energy Received for Wheeling [Form 1.9a]	155.300	
7	Overall Gross Energy Input to WBSETCL System	41848.801	
8	Unit sold to persons other than licensees or any consumers [Form 1.9b]	2117.852	
9	Units sold/ used for pumping energy of Pumped Storage Project at Bus bar [Form 1.4(b)]	1453.339	
10	Additional Units allowed by Commission for against pumping energy for pumped loss	51.153	
11	Total units sold/ used for pumping energy or pumped storage project (9+10)	1504.492	
12	Energy sold to other licensees [Form 1.9c]	51.066	
13	Additional Units allowed by Commission against Sales to other licensees	1.797	
14	Total units sold to other licensee (12+13)	52.863	
15	Net UI [Actual drawal]	-292.656	UI (IN) =580.565 MU UI (OUT) =287.909 MU
16	Total energy goed out of the system (8+10+11+14+15)	3382.552	
17	Net Energy in System (7-16)	38466.249	
18	Units sold to consumers + Sale to DPSCCL from Distribution System	31129.717	
19	Units wheeled [Form 1.9d]	153.653	
20	Addisional unit allowed for wheeling	1.647	
21	Units utilised in own premises including construction power	71.00	
22	Overall Utilisation (18+19+20+21)	31356.017	
23	Unutilised Units (17-22)	7110.232	
24	T&D Loss %	18.48	

Sudipta Mukhopadhyay
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 Regulation Department
 WBSEDCL

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

(Rs. in Lakhs)

S. No	Particulars	Claimed for FY 2019-20					
		Generation		Distribution		Total	
A		Direct	Central	Direct	Central	Total	Claimed
1	Transmission Charge Paid to CTU						117,440
2	Transmission Charge Paid to WBSETCL						122,032
3	ROSCO Charge						474
4	ERPC Charge						16
5	SLDC Charge						1,701
6	VARH Charges						1,504
7	a) Employee Cost (Salaries)	3,239	146	74,097	88,233	165,915	
8	b) Employee Cost Others (Gratuity)						
9	Adjustment of OCI and Other Provision Written Back with Employee Cost	690		33,133		195,063	199,738
10	Net Employee Cost after adjustment of OCI and Other Provision Written Back	3,929	146	107,430	88,233	195,063	199,738
11	Cost of outsourcing manpower related to distribution			99,324	776	60,100	60,100
12	Cost of outsourcing excluding manpower for distribution						
13	Cost of outsourcing for Complaint Management mechanism						
14	Expenses for Complaint Management mechanism						
15	a) Insurance						
16	b) Rates & Taxes	6	1,445	371		371	371
17	Operation and maintenance Expenses	537	76	132		1,583	1,583
18	Interest on Bond For creation of Pension Fund			17,944		18,556	18,556
19	Interest on Foreign Exchange Rate Variation			1,884		18,556	18,556
20	Interest on Foreign Exchange Rate Variation			9,200		42,994	42,994
21	Interest on Security Deposits			37,741		42,994	42,994
22	Interest on Normative Loan			44,869		45,385	45,385
23	a) Depreciation			9,582		9,971	9,971
24	b) Advance against depreciation						
25	Principal Repayment of Bonds for Pension Fund						
26	Irrecoverable Asset Written Off						
27	Water Cess						
28	Bad Debt						
29	Fringe Benefit Tax						
30	Minimum Alternative Tax						
31	Reserve for unforeseen exigencies						
32	Demurrage						
33	Interest on working Capital						
34	Others, if not specified						
35	Net UJ Payable / Deviation Charge						
36	Total Expenditure (sum of 1-35)	13,752	11,687	330,013	316,715	646,729	733,620
37	Normative Return (pre-tax on 30% equity)						
38	Permitted incentives						
39	Special Allocation (Form 1.21)						
40	Gross Fixed Cost (28+31+32)	13,752	20,922	330,013	316,715	646,729	733,620
41	Carrying Cost for 2019-20						
42	Review order of APR 2012-13 dated: 25.05.21						
43	APR Order 2013-14 dated 14.07.21						
44	APR Order 2014-15 dated 03.11.21						
45	APR Application for 2015-16						
46	APR Application for 2016-17						
47	APR Application for 2017-18						
48	APR Application for 2018-19						
49	Carrying Cost for Swap of Power during 2019-20 out of Swap during 2018-19						
50	Total Carrying cost (sum of 34-41)						
51	Less: Other Income (Form 1.20)						
52	Less: Expenses attributable to sale to person other than consumers and licensees (Form 1.24)						
53	Less: Interest credit on Depreciation						
54	Total Deductions from Gross Fixed Cost (sum of 43-45)	13,752	11,687	330,013	316,715	650,843	733,620
55	Net Fixed Cost (33+42-44)	13,752	11,687	330,013	316,715	650,843	733,620
56	Total amount recoverable (445)						

Sudipti Mukherjee
Chief Engineer (Regulation)
Regulation Department
WBSEDCL



FORM 6 : CASH FLOW STATEMENT**CASH FLOW STATEMENT FOR THE YEAR ENDED 31 ST MARCH 2020**

(in Rs. lakh)

Sl.	Item	2019-20
1	Operating Income	
	(a) Sale of Energy	2171117
	(b) Transmission Charges	0
	(c) Income other than sale of Energy (to be specified)	0
	(d) Export	49477
	(e) Other operating revenue	55834
	(f) Other income	(1711)
	(g) Adjustment for interest and finance charge, excess provision written-off and interest income	(138185)
	Total (A)	2136532
2	Operating expenses (All revenue nature of expenses other than non-cash charges like Depreciation, DRE etc.)	
	(a) Cost of Electrical Energy Purchased	2009307
	(b) Operating expenses (excluding Depreciation, FERV, Bad Debts & Intangible Asset written off)	291209
	Total (B)	2300516
	(A) - (B)	(163985)
3	Increase / Decrease in current assets, current liabilities & provisions in revenue account	
	(a) Sundry Debtors	(5435)
	(b) Loans & Advances	(461)
	(c) Current Liabilities	84930
	(d) Provisions	77069
	(e) Others - Inventories	(11014)
	(f) Other Current Asset	(59309)
	Total (C)	85779
4	Operating Cash Surplus (A) - (B) + (C)	(78206)
5	Utilisation of operating cash surplus (Sources to meet operating cash shortfall)	
	Addition in Capital Fund	
	(a) Additional own fund brought in	4903
	(b) Additional borrowings	194060
	(c) Additional Consumers' contribution and security deposits	58815
	(d) Use of operating surplus	0
	(e) Increase in liabilities for capital works	3286
	(f) Others	0
	Total (a to f)	261064
	Utilization of Capital Fund	
	(g) Increase in fixed capital expenses	447090
	(h) Loan repayment at actual	(189312)
	(i) Decrease in liabilities for capital works	3286
	(j) Additional investment	0
	(k) Any other item	0
	Total (g to k)	261064

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 2019-20

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 2019-20 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, Poura 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

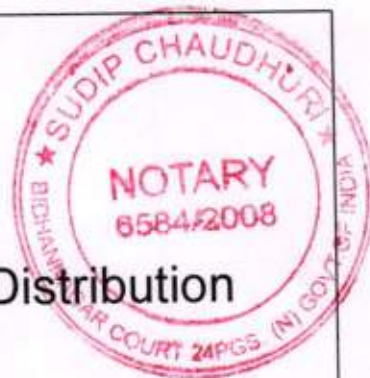
S. Mukhopadhyay

Date:

Chief Engineer (Regulation)

Sudip Chaudhuri
Chief Engineer (Regulation)
Regulation Department
WBSEDCL

**West Bengal State Electricity Distribution
Company Limited**



**Annexure – II
of
Volume-I**

**Auditor Certificate for Power Purchase & Transmission
Charges 2019-20**

**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 / 40074539

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 2019-20 on Purchases of Power and Transmission Charges (read with note no-34 in the Annual Audited Accounts of 2019-20) of Rs. 20,46,078 lakhs (Twenty Lakhs Forty Six Thousand and Seventy Eight Lakhs) excluding the Rebate received amounting to Rs 3333 Lakhs (Three Thousand Three Hundred and Thirty Three Lakhs) for timely payments as per details attached in Annexure-A read with the notes therein have been verified by us from the available records maintained at Corporate office and found the same as correct.

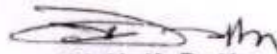
For J Gupta & Co LLP

Chartered Accountants

FRN: 314010E/E300029

LLP No. AAM-2652

UDIN:-20012208AAAABB9675



CA H. K. Datta

Partner

Membership No. 012208



Place: Kolkata

Date: 30th November, 2020



Chief Engineer (Regulation)
Regulation Department
WBSEDCL

Annexure-A			
Statement of Purchase of Power cost, transmission Charges, Other Charges & Operating Charges during the period April 2019 to March 2020			
SI No	Particulars	Current Cost	Arrear Cost
		(in Lakhs)	
(A)	Purchases of Power from Different Sources		
	Damodar Valley Corporation-Grid		
1	Mejia TPS (V)	11177	113
	Damodar Valley Corporation-Radial	24626	0
	Raghunathpore TPS(RTPS)	48279	0
	Damodar Valley Corporation-Short Term	20665	0
	National Thermal Power Corporation		
2	Farakka STPS Stg I	111975	6559
	Farakka STPS Stg III	44181	2415
	Kahelgaon	11490	8
	Talcher STPS	16415	47
	Daripalli	2101	0
3	Govt. of Sikkim	25	0
	National Hydro Power Corporation Limited		
4	Teesta V HEP	16583	1475
	Rangit HEP	3821	0
	Teesta Lower Dam Project III	38073	8416
	Teesta Lower Dam Project IV	21014	3836
	Power Trading Corporation Limited		
5	Chukha HEP	12798	0
	Kurichu HEP	856	0
	Tala HEP	22296	0
	Adhunik Power	21372	11926
	Jhabua	23021	0
	JP Nigrie	23754	0
	SPDC J & K	21441	0
	PTC India Ltd (Short term)	7184	0
	Mangdechhu	13635	0
6	Durgapur Projects Limited		
	DPL (220/132 kv)	79824	0
	West Bengal Power Development Corporation		
7	Bandel TPS (BTPS)	40262	870
	Santalidih TPS (STPS)	141270	3936
	Kolaghat TPS (KTPS)	127825	2920
	Bakreswar TPS (Stage -I)	146642	4445
	Bakreswar TPS (Stage -II)	97580	2940
	Sagardighi TPS (Stage-I)	101285	2924
	Sagardighi TPS (Stage-II)	191763	4161
8	CESC Ltd	554	0
9	Electro Steel Casting Limited	712	0
10	Neora Hydro Limited	266	0
11	Nippon Power	200	0
12	Rashmi Ispat	186	0
13	Kanti Bijli Utpadan Nigam Ltd	13515	202
14	Himadri Chemicals & Industries Ltd	1151	0
15	Rashmi Cement Ltd	699	0
16	DB Power	942	0
17	Bengal Energy Limited	7198	0
18	Assam Power Distribution Company Ltd	59	0
19	Concast Bengal Industries Ltd	143	0
20	Jharkhand Bijlee Vitaran Nigam Ltd	13	0
21	JSW	471	0
22	NTPC Vidyut Vyapar Nigam Ltd.(NVVN)		
	Bundle Power	20681	17
	NTPC Vidyut Vyapar Nigam Ltd. (Short Term)	16559	0
23	Tata Power Trading Corporation Limited		
	Dagachu	17953	0
	Malithon Power Limited	71388	3165
	Tata Power Trading Corporation Limited (Short Term)	27362	0
24	Power Exchange		
	Power Exchange India Limited (PXIL)	3236	0
	India Exchange Exchange Limited (IEX)	72474	0
25	Solitaire Industries	805	79
26	WBREDA	2	0
27	Hiranmoyee Energy	1133	0
28	SWAP IN	27908	0
29	Deviation Settlement (UI Payable)	13971	0
Sub-Total (A)		1742814	60076



Sundip Kumar Dasgupta
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

(B)	TRANSMISSION CHARGES		
30	Power Grid Corporation India Limited	86047	11619
31	WBSETCL	122032	0
32	Power System Operation Corporation Ltd.	258	216
33	Reimbursement of Transmission Charges to NVVN Ltd.	968	0
34	Open Access Charges on Power Purchases		
	Power Trading Corporation Limited	5029	0
	NTPC Vidyut Vyapar Nigam Ltd	624	0
	Tata Power Trading Corporation Limited	5089	0
	Power Exchange India Limited (PXIL)	327	0
	India Exchange Exchange Limited (IEX)	7727	0
	JSW	11	0
	DB Power	21	0
	Sub-Total (B)	228134	11835
(C)	Other Charges		
35	ERPC Charges	16	0
36	SLDC Charges	1701	0
37	ERPC Reactive Energy Charges	1504	0
	Sub-Total (C)	3221	0
	TOTAL(A+B+C)	1974168	71911
	Total Expenditure (Current Power Purchases Cost + Arrear Cost)	2046079	

Note :Accounting for Power Purchase expenditure was made on monthly consumption basis without rebate received for timely payment of Power Purchase and Transmission Charges amounting to Rs 3333 Lakhs.



Sudipte Kuchipudi
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

**West Bengal State Electricity Distribution
Company Limited**



**Annexure – III
of
Volume-I**

Calculation of Carrying Cost for 2019-20

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

Interest for carrying cost calculation (SBI PLR as on Apr 1 2018)

13.45%

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 for 2019-20	Recoverable amount claimed in APR application not yet settled	Claim Period	PLR as on the 1st day of the previous financial year (i.e. 2018-19) (%)	Carrying Cost
Review order of APR 2012-13 dated: 25.05.21	13,543			13,543		01-04-19 to 31-03-20	13.45%	1,821
APR Order 2013-14 dated: 14.07.21	107,783	15,626		92,157		01-04-19 to 31-03-20	13.45%	12,395
APR Order 2014-15 dated 03.11.21	9,295	-		9,295		01-04-19 to 31-03-20	13.45%	1,250
APR Application for 2015-16					311,159	01-04-19 to 31-03-20	13.45%	41,851
APR Application for 2016-17					192,780	01-04-19 to 31-03-20	13.45%	25,929
APR Application for 2017-18					(67,963)	01-04-19 to 31-03-20	13.45%	(9,141)
APR Application for 2018-19					194,195	01-04-19 to 31-03-20	13.45%	26,119
Carrying Cost for Swap of Power during 2019-20 out of Swap during 2018-19								20
Total Carrying Cost								100,245

Note:

1. As per Auditor's Certificate on Utilisation of Security Deposit Rs. 287108 lakhs has reduced during computation of carrying cost for 2017-18
2. As per Auditor's Certificate on Utilisation of Security Deposit Rs. 38887 lakhs has reduced during computation of carrying cost for 2018-19

Sudip Chaudhuri
 Chief Engineer (Regulation)
 Regulation Department
 WBSEDCL

